



10

(/)

(/)

2016 . . .

አዲስ አበባ ዩኒቨርሲቲ

የሰነድ፣ የቋንቋዎች ጥናት፣ የጋዜጠኝነትና ተግባራት ኮሌጅ

የአማርኛ ቋንቋ፣ ሥነ ጽሑፍና ፎክሎር ትምህርት ክፍል

የድግረ ምረቃ መርሀ ግብር

የፈተና ቦርድ አባላት ማረጋገጫ

ይህ ጥናት "ፕሮጀክት ተኮር መግር፣ በመጻፍ ችሎታና ተነሳሽነት ላይ ያለው ተዕዕና፣ በ10ኛ ክፍል አማርኛ ቋንቋ አፍፈት ተማሪዎች ተተካሪነት" በሚል ርዕስ ለአዲስ አበባ ዩኒቨርሲቲ፣ የሰነድ፣ የቋንቋዎች ጥናት፣ የጋዜጠኝነትና ተግባራት ኮሌጅ፣ የአማርኛ ቋንቋ፣ ሥነ ጽሑፍና ፎክሎር ትምህርት ክፍል፣ በተግባራዊ ስነልሳን አማርኛ ቋንቋን ለማስተማር (TeAm) የፍልስፍና ዶክትሬት ዲግሪ ማሟያነት በስመኝ አለም፣ የቀረበ ሲሆን፣ የዩኒቨርሲቲውን የጥራትና የወጥነት መስፈርት ስለማሟላት፣ በጥናቱ አማካሪዎችና ፈታኞች ተረጋግጧል።

የፈተና ቦርድ አባላት

አማካሪዎች

ስም ጌታተን ከማሪ (ፀ/ር) ፊርማ [Signature] ቀን 26/10/16

ስም ግርማ ገብረ (ዶ/ር) ፊርማ [Signature] ቀን _____

ፈታኞች

የውጭ ፈታኝ

ስም ላሊት ግሰ (ዶ/ር) ፊርማ [Signature] ቀን 23/11/16

የውስጥ ፈታኝ

ስም ጌታተን ገብረ (ዶ/ር) ፊርማ [Signature] ቀን 23/11/2016

የምርምር ጥራትና ወጥነት ማረጋገጫ

ይህ ጥናት “ፕሮጀክት ተኮር መማር፣ በመጻፍ ችሎታና ተነሳሽነት ላይ ያለው ተፅዕኖ፣ በ10ኛ ክፍል አማርኛ ቋንቋ አፍፈት ተማሪዎች ተተካሪነት” በሚል ርዕስ ለአዲስ አበባ ዩኒቨርሲቲ፣ የሰነድ፣ የቋንቋዎች ጥናት፣ የጋዜጠኝነትና ተግባራት ኮሌጅ፣ የአማርኛ ቋንቋ፣ ሥነ ጽሑፍና ፎክሎር ትምህርት ክፍል፣ በተግባራዊ ስነልሳን አማርኛ ቋንቋን ለማስተማር (TeAm) የፍልስፍና ዶክትሬት ዲግሪ ማሟያነት የተረበ ሲሆን፣ ከዚህ በፊት በሌላ አካል ያልተሰራና ወጥ የምርምር ስራ መሆኑን፣ እንዲሁም ለዚህ ጥናት በዋቢነት የተጠቀሙት የውጭ ድርሰቶች በተግባራዊ ስነልሳን አማርኛ ቋንቋን በማስተማር መስፈርት መሰረት በትክክል ዋቢ መደረጋቸውን ተጥሎ ባለው ፊርማዬ አረጋግጣለሁ።

ስም ሐገሽ አደግህ መ/ሪ
ፊርማ SA
ቀን 14/10/2016

/

/

/

/

/

/

/

/

(quasi-expermental)

10

10

12

9 10

11

(
)

(Multivariate Analysis of Variance, MANOVA)

(
)

($p < .05$)

| | | |
|---------|---------|-----|
|  | ..... | i |
|  | ..... | ii |
|  | ..... | iii |
|  | ..... | ix |
|  | ..... | x |
| | - | 1 |
| 1.1 | ..... | 1 |
| 1.2 | ..... | 9 |
| 1.3 | ..... | 18 |
| 1.4 | ..... | 19 |
| 1.5 | ..... | 19 |
| 1.6 | ..... | 20 |
| 1.7 | ..... | 21 |
| 1.8 | ..... | 22 |
| | - | 23 |
| 2.1 | ..... | 23 |
| 2.1.1 | ..... | 24 |
| 2.1.1.1 | ..... | 25 |
| 2.1.1.2 | ..... | 27 |
| 2.1.1.3 | ..... | 29 |
| 2.1.2 | ..... | 30 |
| 2.2 | ..... | 31 |
| 2.2.1 | ..... | 34 |
| 2.2.2 | ..... | 36 |
| 2.2.3 | ..... | 37 |

| | | |
|----------------|-------|-----|
| 2.2.4 | ..... | 38 |
| 2.3 | ..... | 39 |
| 2.3.1 | ..... | 43 |
| 2.3.2 | ..... | 47 |
| 2.3.4 | ..... | 49 |
| 2.4 | ..... | 52 |
| 2.5 | ..... | 57 |
| - | ..... | 63 |
| 3.1 | ..... | 63 |
| 3.2 | ..... | 63 |
| 3.3 | ..... | 65 |
| 3.3.1 | ..... | 66 |
| 3.3.2 | ..... | 68 |
| 3.4 | ..... | 70 |
| 3.5 | ..... | 71 |
| 3.6 | ..... | 73 |
| 3.7 | ..... | 76 |
| 3.8 | ..... | 76 |
| - | ..... | 80 |
| 4.1 | ..... | 80 |
| 4.2 | ..... | 94 |
| - | ..... | 106 |
| 5.1 | ..... | 106 |
| 5.2 | ..... | 109 |
| 5.3 | ..... | 111 |
|  | ..... | 113 |
|  | ..... | 126 |
| - Payne (2012) | ..... | 126 |

| | | |
|---------------------------|--------|-----|
| - Payne (2012) | ..... | 127 |
| - Payne (2012) | ..... | 129 |
| - | ..... | 131 |
| - | ..... | 134 |
| - | ..... | 137 |
| - | ..... | 139 |
| - | ..... | 140 |
| - | ..... | 141 |
| - Jacobs et al. (1981 30) | ..... | 142 |
| - | (| |
| - |)..... | 143 |
| - | (| |
| - |) | 37 |
| - | ..... | 144 |
| - | (| |
| - |)..... | 145 |
| - | (| |
| - |)..... | 146 |
| - | (| |

| | | |
|---|--------|-----|
| - |)..... | 147 |
| - | (| |
| - |)..... | 148 |
| - | (| |
| - |)..... | 149 |
| - | (| |
| - |)..... | 150 |
| - | (| |
| - |)..... | 151 |
| - | (| |
| - |)..... | 153 |
| - | (| |
| - |)..... | 155 |
| - | (| |
| - |)..... | 156 |
| - | (| |
| - |)..... | 157 |
| - | (| |
| - | ..... | 158 |

| | | |
|---|--------|------------|
| (|)..... | 159 |
| - | | |
| (|)..... | 161 |
| - | | |
| (|)..... | 163 |
| - | | |
| (|)..... | 164 |
| - | | |
| (|)..... | 165 |
| - | | |
| (|)..... | 166 |
| - | | |
|  | ..... | 167 |
| - | | |
|  | ..... | 196 |
| - | | |
| | 30% (|)..... 197 |
| - | | |
| | 20% (|)..... 198 |
| - | | |
| | | 20% |
| (| | |

| | |
|---------------|-----|
|)..... | 200 |
| 25% ().... | 201 |
| 5% ()..... | 203 |
| 100% ()..... | 204 |
| ()..... | 206 |
| ()..... | 208 |
| 30% ()..... | 210 |
| 20% ()..... | 211 |
| 20% ()..... | 213 |
| 25% (| |

| | | |
|-----|------------------------|-----|
| |).... | 214 |
| ' - | | |
| | 5% (| |
| |).... | 216 |
| ' - | | |
| | 100% (| |
| |)..... | 217 |
| ' - | | |
| | (| |
| |)..... | 219 |
| ' - | | |
| | (| |
| |)..... | 221 |
| ' - | | |
|  | ..... | 223 |
| ' - | | |
|  | ..... | 225 |
| ' - | | |
| | (Check list)..... | 227 |
| ' - | | |
|  | ..... | 228 |
| ' - | | |
|  | ..... | 232 |
| ' - | | |
|  | ..... | 252 |
| ' - | | |
| | (Assumptions) ()..... | 252 |

| | | |
|----------------|--|----|
| 1 - | (Francis, 2018 Teach Thought Staff, 2019)..... | 39 |
| 2 - | ..... | 63 |
| 3 - | 10 Q 10 R | |
| (MANOVA)..... | | 82 |
| 4 - | 10 Q 10 R | |
| (MANOVA) | | 83 |
| 5 - | 10 Q 10 R | |
| (MANOVA)..... | | 86 |
| 6 - | (MANOVA)..... | 87 |
| -7 | | |
| (MANOVA) | | 89 |
| 8 - | (MANOVA)... | 93 |
| 1 - | (Francis 2012)..... | 37 |
| 2 - | (Thoughtful learning Newsletter, 2020)..... | 41 |
| 3 - | (Thoughtful learning Newsletter, 2020).. | 42 |
| 4 - | ..... | 50 |
| 5 - | (Melin et al., 2006)..... | 61 |
| 6 - | ..... | 73 |

1.1

(1992 . . .) . . . 1908
(1992
. . .) Pankhurst (1976) Yalew (1997)
. . . 1908 1

. . . 1912

. . . 1915

(Pankhurst, 1976 Yalew, 1997)

-

1948 . . .
/ /

1958 . . .

1958 . . .

(1992

. . .)

(2010 . . .)

(1994) (2009)

(

)

(1-6)

- - - ...

()

(

)

(

)

(Masood, 2013)

(2009 . .) (Murphy, 1996

Bourelle, 2009)

2000

20

20

1960

(Mubarak, 2013)

(Richards, 1990)

?

(Hyland, 2009)

1960
(Russell, 2002)

1970

(Mubarak, 2013 Alkhatib,
2015)

1970

(Williams, 2003)

1970

1980

(Mubarak, 2013 Alkhatib, 2015)

(Mubarak, 2013)

(

)

(Hyland, 2009)

(Mubarak, 2013 Alkhatib, 2015)

(Unger and Fleishman,
2004)

/

(Hyland, 2004)

(Mubarak, 2013)

Mubarak, (2013) Kim (2007)

Swales (1990)

/

/

(Mubarak, 2013)

(2009 . . .) (Adas and Bakir, 2013, Nacira, 2010, Richards and Renandya, 2003)

Jarunthawatchai (2010)

Tangerpermpoon (2008)

- (Railsback,
2002 Simpson, 2011 Jumaat, Tasir, Halim, and Ashari, 2017)
Burlbaw, Ortwein, and Williams (2013) Kilpatric 1918

Kilpatric

(Burlbaw et al.,
2013)

Simpson (2011) (Wolk 1994 Muniandy 2000 Beckett 2006)

David Snedden

William Heard Kilpatric

Harris (2014) Dewey (1938)

Dewey

Harris (2014) Dewey

(1938)

20

/ /

John Dewey

"

"

Dewey

(Traditional)

(Progressive)

/

/Continuity/

/Interaction/

Dewey

(Harris, 2014)

Burlbaw et al. (2013) Ruediger (1923)

Ruediger

Burlbaw et al. (2013) Horn's (1922)

Horn's

Burlbaw et al. (2013) Horn's 1922

Horn's

Burlbaw et al. (2013)

20 / /

Kilpatric

"

"STEM PBL" (Burlbaw et al. . . . 2013

)

20

"STEM PBL"

(Burlbaw et al., 2013) Nassir (2014)

Eyring (1997)

1970

1990

| | | |
|------------------------------------|----------------------|------------------------------------|
| Ke (2010) | Lam (2011) | Simpson (2011) |
| D'Ambra (2014) | Farouk (2016) | Kimsesiz, |
| Dolgunsoz, and Konca (2017) | Rocha (2017) | Essien (2018) |
| (2003) | Harris (2014) | Holst |
| (Weast Bohemia) Grant (2017) | Kalabzová (2015) | |
| Nassir (2014) | Jumaat et al. (2017) | Astawa, Artini, and Nitasih (2017) |
| Praba, Artini, and Ramendra (2018) | | |

1.2

(Sajjad, 2009) Munawaroh (2017)

(Munawaroh, 2017)

11 15 20 (2003 . . .) (1986 . . .)
(2010 . . .)

(Richards, 1990 Munro, 2003 Lillis and Scott,
2007 McGraw, 2009)

(2005 . . .) (2009 . . .) (1996 . . .) (2003 . . .)

/ / /

(Munro, 2003 Chokwe, 2011 Nassir, 2014)

(Munro, 2003 Chokwe, 2011)

(2005 . .)

/

2010 . . Mesfin, 2013) (2009 . .) (1993 . .) (1998 . .)
(2001 . .) (2003 . .)

(Simpson, 2011 Nassir, 2014)

(Affective Domain)

(Hogue, 2016)

(Gupta and Woldemariam, 2011)

/

(Banda,

2007 Chokwe, 2011)

/

/

(Silva, 1993)

2009)

(2002)

(2004)

(2009)

(

/

(Farouk, 2016 Jarunthawatchai,

2010 Tangerangpermpoon, 2008)

(Railsback, 2002 Simpson, 2011 Jumaat et al.,
2017)
(Sumarni, 2015 Sharma, 2018)
/

Simpson (2011)

Nassir (2014)

Castaneda (2014)

Farouk (2016)

? Kimsesiz et al. (2017)

/

Astawa et al. (2017)

()

Essien (2018)

Shin (2018)

(Self Efficacy)

Thitvesa (2014)

Daniela (2016)

Rocha (2017)

Ke (2010)

/

/

(Grabe and Kaplan, 1996)

(Burlbaw, et al. 2013)

(Nassir, 2014)

?

?

Simpson (2011)

Thitvesa (2014)

Simpson (2011)

Thitvesa (2014)

Ke (2010)

($t=0.792$, $p=0.430$)

($t=1.464$, $p=0.145$)

Ke (2010)

Thitvesa

(2014) Rocha (2017)

Castaneda (2014)

Shin (2018)

()

(1986 . 2003 .
 2010 . Heaton, 1975 Richards, 1990 Muslim, 2014 Norish,
 1990 Masood, 2013)
 (10)

10

?

-

1.

-

?

2.

(

)

?

3.

?

1.3

1.

2.

(

)

3.

1.

2.

()

3.

1.4

-

-

1.

2.

(

)

3.

1.5

1.

1.1

1.2

1.3

2.

1.6

10

2

2

10

1.7

1.8

-

-

/

/

-

.

-

/

2.1

.

Patel and Jain (2008)

Byrne (1988)

/

(Palmer-Silveria and Ruiz-Garrido, 2007)

/

(Palmer-Silveria and Ruiz-Garrido, 2007)

(

-

/

...)

2.1.1

(Raines,

1983 Richards, 1990 Jozsef, 2001 Mubarak, 2013 Alkhatib, 2015)

2.1.1.1

1960 (Product Oriented-
Approach) (Traditional Paradigm)
(Mubarak, 2013)

/

(Richards, 1990)

Mubarak (2013) Alkhatib

(2015)

(Familiarization) -

(...)

(Mubarak, 2013)

(Controlled Writing) - Mubarak (2013)

" "

Raimes (1983)

/

(Madsen, 1983 Raimes, 1983 Mubarak,
2013)

(Guided Writing) -

Raimes (1983)

/

/

(Free Writing) - Raimes (1983)

2.1.1.2

Mubarak (2013)

Alkhatib (2015)

1970

1980

/

Badger and white (2001) / Hedge (2003) (Mubarak, 2013)
Hyland (2003)

storming/ / Brain
Freeman (2004) Mubarak (2013) Freeman and

()

/Revision/

(Mubarak, 2013 Alkhatib, 2015)

2.1.1.3

Mubarak (2013) Alkhatib (2015)

Mubarak (2013) Cope and Kalantzis (1993)

/

Evans (1997)

Dudley-

2013)

(Mubarak,

- Mubarak (2013) Kim (2007) Swales (1990)
/

/ Mubarak (2013) Byram (2004)

-

/Convention/

/Features/

/

(Jarunthawatchai, 2010 Tangpermpoon, 2008)

2.1.2

Wood (2004)

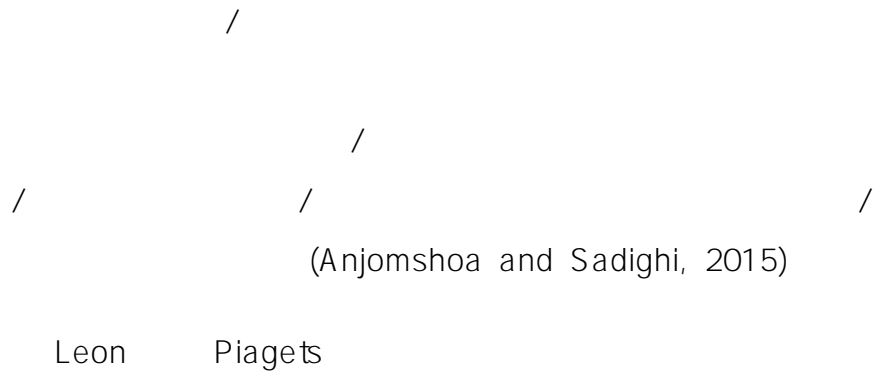
Gustafson et al. (no date)

(Gustafson et al., no date)

2.2

Gopalan, Bakar, Zulkifli, Alwi, and Mat (2017)

Anjomshoa and Sadighi (2015)



(Anjomshoa and Sadighi, 2015)

(Anjomshoa and Sadighi, 2015)



(Anjomshoa and Sadighi, 2015)

and Richard Ryan /Self Determination Theory/ Edward Deci

(Anjomshoa and Sadighi, 2015)

Bandura Albert

(Anjomshoa and Sadighi, 2015)

Brown (2000)

/

/

2.2.1

Francis (2012)

1

2

3

4

5

6

/

/

7

/

Brown (2000) Khodashenas, Amouzegar, Farahani, Hasheminasab,
and Kazemian (2013) Anjomshoa and Sadighi (2015) Gopalan et al. (2017)

/

/

Francis (2012) <https://www.mbaknol.com>

Krashen (1981) Khodashenas et al. (2013) Anjomshoa and
Sadighi (2015) Instrumental/ and Integrative/

/

2.2.2

Francis (2012)

/Unsatisfied need/

/ Tension/

/Drive/

/

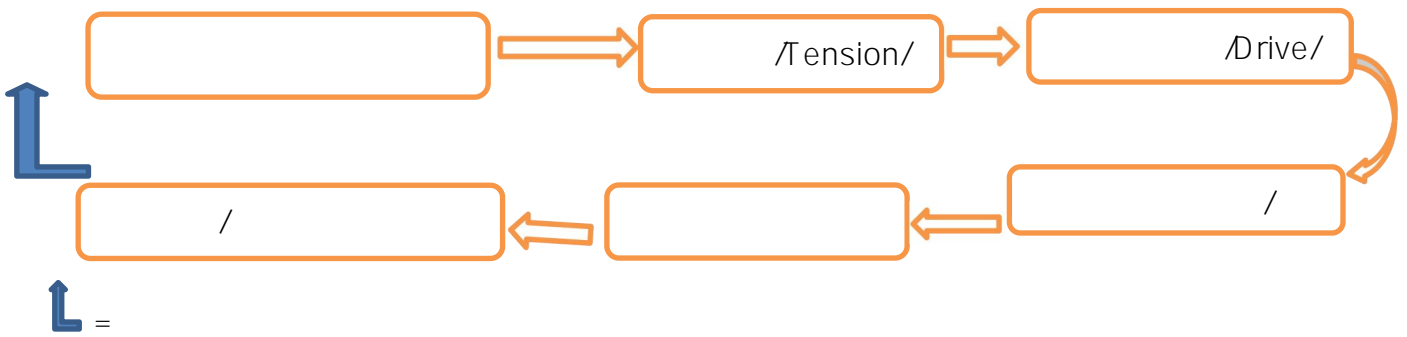
/Search Behavior/

/Satisfied need/

/

/Reduction of tension/

/



1 - (Francis 2012)

2.2.3

Francis (2012)

1

2

/

3

4

5

2.2.4

(Gopalan et al., 2017)

(Al-Shourafa, 2012)

Gupta and Woldemariam (2011)

2.3

/ ... " / ... " / " /

Teach Thought Staff (2019)

Francis (2018) Teach Thought Staff (2019)

1 -
(Francis, 2018 Teach Thought Staff, 2019)

| | |
|--|--|
| | |
| | |
| | |
| | |

| | |
|--|----------------------|
| | |
| | |
| | |
| | |
| | " / "Need to Knows"/ |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | / |

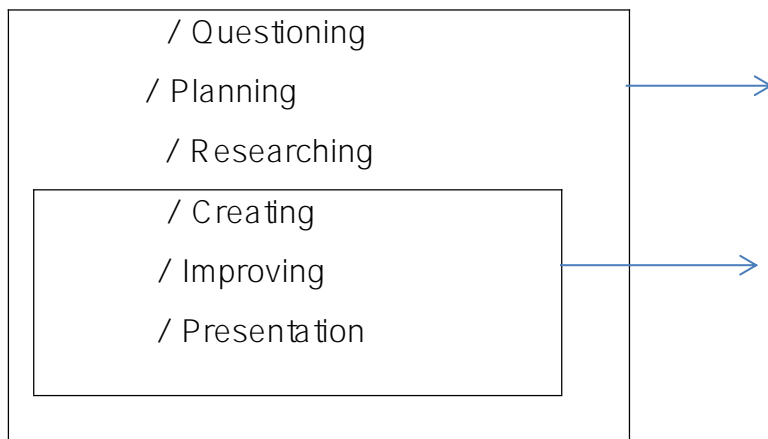
Thoughtful Learning Newsletter (2020)

(Traditional Class)

(Traditional Class)

-

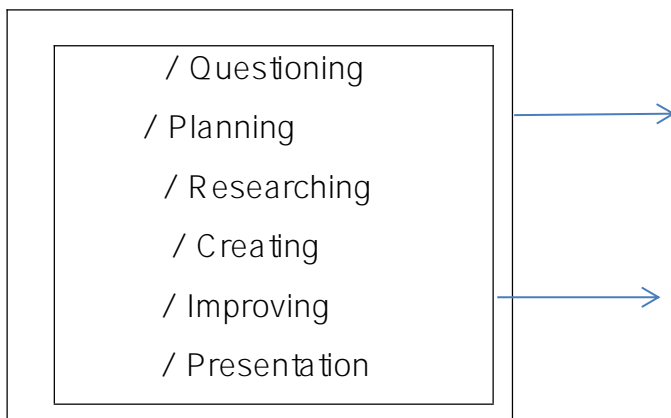
(10 2004)



- 2

(Thoughtful learning Newsletter, 2020)

(/Critical Thinking and
problem solving/ /communication/ /collaboration/
/creativity and innovation/ (Stivers, 2010 Praba, et al., 2018)



(Thoughtful Learning Newsletter, 2020)

/

(-
.)

2.3.1

Simpson (2011) Wolk (1994) Muniandy (2000) Beckett (2006)

David

Snedden

William Heard Kilpatric

Nassir (2014) Eyring (1997)

1970

1990

Kilpatric

Kilpatric

(Nassir, 2014)

?

?

?

Nassir (2014)

" "

"

"

"

"

Simpson (2011) "

"

"

"

"

Thomas (2000)

" "

" "

(Hasa, 2016 Bahagias, 2016)

Affandi and Sukyadi (2016)

"

"

Wibowo and Aji (2017)

"

"

Simpson (2011)

Nassir (2014) Richards and Rodgers (2001)

(Allen, 2004)

(Nassir, 2014)

(Wrigley, 1998 Nassir, 2014)

based learning/
dynamics/

learning by doing/

/action-

/group

/interpersonal communication/

(Nassir, 2014)

Simpson (2011)

Solomon

(2003)

Moss and Van

Duzer (1998)

Simpson (2011)

Fried-Booth (2002)

(Simpson, 2011)

/self-discipline/

(Simpson, 2011)

Nassir (2014)

Nassir (2014) Jumaat et al. (2017) Astawa et al. (2017) Praba et al. (2018)

(Sumarni, 2015 Sharma, 2018)

/

2.3.2

Nassir (2014) Gandini (1997)

Dewey's
doing/

learning by

-

/Student-centeredness/ -

/autonomy/

/Increased motivation/ -

/Cooperative and collaborative/ -

/Learning outcomes/ -

/Balance of process and product/ -

(Nassir, 2014)

Simpson (2011)

/

/complex explorations over a period of

time/

/

/assessment/

(Simpson, 2011)

2.3.4

Nassir (2014) Schuler (2000)

/

Fried-Booth (1986)

/

/

Nassir (2014) Fried-Booth (1986)

8

1. /Stimulus/ -

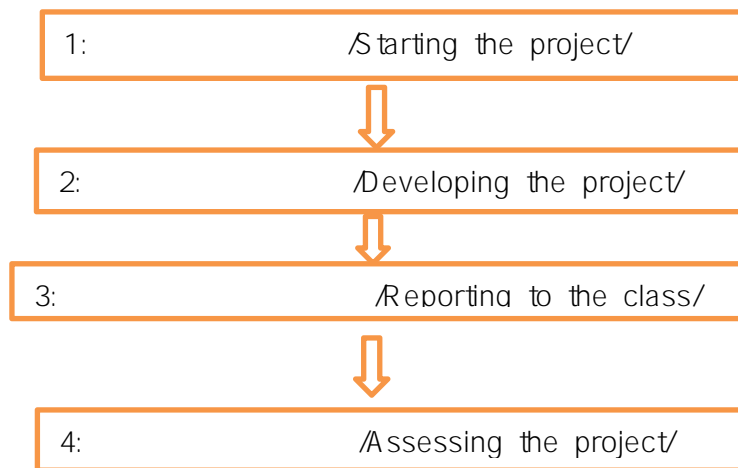
2. /Definition of the Project Objective/ -

3. /Practice of Language Skills/ -

4. /Design of Written Materials/ -

5. /Group Activities/ -
6. /Collection of Information/ -
7. /Organization of Material/ -
8. /Final presentation/ -

Simpson (2011)



4 - (Simpson, 2011 57)

/project outline/

-

-

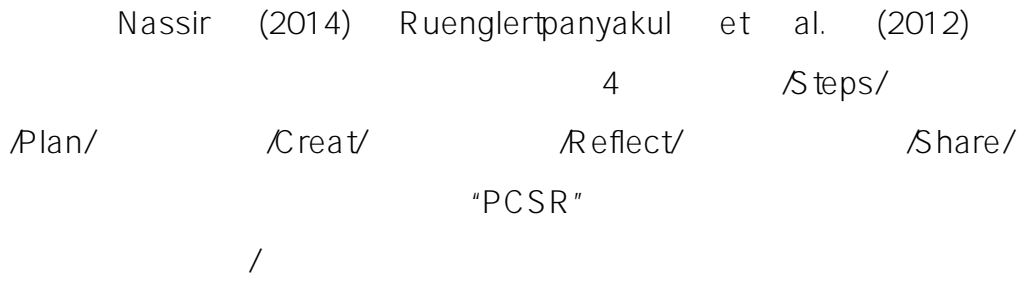
/

/

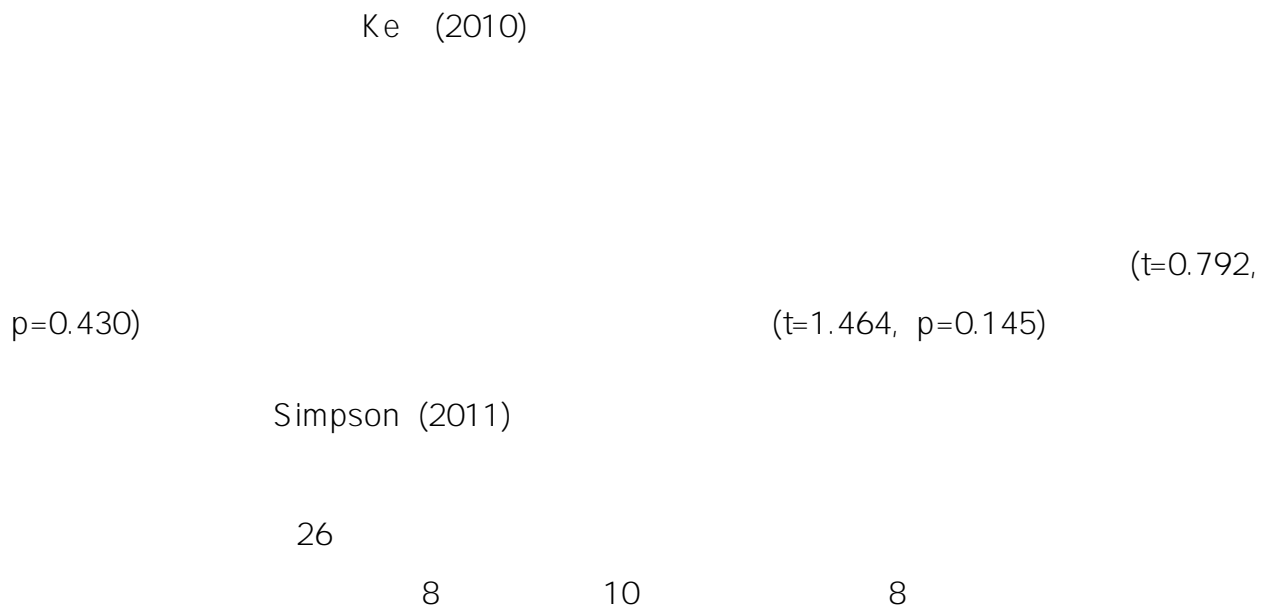
-

/

/



2.4



(Wilcoxon Mached Pairs Sign Rank Test)

(Written Expression)

26

Thitvesa (2014)

(Rajabhat)

38

Castaneda (2014)

8

17

13-15

6

11

Nassir (2014)

9

76 9

Daniela (2016)

8

"What is a hero?"

2-4

Farouk (2016)

?

Kimsesiz et al. (2017)

/

/

5-6

14 (8 6)

14 (8 6)

8

/

Astawa et al. (2017)

()

7

28

Rocha (2017)

10

15-18

Essien (2018)

(Rajabhat)

81 3

Shin (2018)

(Self Efficacy)

79

2.5

Taveau (2005) Gülbahar and Tinmaz (2006) (Simpson, 2011) Sidman-
Simpson (2011)

(Gülbahar and Tinmaz, 2006)

Vygotsky (1978)
(2010) Cazden, 1996

Simpson (2011)

(Sidman-Taveau, 2005)

/

/Scaffolding/

/Scaffolding/

(Hammond and Gibbons, 2001) Simpson (2011)

/scaffolding/

/scaffolding/

Melin, Axelsson and Wedlund (2006)

- / Overall Course Design

✓

✓

✓

✓

- /Project Task/

(Melin et al., 2006)

➤ /Relevant and Autentic/ -

➤

➤

• /Project Group/

Melin et al. (2006)

/
(

.) /

• / /Examination/

/ /

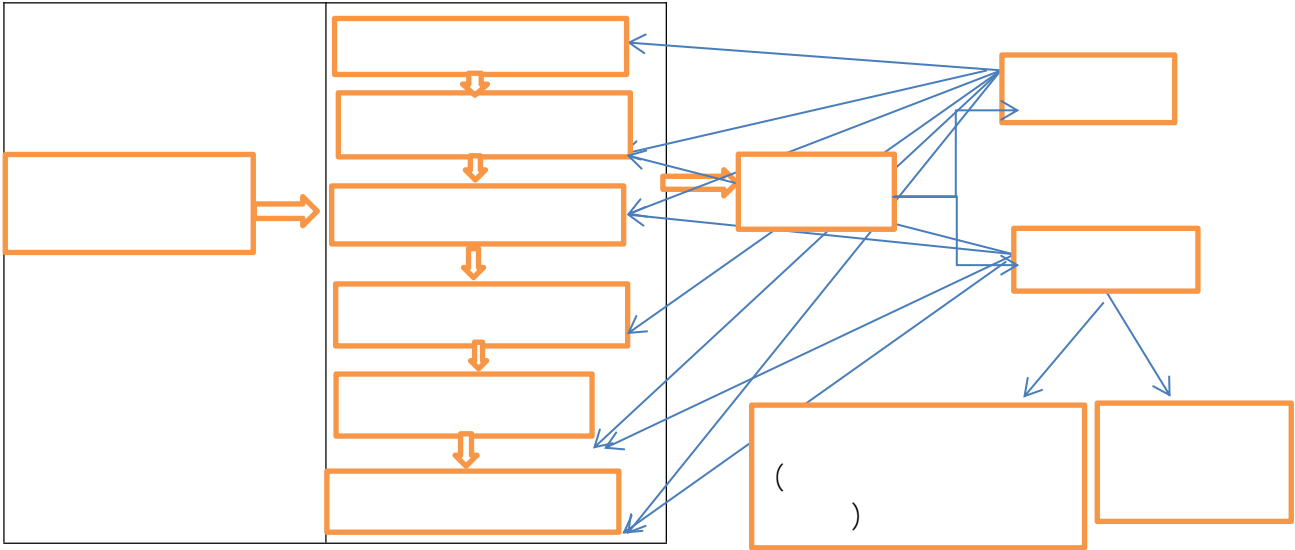
(Melin et al., 2006)

- /Feedback/

-
-
-
-
-
-

- / Course evaluation and Improvement/

/



5 -

(Melin et al., 2006)

/

/

/

/

/

/

/

/

/

/

-

3.1

(quasi-expermental)

| | | |
|---------------|---|---|
| | | |
| | ✓ | ✓ |
| | ✓ | ✓ |
| Intervention/ | ✓ | - |
| | ✓ | ✓ |
| | ✓ | ✓ |

2 -

3.2

?

?

(

)

2013

10

10

10

9

10

11

12

12

64

9

10

11

10

-

12

2014 .

1182 10

540 642

22 53 54

22

10 Q 10 R

(25 28)

10 R 10 Q

3.3

3.3.1

) (

()

10

(6)

10

(11)

0.785

0.884

Jacobs

et al. (1981 30)

(Cronbach's Alpha Based on Standardized Items) 0.705

0.956

0.829

0.850

2/2014 .

13/2014

16/2014

3.3.2

| | | | |
|--------------|---|--------------|----|
| | | Payne (2012) | 37 |
| (2009) | 6 | | 43 |
| Payne (2012) | | | |

1 37

37

2 11

11

17 29

17

21 21 35 / 4 5
10

10

14 26
" "

(5

)

5

(=5)

(=4)

(=3)

(=2)

(=1)

37

10

(

12)

0.862

3/2014

13/2014

16/2014

17/2014

3.4

10
10 Q

10 Q 10 R
 10
 10 R

(

47 48)

3.5

(

)

10

(

)

(

)

10

10

22

1182

(10 Q

10 R)

94

(

53

54

47

47

94

)

2/2014 .

3/2014 .

10 Q

10 R

10 Q 10

10 R

8/2014

13/2014 .

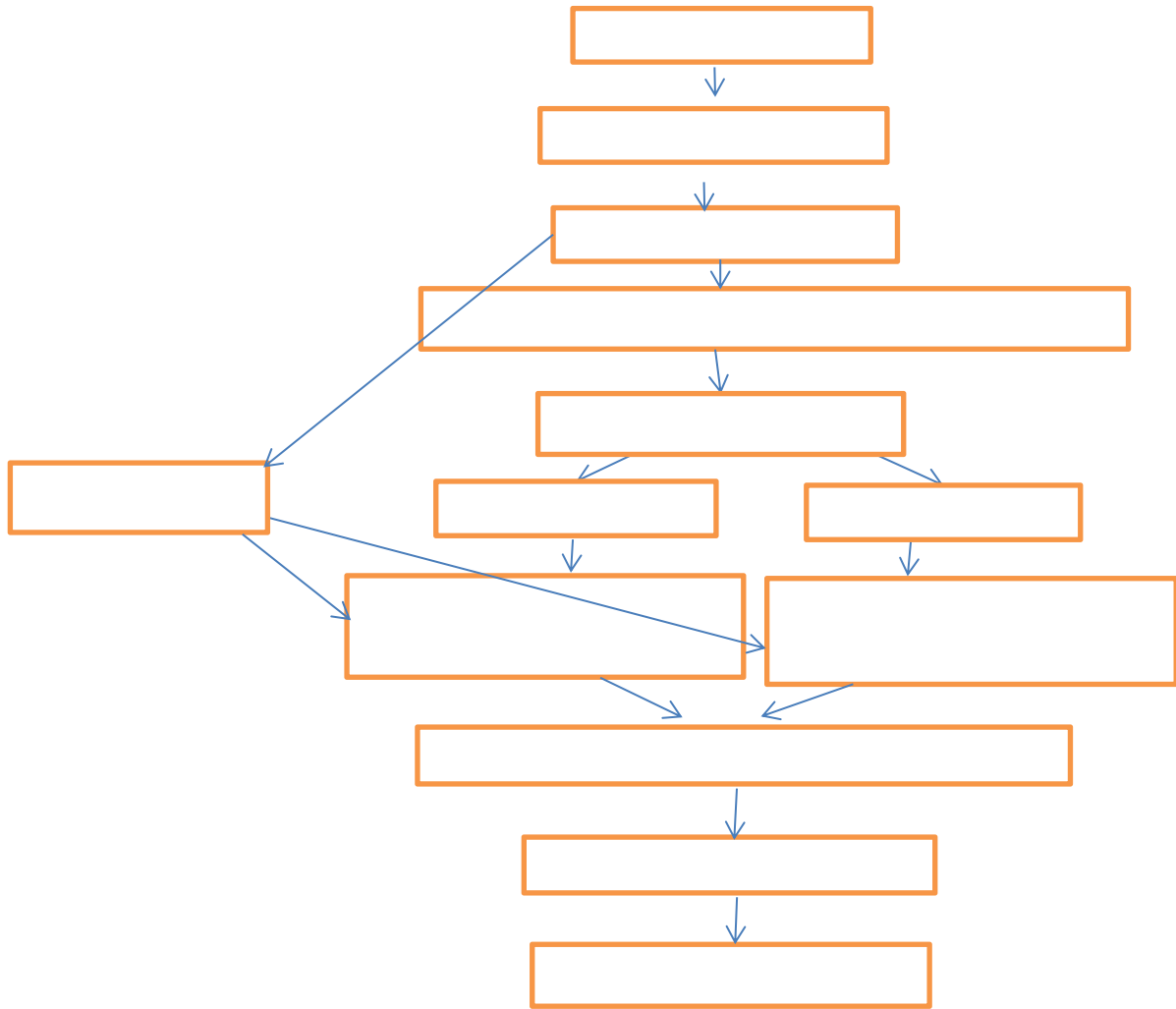
16/2014 .

17/2014 .

10

()

/Parametric Tests/



- 6

3.6

()

/Parametric Tests/

(Multivariate Analysis of Variance, MANOVA)

(Sample Size)

50

(Tests of Normality)

0.05 (53)

(Multivariate normality-Mahalanobis)

Value) 20.52 ((Critical Value) 13.82

16.591 12.889

12.689

8.014 (53)

(Variance Inflation Factor)

5

5 (53)

(Equality of Covariance Box's Test)

0.001

(/ Multivariate
Analysis of Variance, MANOVA)

(10 R 10 Q)

Multivariate Analysis of Variance,
MANOVA)

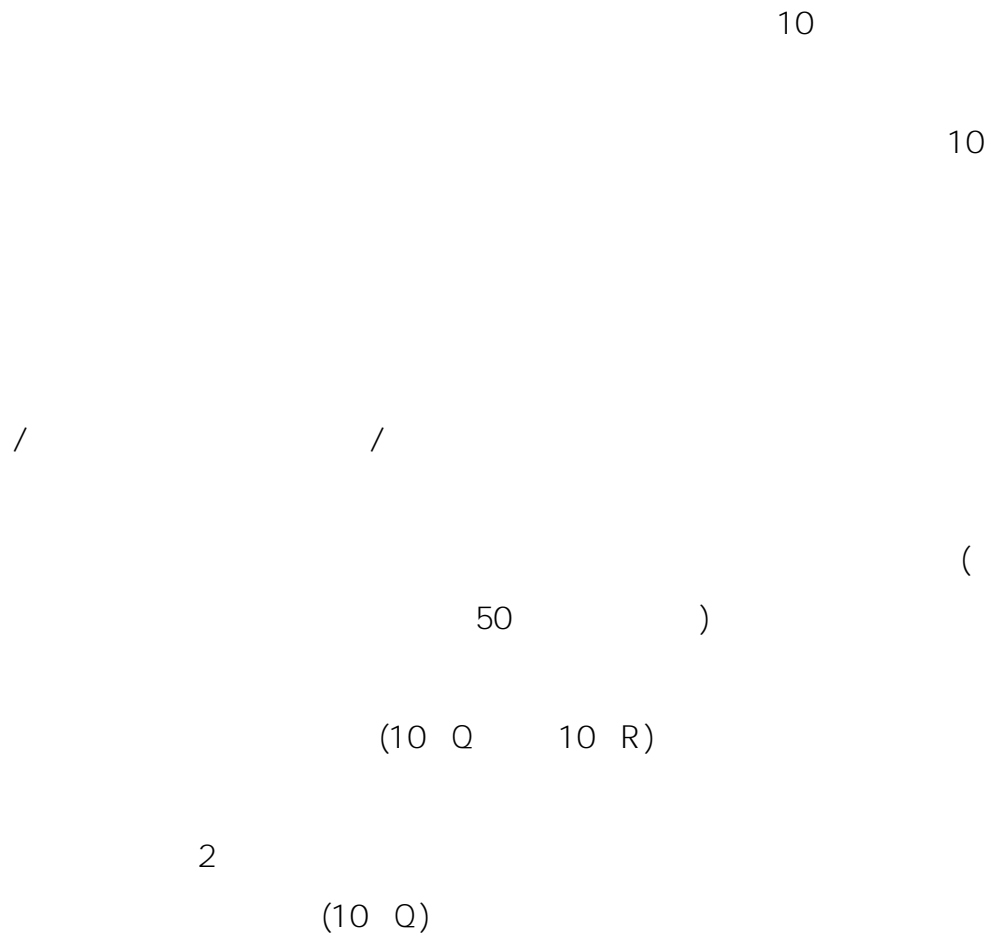
(
)
(10 R 10 Q)

Multivariate
Analysis of Variance, MANOVA)

(10 R 10 Q)

(Multivariate Analysis of Variance,
MANOVA)

3.7



3.8



10

/
10

✓

"

"

✓

✓

8/2014

13/2014

✓

✓

/

/

/

/

✓

2

-

(4 5)

(Pre Pilot Study)

(Pilot Study)

()

(

)

(

)

-

(level of Singificance)

$P < 0.05$

4.1

❖

-

1.

?

2.

(

)

?

3.

?

(Multivariate Analysis of

Variance, MANOVA)

) 10 (47 94
()

(MANOVA)

? (10 Q 10 R)
?

10 Q 10 R

(MANOVA)

3 - 10 Q 10 R

(MANOVA)

| | | | | | | | | |
|--|------|----|--------|-------|------|------|------|-------|
| | | | | | (f) | | | |
| | 10 Q | 47 | 54.365 | 5.312 | .646 | 1,92 | .424 | 0.007 |
| | 10 R | 47 | 53.578 | 4.111 | | | | |

- 0.79

10 Q (M=54.365)

(SD=5.312)

10 R

(M=53.578)

(SD=4.111)

0.79

/Parametric Tests/

(MANOVA)

(sig.(2-tailed))

(f(1,92)=.646)

(P=.424) 0.05

10 Q

10 R

10 Q

10 R

?

?

?

10 Q

10 R

4 -

10 Q

10 R

(MANOVA)

| | | | | | (f) | | | |
|--|------|----|--------|-------|-------|------|-------|-------|
| | 10 Q | 47 | 16.106 | 1.875 | 0.062 | 1,92 | 0.804 | 0.001 |
| | 10 R | 47 | 16.021 | 1.399 | | | | |
| | 10 Q | 47 | 11.113 | 2.057 | 0.132 | 1,92 | 0.717 | 0.001 |
| | 10 R | 47 | 10.993 | 0.969 | | | | |
| | 10 Q | 47 | 11.518 | 2.299 | 0.838 | 1,92 | 0.362 | 0.009 |
| | 10 R | 47 | 11.163 | 1.329 | | | | |
| | 10 Q | 47 | 13.099 | 2.212 | 0.283 | 1,92 | 0.596 | 0.003 |
| | 10 R | 47 | 12.879 | 1.774 | | | | |
| | 10 Q | 47 | 2.528 | 0.338 | 0.009 | 1,92 | 0.923 | 0.000 |
| | 10 R | 47 | 2.521 | 0.369 | | | | |

- 0.085 0.12 0.355
0.22 0.007

10 Q

10 R

10 Q

(M=16.106)

(SD=1.875)

10 R

(M=16.021)

(SD=1.399)

0.085

10 Q 10 R

(sig.(2-tailed))

(f(1,92)=.062)

(P=0.804) 0.05

10 Q

10 R

4

10 Q

(M=11.113)

(SD=2.057)

10 R

(M=10.993)

(SD=0.969)

10 Q

10 R

0.12

10 Q

10 R

(sig.(2-tailed))

(f(1,92)=0.132)

(P=0.717)

0.05

10 Q

10 R

4

10 Q

(M=11.518)

(SD=2.299)

10 R

(M=11.163)

(SD=1.329)

0.355

| | | | | |
|-------------------|----------------|-----------------|-------------------|-----------------|
| | | | (sig. (2-tailed)) | (f(1,92)=0.838) |
| | (P=0.362) | | | 0.05 |
| 10 Q | | 10 R | | |
| | 4 | | | |
| (| 10 Q | 10 R) | | |
| | 10 Q | (M=13.099) | | (SD=2.212) |
| | | 10 R | (M=12.879) | |
| (SD=1.774) | | | | |
| | 0.22 | 10 Q | 10 R | |
| (sig. (2-tailed)) | | (f(1,92)=0.283) | | (P=0.596) |
| | | 0.05 | | |
| (| 10 Q | 10 R) | | |
| | 10 Q (M=2.528) | | (SD=0.338) | |
| | 10 R (M=2.521) | | (SD=0.369) | |
| | | | | 0.007 |
| | | | (sig. (2-tailed)) | (f(1,92)=0.009) |
| (P=0.923) | | | | 0.05 |
| | | 4 | | |
| | 10 Q | 10 R | | |

5 - 10 Q 10 R

(MANOVA)

| | | | | | | | | |
|--|------|----|-------|-------|-------|------|-------|-------|
| | | | | | (f) | | | |
| | 10 Q | 47 | 3.282 | 0.399 | 0.091 | 1,92 | 0.764 | 0.001 |
| | 10 R | 47 | 3.258 | 0.358 | | | | |

- 0.024

10 Q (M=3.282)

(SD=0.399)

10 R

(M=3.258)

(SD=0.358)

0.024

/Parametric Tests/

(MANOVA)

92

f- 0.091

(Sig. (2-tailed))

(f(1,92)=0.091)

0.05

(p=0.764)

10 Q 10 R

10 Q

10 Q 10 R
10 R

"

"

"

"

"

"

(MANOVA)

6 -

(MANOVA)

| | | | | | (f) | | | |
|--|--|----|--------|-------|---------|------|-------|-------|
| | | 47 | 53.975 | 3.620 | 130.556 | 1,92 | 0.000 | 0.587 |
| | | 47 | 62.305 | 3.446 | | | | |

- 8.33

(10 Q)
(SD=3.620)
(M=62.305)

(M=53.975)
(10 R)
(SD=3.446)
8.33

(MANOVA)
(p=0.000)
0.05
 $\eta^2=0.587$

(sig.2-tailed) (f(1,92)=130.556)
(p=0.000)
(Partial

(E ta Squared) (p=0.000)
Chohen (1888)
(Partial $\eta^2=0.587$)

58.7%

"
()
?"
"
()
"
()
"

"

7 -

(MANOVA)

| | | | | | (F) | | | |
|--|--|----|--------|-------|--------|------|-------|-------|
| | | 47 | 15.993 | 1.539 | 31.056 | 1,92 | 0.000 | 0.252 |
| | | 47 | 18.276 | 2.350 | | | | |
| | | 47 | 11.219 | 1.664 | 38.1 | 1,92 | 0.000 | 0.293 |
| | | 47 | 12.993 | 1.053 | | | | |
| | | 47 | 11.333 | 1.738 | 28.645 | 1,92 | 0.000 | 0.237 |
| | | 47 | 13.113 | 1.477 | | | | |
| | | 47 | 13.085 | 2.13 | 15.813 | 1,92 | 0.000 | 0.147 |
| | | 47 | 14.858 | 2.192 | | | | |
| | | 47 | 2.344 | 0.304 | 74.152 | 1,92 | 0.000 | 0.446 |
| | | 47 | 3.064 | 0.486 | | | | |

- 2.283

1.774

1.78

1.773

0.72

7

(10 Q)

(10 R)

(10 Q)

(M=15.993)

(SD=1.539)

(10 R)

(M=18.276)

(SD=2.350)

2.283

92

(Sig.(2-tailed))

(f(1,92)=31.056)

(p=0.000)

(p=0.000) 0.05

*Partial η*²=0.252

Chohen (1888)

(E ta Squared)

25.2%

(10 Q)

(10 R)

2

(10 Q)

(M=11.219)

(SD=1.664)

(10 R)

(M=12.993)

(SD=1.053)

1.774

(Sig.(2-tailed))

(f(1,92)=38.1)

(p=0.000)

(p=0.000) 0.05

*Partial η*²=0.293

Chohen

(1888)

(E ta Squared)

29.3%

3

7

(10 Q)

(M=11.333)

(SD=1.738)

(10 R) (M=13.113) (SD=1.477)

1.78

(Sig.(2-tailed)) (f(1,92)=28.645)

(p=0.000) 0.05 0.05

(*Partial* $\eta^2=0.237$)

Chohen (1888) (E ta Squared)

23.7%

4

(10 Q) (M=13.085) (SD=2.13)

(10 R) (M=14.858)

(SD=2.192)

1.773

(Sig.(2-tailed)) (f(1,92)=15.813)

(p=0.000) 0.05

(*Partial* $\eta^2=0.147$) Chohen (1888) (E ta Squared)

14.7%

(10 Q)

(M=2.344)

(SD=0.304)

(10 R)

(M=3.064)

(SD=0.486)

0.72

(Sig.(2-tailed))

(f(1,92)=74.152)

(p=0.000)

0.05

(Partial $\eta^2=0.446$)

Chohen (1888)

(E ta Squared)

44.6%

"

?"

"

"

"

"

(MANOVA)

8 -

(MANOVA)

| | | | | | | | | |
|--|--|----|-------|-------|---------|----|-------|------|
| | | | | | (f) | | | |
| | | 47 | 3.028 | 0.519 | 195.847 | 92 | 0.000 | 0.68 |
| | | 47 | 4.285 | 0.332 | | | | |

1.257

8

(10 Q)

(10 R)

(MANOVA)

(M=3.028)

(0.519)

(M=4.285)

(SD=0.332)

1.257

(M=3.028)

(M=4.285) 1.257

(MANOVA)

(sig. (2-tailed))

(f(1, 92)=195.847)

(p=0.000)

(Partial $\eta^2=0.68$)

Chohen (1888)

(Eta Squared)

68%

4.2

"

"?"

"

"

"

"

(MANOVA)

($f(1,92)=130.556$ $p=0.000$ $\eta^2=0.587$)

Chohen (1888)

(E ta Squared)

"

"

"

"

($\eta^2=0.587$)

58.7%

9

Simpson (2011)

Nassir (2014)

Thitvesa (2014)

Ke (2010)

3

Simpson (2011)

26

($p=0.01$)

Nassir (2014)

76 9

(p=0.000)

($\eta^2 = 0.512$)

(p=0.000)

($\eta^2 = 0.282$)

Thitvesa (2014)

38

(Rajabhat)

Thitvesa (2014)

Thitvesa

-

Ke (2010)

80

103

183

(t=0.792 p=0.430)

()

Astawa et al. (2017)

Astawa et al. (2017)

28 7

(p=0.000)

(2023) Fitria and Abidin (2023) Arochman, et al. (2024) Hakimah
Izzeldeen (2017)

Arochman, et al.
39 3

P=0.000

39

./ /
()
/

Hakimah (2023)

42 SMP Negeri

9 D

ANOVA

P=0.000

Hakimah

Arochman, et al. (2024)

) /

(

/

Hakimah (2023)

Hakimah

Fitria and Abidin (2023)

(SMP)

28 (10

18)

56.5

70

12.6%

Fitria and Abidin (2023)

...

Fitria and Abidin

(2023)

Izzeldeen (2017)

2

9 A

B

34

9 A

35

9 B

9 B

9 A

(p=0.029 P=0.11)

Lam (2011) Petersen (2014) Kavlu (2017)
Syarifah and Emiliasari (2018) Praba et al. (2018) Essien (2018)

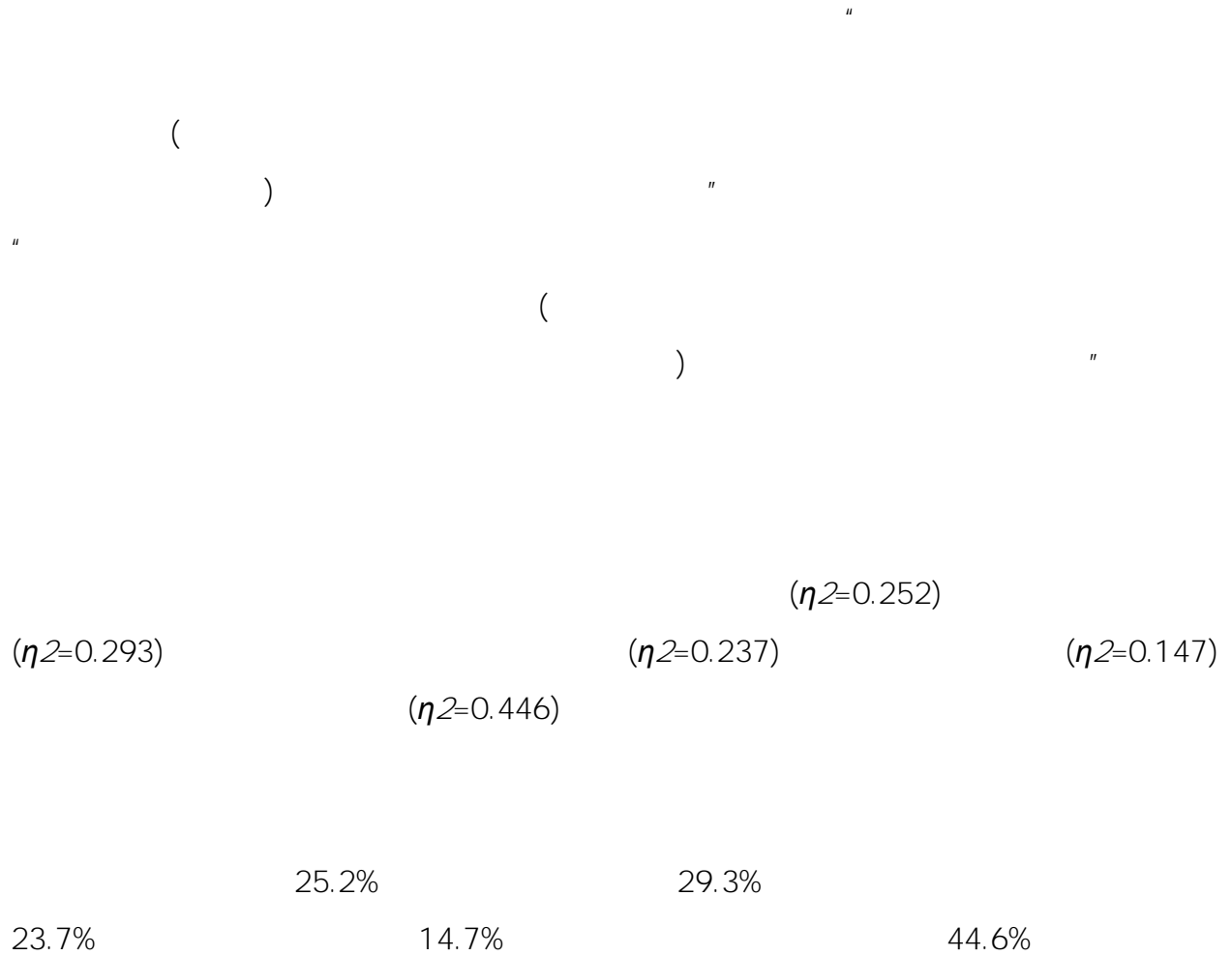
"
()
?"
"
() "
"
()
"

(f(1,92)=31.056 p=0.000 $\eta^2=0.252$) (f(1,92)=38.1
p=0.000 $\eta^2=0.293$) (f(1,92)=28.645 p=0.000
 $\eta^2=0.237$) (f(1,92)=15.813 p=0.000 $\eta^2=0.147$)

(f(1,92)=74.152 p=0.000 $\eta^2=0.446$)

Chohen (1888)

(E ta Squared)



Thitvesa (2014) Arochman, et al. (2024)
 Thitvesa (2014)
 Thitvesa (2014) 38
 (Rajabhat)

Thitvesa

-

Arochman, et al. (2024)

39

3

()

Thitvesa (2014)

Arochman, et al. (2024)

"

?"

"

"

"

"

(MANOVA)

$(f(1, 92)=195.847 \quad p=0.000 \quad \eta^2=0.68)$

Chohen (1888)

(E ta Squared)

"

"

"

"

$(\eta^2=0.68)$

68%

8

Castaneda (2014)

17

Shin (2018)

Shin (2018)

79

(p=0.000)

Hilvonen and Ovaska (2010)

Liu et al. (2004)

Izzeldeen (2017)

Izzeldeen (2017)

2

34 9 A

35 9 B

10

25

-

5.1

"

"?"

"

"

"

"

"

(

)

"?"

"

(

)

"

"

(

)
"

"

"
?"

"

"

"

"

10

12

107

0.785
0.884
0.862
0.7

/Parametric Tests/

()
()
(p=0.000)
()
(p=0.000 $\eta^2=0.587$)

(
 $\eta^2=0.147$) (p=0.000 $\eta^2=0.252$) (p=0.000 $\eta^2=0.293$)
(p=0.000 $\eta^2=0.237$) (p=0.000
(p=0.000 $\eta^2=0.446$) (p=0.000

(p=0.000)

($\eta^2=0.68$)

(
)

5.2

/

/

1.

2.

3.

/

/

/

5.3

❖

/

❖

/

❖



(1 -8)

?

()

()



2

2

(2003)
// []
] (1992 . . .) " ?" 7
.6 21-28
(2009)
[]
(2004)
-
/
[]
(2005) (2)
(2003) (2)
(1993)
[]
(1996)
(2010)
[]

(2001) 11 [)]

(1998) 11 []

(2009) []

(2010) []

(2004) []

10 - []

(2010) / / / []

(Perception) []

(1986) 11 []

(2002) 25/67 []

[]

- Affandi, A. and Sukyadi, D. (2016). Project-Based learning and problem-based learning for EFL students' writing achievement at the tertiary level. *Rangsit Journal of Educational Studies*, 3(1), 23-40.
- Alkhatib, N. I. M. (2015). *Written corrective feedback at a Saudi university: English language teachers' beliefs, students' preferences, and teachers' practices*. [Unpublished doctoral dissertation, University of Essex].
- Allen, L. Q. (2004). *Implementing a culture portfolio project with in a constructivist paradigm*. *Foreign Language Annals*, 37(2), 232-239. Accessed on 19/08/2011e.c. 2:58am
- Al-Shourafa, A. (2012). The effect of motivation on Jordanian 10th grades student' writing skill in English. *European Scientific Journal*, 8(22), 235-247.
- Anjomshoa, L. and Sadighi, F. (2015). The importance of motivation in second language acquisition. *International Journal on Studies in English Language and Literature*, 3(2), 126-137.
- Arochman T., Achmad S. and Ashadi A. (2024). The effect of project-based learning on English writing skill for EFL learners. *Journal of Pedagogical Research*, 8(2).
- Astawa, N. L., Artini, L. P. and Nitiasih, P. K. (2017). Project Based Learning Activities and EFL Students' Productive Skills in English. Ganesha University of Education; Bali: Indonesia. *Journal of Language Teaching and Research*, 8(6), 1147-1155.
- Bahagia, S. B. (2016). *Approach, method, strategy, technique: The Differences*. <https://sehatbugarr.blogspot.com>
- Banda, F. (2007). *Study groups and peer roles in mediated academic literacy events in multilingual educational contexts in south Africa*. University of the Western Cape, *Stellenbosch Papers in Linguistics*, 37, 1-21.
- Beckett, G. H. & Slater, T. (2005). The project framework: a Tool for language, content, and skills integration. *ELT Journal*, 59(2), 108-116.

- Blumenfeld, P. C., Soloway, E., Max, R. W., Krajcik, J., Guzdial, M., and Palincsar, A. (1991). Motivating project based learning: Sustaining the doing, supporting the learning. *Journal of Educational Psychologist*, 26(3&4), 369-398.
- Brown, H. D. (2000). *Principles of language learning and teaching*. New York: Longman.
- Burlbaw, L. M., Ortwein, M. J., and Williams, J. K. (2013). *STEM project-based learning: An integrated science, technology, engineering, and mathematics (STEM) Approach* (2nd ed.). Rotterdam/ Boston/ Taipei; Sense Publishers.
- Byrne, D. (1988). *Teaching writing skills*. Hong Kong: Longman Group (FE) Ltd.
- Castaneda, R. J. (2014). *English teaching through project based learning method in rural area*. Colombia. Accessed on 19/05/2011e.c. 5:55am. From <http://www.scielo.org>.
- Cazden, C. (1996). Selective traditions: Readings of vygotsky in writing pedagogy. In D. Hicks (Ed.), *Discourse, Learning, and Schooling* (165-185). Cambridge: Cambridge University Press.
- Chase, B. J. (2011). *An analysis of the argumentative writing skills of academically under prepared college students*. [Unpublished Doctoral Dissertation, Columbia University].
- Chohen, J. (1888). *Statistical power analysis for the behavioral sciences*. Hillsdale, NJ. Erlbaum.
- Chokwe, M. J. (2011). *Academic english in writing in English second language contexts: Perception and experiences of first year university students and tutors*. [Unpublished Master's Thesis, University of South Africa].
- Clark, A. M. (2006). Changing classroom practice to include the project approach. *Early Childhood Research and Practice*, 8(2). Accessed on 14/08/2011e.c. 5:10am. From <http://ecrp.uiuc.edu/v8n2/clark.html>
- Curtis, D. (2002). The power of projects. *Educational Leadership*, 60(1), 50-53. Accessed on 14/08/2011e.c. 3:58am. From [http://www.ascd.org/;](http://www.ascd.org/)

- D'Ambra, L. N. (2014). *a Case study of project-based learning in an elementary school setting*. [Unpublished Master's Thesis, University of Rhode Island].
- Daniela, V. (2016). *Developing speaking skills through project based learning. Santiago*. Alberto Hurt Ado University. Accessed on 14/08/2011 ec. 5:10am. From <https://pdfs.semanticscholar.org/>.
- Ellis, R. (1994). *The study of second language acquisition*. Great Britain: Oxford University Press.
- Essien, A. M. (2018). The effects of project-based learning on students' english language ability [Conference session]. *The 2018 International Academic Research Conference in Vienna*, 438-443.
- Farouk, I. (2016). a Project-based language learning model for improving the willingness to communicate of EFL students. Japan; *Otaru University of Commerce*, 4(2), 11-18. Accessed on 14/08/2011 ec. 9:10am. From <http://creativecommons.org>.
- Fitria, and Abidin M. (2023). The implementation of project-based learning to improve students' participation and interaction in learning arabic language: a Focus on writing skills. *At-Tasyrih Jurnal Pendidikan dan Hukum Islam*, 9(2), 196-206.
- Francis, A. (2012). *Motivation- definition, process, types, features and importance*. Accessed on: 01-09-2011EC 05:10am From: <https://www.mbaknol.com>
- Francis, E. M. (2018). *Why must it be doing projects VS. project based learning? Why not* Accessed on: 10/05/2012 e.c. 4:30 am. From: <http://maverikeducation.com>.
- Gopalan, V., Bakar, J. A., Zulkifli, A. N., Alwi, A., and Mat, R. C. (2017). *a Review of the motivation theories in learning* [Conference session]. University Utara Malaysia. The 2nd International Conference of Applied Science and Technology. Published by AIP Publishing.

- Grabe, W. and Kaplan, R. B. (1996). *Theory and Practice of Writing*. London: Longman.
- Grant, S. (2017). Implementing project based language teaching in an asian context a University EAP writing course case study from macau. University of Macau: *Asian Pacific Journal of Second and Foreign Language Education*. Accessed on 15/08/2011ec. 9:15am. From <https://sfleducation.springeropen.com/>
- Gülbahar, Y., and Tinmaz, H. (2006). Implementing project-based learning and portfolio assessment in an undergraduate course. *Journal of Research on Technology in Education*, 38(3), 309-320.
- Gupta, D. and Woldemariam, G. S. (2011). The influence of motivation and attitude on writing strategy use of undergraduate EFL students: quantitative and qualitative perspectives. *The Asian EFL Journal Quarterly*, 13(2).
- Gustafson, B., Tran, L., and Buck, J. (No Date). *Why is writing so importance?* Accessed on 14/08/2011ec. 2:45am. From <http://home.utah.edu/>.
- Hakimah, N. (2023). Assessing the impact of project-based learning on students' writing skills: a Pre experimental study. *Journal of Teaching & Education*, 5(2).
- Hammond, J., and Gibbons, P. (2001). What is scaffolding? In J. Hammond (Ed.), *Scaffolding: Teaching and Learning in Language and Literacy Education*, 1-14. Newtown, NSW, Australia: PETA.
- Harris, M. J. (2014). *The challenges of implementing project based learning in middle schools*. [Unpublished Doctoral Dissertation, University of Pittsburgh].
- Hasa, (2016). *Difference between approach and method*. <https://pediaa.com>.
- Heaton, J. B. (1975). *Writing English language tests*. London: Longman INC.
- Hilvonen, J. and Ovaska, P. (2010). *Student motivation in project-based Learning*. Saimaa University of Applied Sciences. Lappeenranta, Finland.

- Hogue, M. E. (2016). Three domains of learning: Cognitive, affective and psychomotor. *The Journal of EFL Education and Research*, 2(2).
- Holst, J. K. (2003). *Implementing project based learning in pre-service teacher education*. Nanyang Technological University: Singapore. Conference Proceedings.
- Hyland, K. (2004). *Genre and second language writing*. Michigan: The University of Michigan Press.
- Hyland, K..(2009). *Teaching and research writing* (2nd ed.). London: Pearson Education Ltd.
- Izzeldeen, R. (2017). *The effectiveness of project-based learning on students achievement and motivation towards english in an EFL environment* [Unpublished masters thesis, Hebron University].
- Jacobs, H. L., Zinkgraf, A. A., Wormuth, D. R., Hartfiel, V. F., and Hughey, J. B. (1981). *Testing ESL composition: a Practical approach*. Rowley: Newbury House Publishers, Inc.
- Jacobs, G. M. (1988). *Cooperative goal structure*. Cambridge: Cambridge University Press.
- Jarunthawatchai, W. (2010). *a Process-genre approach to teaching second language writing: Theoretical perspective and implementation in a thai university setting*. [Unpublished Doctoral Dissertation, Southampton University].
- Jozsef, H. (2001). *Advanced writing in English ASA foreign language a corpus-based study of processes and products*. University of Pecs. Published by Lingua Franca Csoport
- Jumaat, N. F., Tasir, Z., Halim, N. D., and Ashari, Z. m. (2017). Project based learning from constructivism point of view. *United States American Publisher*, 23(8). University Technology Malaysia. Accessed on 02/04/2011 e.c. 5:07 am. From <https://www.researchgate.net>

- Kalabzová, M. (2015). *The application of project based learning in the english classrooms*. [Unpublished Master's Thesis, West Bohemia University].
- Kavlu, A. (2017). Implementation of project based learning (PBL) in EFL (english as a foreign language) classrooms in fezalar educational institutions (Iraq). *International Journal of Social Sciences & Educational Studies*, 4(2).
- Ke, L. (2010). Project based college english: An approach to teaching non-english majors. Xinjiang Normal University, *Chinese Journal of Applied Linguistics (Bimonthly)*, 33(4).
- Kemp, R. L. (2004). The impact of gender-specific and mixed-gender cooperative groups on female gifted students using computer-assisted, problem based learning. *Journal of Research on Technology in Education*, 35(4), 473-487.
- Khodashenas, M. R., Amouzegar, E., Farahani, S. K., Hasheminasab, S. G., and Kazemian, V. (2013). Review article: Role of motivation in language learning. Iran: *International Research Journal of Applied and Basic Sciences*, 6(6), 766-773.
- Kimsesiz, F., Dolgunsoz, E., and Konca, M. Y. (2017). The effect of project based learning in teaching EFL vocabulary to young learners of english: The case of pre-School children. *International Journal of Languages' Education and Teaching*, 5(4), 426-439.
- Kokotsaki, D., Menzies, V. and Wiggins, A. (2016). Project pased learning: a Review of the literature. Durbham University: SAGE Publications. *Improving Schools*, 19(13), 267-277.
- Krashen, S. (1981). *Second language acquisition and second language learning*. University of Southern California: Pergamon Press Inc.
- Lam, N. T. (2011). Project based learning in teaching english as a foreign language. Vinh University; Vietnam. *VNU Journal of Science, Foreign Languages*, 27, 140-146.
- Larsen-Freeman, D. (1986). *Techniques and principles in language teaching*. New York: Oxford University Press.

- Lillis, T. and Scott, M. (2007). Defining academic literacies research: Issues of epistemology, ideology and strategy. *Journal of Applied Linguistics*, 4(1), 25-32.
- Littlewood, W. (1981). *Communicative language teaching*. New York: Cambridge University Press.
- Liu W.C., Divaharan, S., Peer, J., Quek, C.L., Wong, F.L.A., and Williams, M.D. (2004). *Project-based learning and students' motivation: The singapore context* Nanyang Technological University; Singapore.
- Madsen, H.S. (1983). *Techniques in testing*. Oxford: oxford university press.
- Markham, T. (2011). Project based learning. *Teacher Librarian*, 39(2), 38-42.
- Masood, A. (2013). Exploiting authentic materials for developing writing skills at secondary level. Allama Iqbal Open University; Pakistan. *Journal of Literature, Languages and Linguistics*, 1.
- McGraw, H. (2009). *Writer's choice: grammar and composition*. Macmillan: McGraw Hill Publishers.
- Melin U., Axelsson K., and Wedlund T. (2006). *Project-based learning: An emergent framework for designing courses* [conference sessions]. the information systems education conference 2006. Linköping University; Sweden: Linköping University Electronic Press. Accessed on: 09/09/2011 9:25 pm From. <https://www.diva-portal.org>.
- Mesfin Aberra (2013). *An explanatory study on the implementation of the process approach to the teaching learning of the course basic writing skills in the case of hawassa university*. [Unpublished doctoral dissertation. Addis Ababa University].
- Moss, D., and Van Duzer, C. (1998). *Project-based learning for adult english language learners*. (ERIC Reproduction Services No. ED 427-556). Accessed on 01/04/2011e.c. 5:30am. From <https://files.eric.ed.gov/>.

- Mubarak, M. (2013). *Corrective feedback in l2 writing: a Study of practices and effectiveness in the bahrain context* [Unpublished doctoral dissertation, The University of Sheffield].
- Munawaroh. (2017). The influence of teaching methods and learning environment to the students learning achievement of craft and entrepreneurship subjects at vocational high school. *International Journal of Environmental and Science Education*. 12,(4), 665-678
- Munro, J. (2003). Fostering literacy across the curriculum. *International Journal of Learning*, 10(1), 327-336.
- Murchú, D. O. (2005). New teacher and student roles in the technology-supported, language classroom. *International Journal of Instructional Technology and Distance Learning*, 2(2), 3-10.
- Muslim, I. M. (2014). Helping EFL students improve their writing. Baghdad University: *International Journal of Humanities and Social Science*, 4(2).
- Nassir, S. M. S. (2014). *The effectiveness of project based learning strategy on ninth graders' achievement level and their attitude towards english in governmental school-north governorate*. [Unpublished master's thesis, The Islamic University of Gaza].
- Norish, J. (1990). *Language Learning and Their Errors*. Modern English Publications.
- Nunan, D. (1989). *Designing Tasks for the Communicative Classroom*. Cambridge: Cambridge University Press.
- Palmer-Silveria, J. C. and Ruiz-Garrido, M. F. (2007). Research oriented perspectives on teaching writing. In Uso-Juan E., and Ruiz-Madrid M. N. (eds.). Newcastle: Cambridge Scholars Publishing. *Pedagogical reflections on learning languages in listructed settings*, 255-273.
- Pankhurst, R. K. (1976). Historical background of education in ethiopia Language. In Bender M. L., Brown J. D., Cooper R. L., and Ferguson C. A. (Eds.). London: Oxford university press. *Language in Ethiopia*, 305-322.

- Patel, M. F. and Jain, P. M. (2008). *English language teaching: Methods, tools and techniques*. Jaipur: Sunrise Publishers and Distributors.
- Payne A. R.. (2012). Development of the academic writing motivation questioner. [Unpublished master's thesis, the University of Georgia].
- Perez, J., E. Garcia, J., Munoz, I., Alonso, A. S., and Puche, P. L. (2010). *Cooperative learning vs. Project based learning a practical case. universidad politécnica de madrid and universidad rey juan carlos* Madrid: Spain. Accessed on 19/05/2011e.c. 4:55am. From: <https://www.researchgate.net>
- Petersen, C. (2008). *Project based learning through the eyes of teachers and students: Investigating opinions of pbl in adult esl*. [Unpublished master's thesis, University of Victoria].
- Praba, L. T., Artini, L. and Ramendra, D. P. (2018). *Project based learning and writing skill in EFL: are they related?* Universitas Pendidikan Ganesha: Indonesia. Accessed on 01/04/2011e.c. 5:17am. From <https://www.shs-conferences.org/>.
- Railsback, J. (2002). *Project-based instruction: Creating excitement for learning*. Accessed on 12/7/2011 e.c. 2:45 am. From <http://educationnorthwest.org/>.
- Raimes, A, (1983). *Techniques in teaching writing*. Oxford: Oxford University press.
- Richards C. J. and Rodgers, T. S. (2001). *Approach and methods in language teaching (2nd ed.)*. Cambridge: Cambridge university press.
- Richards, J. C. (1990). *The language teaching matrix*. Cambridge: Cambridge university press.
- Rocha, I. N. (2017). Project based learning in reading: An exploratory study a colombian public school. [Unpublished Master's Thesis. Universidad del norte].
- Russell, D. R. (2002). *Writing in the academic disciplines: A Curricular history*. carbondale, il: South illinois university press.

- Sajjad, S. (2009). *Effective teaching methods at higher education level*. Especial education: University Of karachi pakistan press.
- Sharma, R. (2018). *What is project-based learning? What are the advantages and disadvantages of pbl approach?* Accessed on 14/01/2012 ec. 9:04 am From <https://allusefulinfo.com/>.
- Shin, M. H. (2018). Effects of project-based learning on students' motivation and self-efficacy. Hannam university, *Journal of English Teaching, Vol. 73(1)*.
- Sidman-Taveau, R. L. (2005). *Computer-assisted project based learning in second language: Case studies in adult esl*. [Unpublished doctoral dissertation, The university of texas].
- Silva, T. (1993). Toward an understand of distinct nature of l2 writing: The esl research and its implementations. *TESOL Quarterly, 27(4)*, 657-675.
- Simpson, J. (2011). *Integrating project-based learning in an english language tourism classroom in a thai university*. [Unpublished doctoral dissertation, Australian catholic university]
- Solomon, G. (2003). Project-based learning: *a Primer. Technology & Learning, 23(6)*, 10-20.
- Stivers, J. (2010). *Project-based learning*. Accessed on 12/7/2011e.c. 2:35 am. From <http://www.fsmilitary.org/>.
- Sumami, W. (2015). The strengths and weaknesses of the implementation of project based learning: a Review. *International Journal of Science and Research, 4(3)*, 478-484.
- Syarifah, E. F., & Emiliasari, R. N. (2018). Project-based learning to develop students' ability and creativity in writing narrative story. *Indonesian EFL Journal, Vol. 5(1)*, 85-94.
- Tangerpermpoon, T. (2008). Integrated approaches to improve students writing skills for english major students. *ABAC Journal, 28(2)*, 1-9.

- Teach Thought Staff. (2019). *The difference between projects and project-based learning*. Accessed on: 09-05-2012 EC 05:10 am. From <https://www.teachingtimes.com/>
- Thitivesa, D. (2014). The academic achievement of writing via project-based learning. Rajabhat university; *International Journal of Economics and Management* 8(9), 2994-2997.
- Thomas, J. W. (2000). *A Review of research on project-based learning*. Accessed on 18/08/2011ec. 3:40am. From <https://www.theshg.com/>
- Thoughtful Learning Newsletter. (2020). *How are projects and project-based learning different?* Accessed on: 11/06/2012 9:25 pm From. <https://k12.thoughtfullearning.com>
- Unger, J. and Fleishman, S. (2004). Is process writing the “write stuff” research matters. *Printed in educational leadership*, 90-91. Accessed on 14/08/2011ec. 4:40am. From <http://www.ascd.org/>.
- Wibowo, Y. P. and Aji K. R. (2017). *Using project-based learning to improve students' writing on greeting card* [Conference sessions]. The 2nd TEYLIN International Conference. Accessed on: 25-11-2010ec. 04:17am. From <https://pdfs.semanticscholar.org/>
- Williams, J. D. (2003). *Preparing to teach writing: Research, theory and practice*. Lawrence: Erlbaum associates Inc.
- Wood, M. (2004). The importance of writing with young children. [Unpublished senior honors thesis, Eastern Michigan University].
- Wrigley, H. S. (1998). *Knowledge in action: The promise of project based learning. focus on basic*, 2(D). Accessed on 18/08/2011ec. 8:40am. From <http://hcsall.net/Index.php?id=384.html>.
- Yalew, I. (1997). Historical development and trends of modern education in ethiopia. Fukul K., Kurimoto E., and Shigeta M. (Eds.). *Ethiopia in Broder Perspective* 401-421. Kyoto: Institute of ethiopian studies, Addis Ababa University.

- Payne (2012)

| | |
|----|--|
| 1 | I enjoy writing. |
| 2 | I like to write down my thoughts. |
| 3 | I use correct grammar in my writing. |
| 4 | I complete a writing assignment even when it is difficult. |
| 5 | Being a good writer will help me do well academically. |
| 6 | I write as well as other students. |
| 7 | I write more than the minimum on writing assignments. |
| 8 | I put a lot of effort into my writing. |
| 9 | I like to participate in written online discussions. |
| 10 | I like to get feedback from an instructor on my writing. |
| 11 | I am able to clearly express my ideas in writing. |
| 12 | I easily focus on what I am writing. |
| 13 | I like my writing to be graded. |
| 14 | I am more likely to succeed if I can write well. |
| 15 | It is easy for me to write good essays. |
| 16 | I enjoy creative writing assignments. |
| 17 | I like classes that require a lot of writing. |
| 18 | I plan how I am going to write something before I write it. |
| 19 | Becoming a better writer is important to me. |
| 20 | Being a better writer will help me in my career. |
| 21 | It is important to me that I make an A on a writing assignment. |
| 22 | I enjoy writing assignments that challenge me. |
| 23 | I revise my writing before submitting an assignment. |
| 24 | Punctuation is easy for me. |
| 25 | I enjoy writing literary analysis papers. |
| 26 | I like to write even if my writing will not be graded. |
| 27 | I like others to read what I have written. |
| 28 | I enjoy writing research papers. |
| 29 | I would like to have more opportunities to write in classes. |
| 30 | Being a good writer is important in getting a good job. |
| 31 | I practice writing in order to improve my skills. |
| 32 | I want the highest grade in the class on a writing assignment. |
| 33 | I would rather write an essay than answer multiple-choice questions. |
| 34 | I want others to recognize me as a good writer. |
| 35 | Spelling is easy for me. |
| 36 | Choosing the right word is easy for me. |
| 37 | I am motivated to write in my classes. |

- Payne (2012)

Payne (2012)

| | | |
|----|--|---|
| 1 | I enjoy writing. | |
| 2 | I like to write down my thoughts. | |
| 3 | I use correct grammar in my writing. | |
| 4 | I complete a writing assignment even when it is difficult | |
| 5 | Being a good writer will help me do well academically. | |
| 6 | I write as well as other students. | |
| 7 | I write more than the minimum on writing assignments. | |
| 8 | I put a lot of effort into my writing. | |
| 9 | I like to participate in written online discussions. | / |
| 10 | I like to get feedback from an instructor on my writing. | |
| 11 | I am able to clearly express my ideas in writing. | |
| 12 | I easily focus on what I am writing. | |
| 13 | I like my writing to be graded. | |
| 14 | I am more likely to succeed if I can write well. | |
| 15 | It is easy for me to write good essays. | |
| 16 | I enjoy creative writing assignments. | |
| 17 | I like classes that require a lot of writing. | |
| 18 | I plan how I am going to write something before I write it | |
| 19 | Becoming a better writer is | |

| | | |
|----|--|---|
| | important to me. | |
| 20 | Being a better writer will help me in my career. | |
| 21 | It is important to me that I make an A on a writing assignment | |
| 22 | I enjoy writing assignments that challenge me. | |
| 23 | I revise my writing before submitting an assignment | |
| 24 | Punctuation is easy for me. | - |
| 25 | I enjoy writing literary analysis papers. | - |
| 26 | I like to write even if my writing will not be graded. | |
| 27 | I like others to read what I have written. | |
| 28 | I enjoy writing research papers. | |
| 29 | I would like to have more opportunities to write in classes. | |
| 30 | Being a good writer is important in getting a good job. | |
| 31 | I practice writing in order to improve my skills. | |
| 32 | I want the highest grade in the class on a writing assignment | |
| 33 | I would rather write an essay than answer multiple-choice questions. | |
| 34 | I want others to recognize me as a good writer. | |
| 35 | Spelling is easy for me. | |
| 36 | Choosing the right word is easy for me. | |
| 37 | I am motivated to write in my classes. | |

- Payne (2012)

Payne (2012)

| | | |
|----|---|---|
| 1 | | I am delighted writing in Amharic language. |
| 2 | | I want to write my ideas with Amharic language. |
| 3 | | I want to use correct grammar in my writing. |
| 4 | | I continue writing in Amharic Language even if I face difficulties. |
| 5 | | As I am good at writing; I am also benefited in academic issues. |
| 6 | | As I am enthusiastic to Amharic Language, I do also write as other students do. |
| 7 | | I can write in Amharic language better than what I am given with writings |
| 8 | | I am making efforts to develop my writing skill in Amharic. |
| 9 | / | I want to participate in internet online writing discussions with Amharic language. |
| 10 | | I want to be given feedbacks for my writing from my teacher. |
| 11 | | I want to apparently express my ideas in Amharic language. |
| 12 | | I only select what I write in Amharic language |
| 13 | | I want my writing in Amharic to be as good as possible |
| 14 | | I want to be known in my Amharic writings |
| 15 | | I want to write essays |
| 16 | | I want to write creative literary works in Amharic |
| 17 | | I need relaxed Amharic class schedule to write more. |
| 18 | | I try to understand how to write before I start |
| 19 | | It is desirable for me to be good writer in Amharic language |
| 20 | | Being good writer in Amharic language helps me to get jobs. |

| | | |
|----|---|--|
| 21 | | I like writing in Amharic as it helps me to achieve good results. |
| 22 | | . I enjoy challenging writings written in Amharic |
| 23 | | I revise all my draft writings before I submit |
| 24 | - | I want to put correct punctuation marks at their correct positions. |
| 25 | - | I am pleased to critique literary works |
| 26 | | I do not interrupt writing even if I am dissatisfied by what I have written. |
| 27 | | I want others to reread my writings. |
| 28 | | I am pleased to write research works with Amharic |
| 29 | | I want ample opportunities to write in Amharic in the classes |
| 30 | | I want to be good writer to get good job. |
| 31 | | I rehearse writing to improve my writing skill in Amharic |
| 32 | | I want to score high on writing among the students in the classes. |
| 33 | | I opt essay writing better than multiple choice in Amharic. |
| 34 | | . I want to be acknowledged by people by writing good works. |
| 35 | | I want to follow correct spelling while I am writing. |
| 36 | | When I write in Amharic I want to use correct vocabulary. |
| 37 | | I have enthusiastic interest to write in Amharic |

-

10

/

- /

/ /

/ /

/ /

/ /

$\sqrt{\quad}$

/ /

/ /

2012 . . .

| | | | | | | |
|----|-----|--|--|--|--|--|
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | - | | | | | |
| 23 | - | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |
| 36 | | | | | | |
| 37 | () | | | | | |
| 38 | | | | | | |
| 39 | | | | | | |
| 40 | | | | | | |
| 41 | | | | | | |
| 42 | | | | | | |
| 43 | | | | | | |

-

10

"

(Project Based Learning)

10

"

/

/

/

/

/

/

/

/

/

/

!

✓

✓

✓

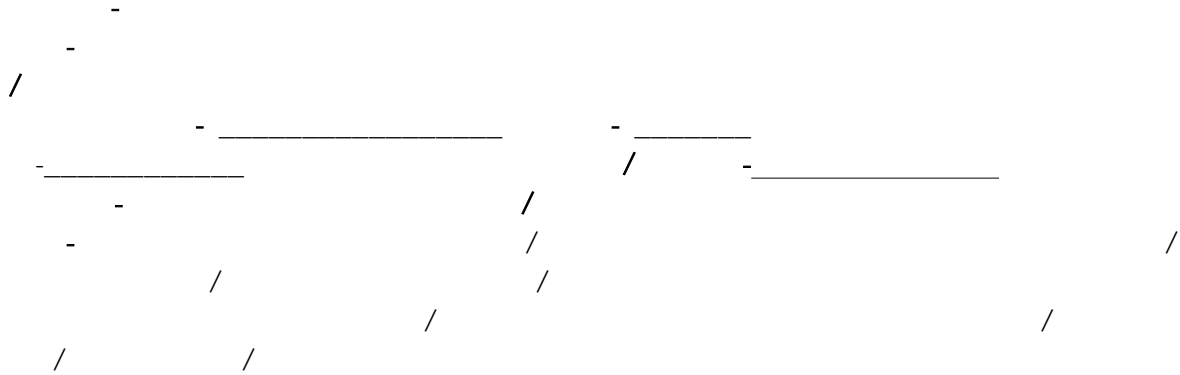
/

/

/

/

2013 . . .



5-
2-

4-
1-

3-

| | | | | | | |
|----|--|---|---|---|---|---|
| | | | | | | |
| 1 | | 1 | 2 | 3 | 4 | 5 |
| 2 | | 1 | 2 | 3 | 4 | 5 |
| 3 | | 1 | 2 | 3 | 4 | 5 |
| 4 | | 1 | 2 | 3 | 4 | 5 |
| 5 | | 1 | 2 | 3 | 4 | 5 |
| 6 | | 1 | 2 | 3 | 4 | 5 |
| 7 | | 1 | 2 | 3 | 4 | 5 |
| 8 | | 1 | 2 | 3 | 4 | 5 |
| 9 | | 1 | 2 | 3 | 4 | 5 |
| 10 | | 1 | 2 | 3 | 4 | 5 |
| 11 | | 1 | 2 | 3 | 4 | 5 |
| 12 | | 1 | 2 | 3 | 4 | 5 |
| 13 | | 1 | 2 | 3 | 4 | 5 |
| 14 | | 1 | 2 | 3 | 4 | 5 |
| 15 | | 1 | 2 | 3 | 4 | 5 |

| | | | | | | |
|----|-----|---|---|---|---|---|
| 16 | | 1 | 2 | 3 | 4 | 5 |
| 17 | | 1 | 2 | 3 | 4 | 5 |
| 18 | | 1 | 2 | 3 | 4 | 5 |
| 19 | | 1 | 2 | 3 | 4 | 5 |
| 20 | | 1 | 2 | 3 | 4 | 5 |
| 21 | | 1 | 2 | 3 | 4 | 5 |
| 22 | | 1 | 2 | 3 | 4 | 5 |
| 23 | | 1 | 2 | 3 | 4 | 5 |
| 24 | | 1 | 2 | 3 | 4 | 5 |
| 25 | | 1 | 2 | 3 | 4 | 5 |
| 26 | | 1 | 2 | 3 | 4 | 5 |
| 27 | | 1 | 2 | 3 | 4 | 5 |
| 28 | | 1 | 2 | 3 | 4 | 5 |
| 29 | | 1 | 2 | 3 | 4 | 5 |
| 30 | | 1 | 2 | 3 | 4 | 5 |
| 31 | | 1 | 2 | 3 | 4 | 5 |
| 32 | | 1 | 2 | 3 | 4 | 5 |
| 33 | () | 1 | 2 | 3 | 4 | 5 |
| 34 | | 1 | 2 | 3 | 4 | 5 |
| 35 | | 1 | 2 | 3 | 4 | 5 |
| 36 | | 1 | 2 | 3 | 4 | 5 |
| 37 | | 1 | 2 | 3 | 4 | 5 |

« »

✓ 11 2001 . . .
 /
 /
 /
 /
 - / /
 - / / 7 1902 . . . - -

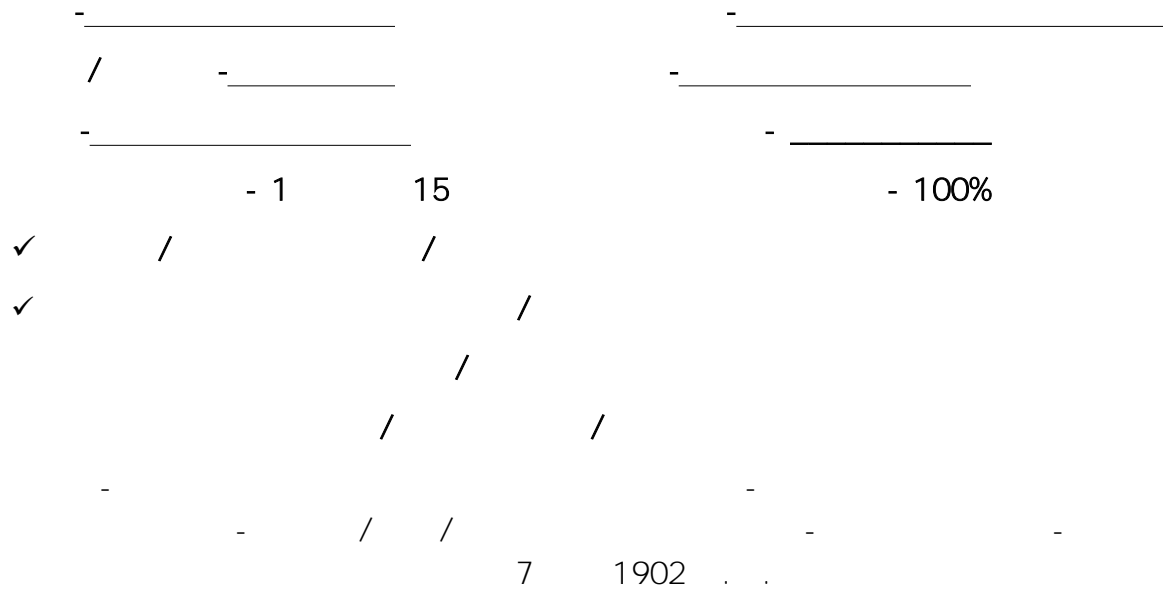
1918 . . .

1935 . . .

(1970) (1980) (1958) -
 94 26 1996 . . .

-

10



1918 . . .

1935 . . .

(1970)

(1980)

(1958)

94

26

1996 . . .

-

10

- _____
 / - _____
 - _____

- _____
 - _____
 - _____

- 1 15

- 100%

✓

/ / /

✓

/

/

/

/

:- /
 -
 10

17

1933 . . .

:-

-

-

1

«

»

11 2001 . . .

-

| | |
|-------------|-----|
| 30-27 (-) | ... |
| 26-22 (-) | ... |
| 21-17 (-) | ... |
| 16-13 () | ... |
| 20-18 (-) | ... |
| 17-14 (-) | |
| 13-10 (-) | ... |
| 9-7 () | ... |
| 20-18 (-) | / |
| 17-14 (-) | / |
| 13-10 (-) | / |
| 9-7 () | ... |
| 25-22 (-) | ... |
| 21-18 (-) | |
| 17-11 (-) | ... |
| 10-5 () | ... |
| 5 (-) | ... |
| 4 (-) | ... |
| 3 (-) | ... |
| 2 () | ... |

| Aspect | Score | Level/ Criteria |
|--------------|-------|---|
| Content | 30-27 | Excellent to Very Good: • Knowledgeable • Substantive • Thorough • development of thesis • Relevant to assigned topic |
| | 26-22 | Good to Average: • Some knowledge of subject • Adequate range • Limited development of thesis • Mostly relevant to the topic, but lacks detail |
| | 21-17 | Fair to Poor: Limited knowledge of subject • Little substance • Inadequate development of topic |
| | 16-13 | Very Poor: Does not show knowledge of subject • non Substantive • not pertinent • or not enough to evaluate |
| Organization | 20-18 | Excellent to Very Good: Fluent expression • Ideas clearly stated/ supported • Succinct • Well-organized • Logical sequencing • cohesive |
| | 17-14 | Good to Average: Somewhat choppy • Loosely organized but main ideas stand out • Limited support • Logical but incomplete sequencing |
| | 13-10 | Fair to Poor: non-fluent • Ideas confused or disconnected • Lacks logical sequencing and development |
| | 9-7 | Very Poor: does not communicate • no organization • or not enough to evaluate |
| Vocabulary | 20-18 | Excellent to Very Good: Sophisticated range • Effective word/ idiom choice and usage • Word form mastery • Appropriate register |
| | 17-14 | Good to Average: Adequate range • Occasional errors of word/ idiom form, choice, usage but meaning not obscured |
| | 13-10 | Fair to Poor: Limited range • Frequent errors of word/ idiom form, choice, usage • Meaning confused or obscured |
| | 9-7 | Very Poor: Essential translation • Little knowledge of English vocabulary, idioms, word form • or not enough to evaluate |
| Language Use | 25-22 | Excellent to Very Good: Effective complex constructions • Few errors of agreement, tense, number, word order/ function, articles, pronouns, prepositions |
| | 21-18 | Good to Average: Effective but simple constructions • Minor problems in complex constructions • Several errors of agreement, tense, number, word order/ function, articles, pronouns, prepositions but meaning seldom obscured |
| | 17-11 | Fair to Poor: Major problems in simple/ complex constructions • Frequent errors of negation, agreement, tense, number, word order/ function, articles, pronouns, prepositions and/ or fragments, run-ons, deletions • Meaning confused or obscured |

()

| | Sex | 30% | 20% | 20% | 25% | 5% | 100% | Sex | 30% | 20% | 20% | 25% | 5% | 100% |
|----|-----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|----|------|
| 1 | M | 13 | 11 | 11 | 10 | 2 | 47 | M | 14 | 11 | 11 | 15 | 3 | 54 |
| 2 | M | 14 | 9 | 10 | 10 | 2 | 45 | M | 15 | 13 | 13 | 13 | 3 | 57 |
| 3 | F | 13 | 9 | 12 | 13 | 3 | 50 | F | 14 | 10 | 10 | 10 | 2 | 46 |
| 4 | F | 13 | 11 | 12 | 12 | 3 | 51 | M | 25 | 16 | 17 | 18 | 3 | 79 |
| 5 | F | 12 | 9 | 12 | 11 | 2 | 46 | F | 19 | 12 | 11 | 13 | 3 | 58 |
| 6 | M | 11 | 10 | 12 | 14 | 2 | 49 | M | 18 | 9 | 10 | 12 | 2 | 51 |
| 7 | M | 18 | 13 | 12 | 15 | 2 | 60 | M | 13 | 11 | 10 | 13 | 2 | 49 |
| 8 | M | 19 | 10 | 14 | 11 | 4 | 58 | M | 15 | 11 | 12 | 13 | 2 | 53 |
| 9 | F | 21 | 12 | 16 | 19 | 2 | 70 | F | 21 | 12 | 17 | 17 | 2 | 69 |
| 10 | M | 16 | 10 | 10 | 12 | 3 | 51 | M | 15 | 10 | 11 | 13 | 2 | 51 |
| 11 | M | 19 | 15 | 12 | 15 | 3 | 64 | M | 13 | 10 | 10 | 10 | 2 | 45 |
| 12 | F | 16 | 13 | 12 | 18 | 3 | 62 | F | 14 | 12 | 10 | 13 | 2 | 51 |
| 13 | M | 15 | 11 | 11 | 12 | 2 | 51 | M | 14 | 12 | 11 | 13 | 3 | 53 |
| 14 | M | 17 | 12 | 14 | 18 | 2 | 63 | M | 16 | 12 | 10 | 10 | 2 | 50 |
| 15 | M | 17 | 11 | 10 | 8 | 2 | 48 | M | 15 | 12 | 13 | 12 | 3 | 55 |
| 16 | F | 14 | 12 | 11 | 10 | 2 | 49 | F | 14 | 10 | 10 | 10 | 2 | 46 |
| 17 | M | 14 | 9 | 13 | 16 | 3 | 55 | M | 15 | 10 | 9 | 14 | 2 | 50 |
| 18 | F | 16 | 10 | 10 | 10 | 2 | 48 | F | 14 | 10 | 12 | 10 | 3 | 49 |
| 19 | F | 15 | 10 | 10 | 13 | 2 | 50 | F | 14 | 10 | 11 | 10 | 3 | 48 |
| 20 | F | 18 | 11 | 13 | 16 | 3 | 61 | F | 19 | 10 | 11 | 13 | 2 | 55 |
| 21 | F | 13 | 10 | 13 | 16 | 2 | 54 | F | 24 | 13 | 14 | 18 | 2 | 71 |
| 22 | M | 15 | 10 | 10 | 13 | 3 | 51 | M | 17 | 10 | 12 | 14 | 2 | 55 |
| 23 | M | 15 | 10 | 8 | 11 | 2 | 46 | M | 14 | 11 | 12 | 13 | 2 | 52 |
| 24 | F | 16 | 12 | 11 | 12 | 3 | 54 | F | 15 | 10 | 11 | 10 | 3 | 49 |
| 25 | F | 18 | 10 | 8 | 13 | 2 | 51 | F | 15 | 10 | 10 | 10 | 2 | 47 |
| 26 | F | 16 | 12 | 14 | 13 | 3 | 58 | F | 15 | 10 | 10 | 13 | 2 | 50 |
| 27 | F | 15 | 10 | 11 | 11 | 3 | 50 | F | 14 | 11 | 10 | 10 | 3 | 48 |
| 28 | M | 14 | 10 | 14 | 14 | 3 | 55 | M | 15 | 10 | 10 | 10 | 2 | 47 |
| 29 | F | 19 | 13 | 17 | 18 | 4 | 71 | F | 15 | 10 | 11 | 12 | 3 | 51 |
| 30 | F | 15 | 8 | 10 | 10 | 2 | 45 | F | 15 | 10 | 9 | 14 | 2 | 50 |

()

37

| ተ.ቁ.የታ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | አማካይ | |
|--------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|-----------|
| 1 M | 4 | 3 | 4 | 3 | 5 | 5 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 2 | 2 | 2 | 2 | 1 | 5 | 5 | 1 | 3.4864865 | |
| 2 F | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 2 | 2 | 5 | 4 | 5 | 4 | 1 | 3 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 5 | 3 | 5 | 4 | 4 | 5 | 5 | 2 | 2 | 3 | 4 | 5 | 4 | 3 | 3.9189189 | |
| 3 F | 3 | 5 | 4 | 4 | 1 | 1 | 1 | 2 | 5 | 1 | 3 | 3 | 2 | 2 | 1 | 5 | 4 | 4 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 2.3243243 | |
| 4 M | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 3 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 1 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 5 | 2 | 4 | 3.6756757 | |
| 5 M | 4 | 5 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 3 | 2 | 4 | 2 | 2 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 2 | 5 | 4 | 4 | 4 | 2 | 3 | 2 | 3 | 3.4594595 | |
| 6 F | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 1 | 5 | 1 | 5 | 4 | 4 | 4 | 1 | 1 | 3.8648649 | |
| 7 F | 3 | 2 | 3 | 2 | 4 | 4 | 1 | 1 | 1 | 5 | 5 | 5 | 1 | 2 | 4 | 4 | 5 | 4 | 2 | 4 | 1 | 3 | 2 | 3 | 2 | 2 | 1 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 5 | 1 | 3 | 2.7837838 | |
| 8 M | 4 | 5 | 4 | 1 | 2 | 2 | 4 | 2 | 1 | 4 | 5 | 3 | 5 | 3 | 2 | 3 | 4 | 2 | 2 | 4 | 5 | 3 | 4 | 5 | 3 | 5 | 1 | 3 | 2 | 3 | 1 | 5 | 1 | 1 | 2 | 3 | 2 | 3 | |
| 9 F | 4 | 5 | 2 | 4 | 1 | 5 | 2 | 5 | 1 | 5 | 4 | 5 | 2 | 3 | 2 | 5 | 5 | 4 | 1 | 5 | 4 | 2 | 3 | 4 | 3 | 5 | 1 | 5 | 5 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 3.0540541 | |
| 10 F | 3 | 2 | 1 | 1 | 4 | 4 | 2 | 1 | 1 | 2 | 1 | 2 | 4 | 2 | 1 | 1 | 5 | 5 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 1 | 5 | 2 | 3 | 1 | 1 | 2 | 1 | 4 | 3 | 3 | 2.2162162 | |
| 11 M | 4 | 1 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 5 | 4 | 2 | 2 | 4 | 3 | 4 | 5 | 5 | 5 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 2 | 4 | 5 | 1 | 3.4324324 | |
| 12 M | 2 | 2 | 3 | 3 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | 5 | 1 | 4 | 2 | 2 | 2 | 1 | 3 | 1 | 2 | 1 | 2 | 2.4324324 | |
| 13 M | 4 | 2 | 2 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 3 | 5 | 4 | 5 | 2 | 3 | 5 | 3 | 2 | 2 | 5 | 3.4864865 | |
| 14 F | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 1 | 1 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 5 | 4 | 2.2432432 | |
| 15 M | 4 | 5 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 4 | 4 | 5 | 3 | 3 | 4 | 1 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 5 | 2 | 3 | 2.8918919 | |
| 16 F | 5 | 3 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 5 | 3 | 2 | 3.972973 | |
| 17 F | 3 | 4 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 4 | 3 | 5 | 4 | 1 | 3 | 4 | 3 | 1 | 1 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 2 | 4 | 5 | 4 | 2 | 3 | 4 | 1 | 5 | 3 | 2 | 3.2162162 | |
| 18 M | 3 | 5 | 1 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 2 | 4 | 4 | 3 | 5 | 4 | 1 | 4 | 5 | 1 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 1 | 5 | 1 | 1 | 3.8648649 | |
| 19 M | 5 | 5 | 2 | 4 | 5 | 5 | 4 | 5 | 4 | 2 | 5 | 4 | 2 | 2 | 2 | 5 | 5 | 1 | 1 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 1 | 1 | 5 | 4 | 4 | 3.6756757 | |
| 20 M | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 1 | 3 | 4 | 1 | 5 | 2 | 5 | 1 | 2 | 5 | 1 | 5 | 5 | 3 | 3.7297297 | |
| 21 F | 3 | 2 | 4 | 5 | 2 | 5 | 3 | 2 | 1 | 5 | 4 | 4 | 2 | 5 | 1 | 4 | 5 | 5 | 2 | 4 | 4 | 3 | 1 | 3 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | 2.9189189 | |
| 22 F | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 4 | 1 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 3 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | |
| 23 M | 3 | 4 | 3 | 1 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 1 | 4 | 5 | 2 | 4 | 4 | 3 | 1 | 2 | 1 | 4 | 5 | 2 | 4 | 1 | 2 | 1 | 2 | 1 | 4 | 3.2702703 | |
| 24 F | 5 | 3 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 5 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 3 | 3.9189189 |
| 25 M | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 2 | 4 | 5 | 4 | 5 | 1 | 4 | 4 | 3 | 3 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 3 | 2 | 1 | 3 | 5 | 1 | 1 | 4 | 4 | 1 | 4 | 3.3513514 | |
| 26 F | 3 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 2 | 1 | 5 | 5 | 3 | 2 | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 3 | 5 | 4 | 4 | 5 | 2 | 3 | 3 | 5 | 4 | 3 | 3.7027027 | |
| 27 M | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 5 | 5 | 4 | 1 | 1 | 1 | 3 | 3.2702703 | |
| 28 M | 4 | 5 | 1 | 1 | 2 | 1 | 5 | 4 | 2 | 2 | 5 | 2 | 3 | 3 | 5 | 5 | 2 | 2 | 1 | 5 | 5 | 3 | 4 | 1 | 2 | 2 | 1 | 5 | 1 | 4 | 4 | 5 | 5 | 1 | 5 | 5 | 3 | 3.1351351 | |
| 29 F | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 5 | 5 | 4 | 5 | 4 | 1 | 4 | 1 | 5 | 5 | 5 | 1 | 4 | 5 | 3 | 5 | 1 | 4 | 1 | 1 | 1 | 3.7027027 | |
| 30 F | 4 | 4 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | 3.8108108 | |

()

| የተ.ኮድ | አራሚ1 | አራሚ2 | አራሚ3 | አማካይ | የተ.ኮድ | አራሚ1 | አራሚ2 | አራሚ3 | አማካይ |
|-------|------|------|------|-------------|-------|------|------|------|-------------|
| ቁቅተ1 | 69 | 81 | 67 | 72.33333333 | ቁድተ1 | 47 | 49 | 63 | 53 |
| ቁቅተ2 | 54 | 61 | 51 | 55.33333333 | ቁድተ2 | 57 | 65 | 84 | 68.66666667 |
| ቁቅተ3 | 50 | 63 | 54 | 55.66666667 | ቁድተ3 | 52 | 61 | 69 | 60.66666667 |
| ቁቅተ4 | 47 | 58 | 50 | 51.66666667 | ቁድተ4 | 56 | 53 | 71 | 60 |
| ቁቅተ5 | 54 | 63 | 54 | 57 | ቁድተ5 | 52 | 56 | 57 | 55 |
| ቁቅተ6 | 46 | 59 | 47 | 50.66666667 | ቁድተ6 | 57 | 62 | 74 | 64.33333333 |
| ቁቅተ7 | 48 | 59 | 46 | 51 | ቁድተ7 | 34 | 51 | 46 | 43.66666667 |
| ቁቅተ8 | 50 | 57 | 48 | 51.66666667 | ቁድተ8 | 51 | 55 | 67 | 57.66666667 |
| ቁቅተ9 | 51 | 61 | 51 | 54.33333333 | ቁድተ9 | 59 | 60 | 74 | 64.33333333 |
| ቁቅተ10 | 46 | 55 | 45 | 48.66666667 | ቁድተ10 | 60 | 61 | 71 | 64 |
| ቁቅተ11 | 50 | 60 | 45 | 51.66666667 | ቁድተ11 | 66 | 61 | 78 | 68.33333333 |
| ቁቅተ12 | 55 | 63 | 49 | 55.66666667 | ቁድተ12 | 47 | 50 | 50 | 49 |
| ቁቅተ13 | 79 | 77 | 71 | 75.66666667 | ቁድተ13 | 51 | 49 | 56 | 52 |
| ቁቅተ14 | 48 | 59 | 50 | 52.33333333 | ቁድተ14 | 61 | 58 | 71 | 63.33333333 |
| ቁቅተ15 | 49 | 63 | 55 | 55.66666667 | ቁድተ15 | 60 | 56 | 56 | 57.33333333 |
| ቁቅተ16 | 47 | 63 | 51 | 53.66666667 | ቁድተ16 | 56 | 59 | 68 | 61 |
| ቁቅተ17 | 45 | 53 | 50 | 49.33333333 | ቁድተ17 | 57 | 58 | 65 | 60 |
| ቁቅተ18 | 54 | 66 | 60 | 60 | ቁድተ18 | 67 | 71 | 78 | 72 |
| ቁቅተ19 | 55 | 65 | 54 | 58 | ቁድተ19 | 58 | 53 | 64 | 58.33333333 |
| ቁቅተ20 | 51 | 55 | 51 | 52.33333333 | ቁድተ20 | 65 | 59 | 69 | 64.33333333 |
| ቁቅተ21 | 51 | 59 | 46 | 52 | ቁድተ21 | 56 | 59 | 63 | 59.33333333 |
| ቁቅተ22 | 50 | 60 | 48 | 52.66666667 | ቁድተ22 | 56 | 51 | 52 | 53 |
| ቁቅተ23 | 57 | 63 | 55 | 58.33333333 | ቁድተ23 | 51 | 47 | 51 | 49.66666667 |
| ቁቅተ24 | 53 | 47 | 51 | 50.33333333 | ቁድተ24 | 62 | 62 | 73 | 65.66666667 |
| ቁቅተ25 | 49 | 60 | 50 | 53 | ቁድተ25 | 49 | 55 | 56 | 53.33333333 |
| ቁቅተ26 | 47 | 51 | 49 | 49 | ቁድተ26 | 51 | 55 | 62 | 56 |
| ቁቅተ27 | 49 | 50 | 62 | 53.66666667 | ቁድተ27 | 57 | 60 | 73 | 63.33333333 |
| ቁቅተ28 | 52 | 53 | 64 | 56.33333333 | ቁድተ28 | 69 | 70 | 83 | 74 |
| ቁቅተ29 | 53 | 50 | 61 | 54.66666667 | ቁድተ29 | 54 | 50 | 50 | 51.33333333 |
| ቁቅተ30 | 55 | 63 | 51 | 56.33333333 | ቁድተ30 | 58 | 55 | 63 | 58.66666667 |
| ቁቅተ31 | 58 | 51 | 58 | 55.66666667 | ቁድተ31 | 45 | 49 | 44 | 46 |
| ቁቅተ32 | 71 | 84 | 73 | 76 | ቁድተ32 | 53 | 49 | 62 | 54.66666667 |
| ቁቅተ33 | 51 | 51 | 61 | 54.33333333 | ቁድተ33 | 56 | 59 | 66 | 60.33333333 |
| ቁቅተ34 | 47 | 61 | 47 | 51.66666667 | ቁድተ34 | 58 | 58 | 65 | 60.33333333 |
| ቁቅተ35 | 53 | 48 | 65 | 55.33333333 | ቁድተ35 | 60 | 63 | 72 | 65 |
| ቁቅተ36 | 51 | 60 | 47 | 52.66666667 | ቁድተ36 | 56 | 59 | 57 | 57.33333333 |
| ቁቅተ37 | 40 | 50 | 43 | 44.33333333 | ቁድተ37 | 64 | 56 | 52 | 57.33333333 |
| ቁቅተ38 | 57 | 72 | 59 | 62.66666667 | ቁድተ38 | 57 | 60 | 62 | 59.66666667 |
| ቁቅተ39 | 54 | 63 | 53 | 56.66666667 | ቁድተ39 | 54 | 58 | 58 | 56.66666667 |

()

| የተ.ኮድ | አራሚ1 | አራሚ2 | አራሚ3 | አማካይ | የተ.ኮድ | አራሚ1 | አራሚ2 | አራሚ3 | አማካይ |
|-------|------|------|------|-------------|-------|------|------|------|-------------|
| ቁቅM1 | 69 | 81 | 67 | 72.33333333 | ቁቅM1 | 52 | 61 | 69 | 60.66666667 |
| ቁቅM2 | 54 | 61 | 51 | 55.33333333 | ቁቅM2 | 57 | 62 | 74 | 64.33333333 |
| ቁቅM3 | 50 | 63 | 54 | 55.66666667 | ቁቅM3 | 59 | 60 | 74 | 64.33333333 |
| ቁቅM4 | 51 | 61 | 51 | 54.33333333 | ቁቅM4 | 60 | 61 | 71 | 64 |
| ቁቅM5 | 79 | 77 | 71 | 75.66666667 | ቁቅM5 | 66 | 61 | 78 | 68.33333333 |
| ቁቅM6 | 48 | 59 | 50 | 52.33333333 | ቁቅM6 | 47 | 50 | 50 | 49 |
| ቁቅM7 | 47 | 63 | 51 | 53.66666667 | ቁቅM7 | 61 | 58 | 71 | 63.33333333 |
| ቁቅM8 | 45 | 53 | 50 | 49.33333333 | ቁቅM8 | 67 | 71 | 78 | 72 |
| ቁቅM9 | 54 | 66 | 60 | 60 | ቁቅM9 | 65 | 59 | 69 | 64.33333333 |
| ቁቅM10 | 51 | 55 | 51 | 52.33333333 | ቁቅM10 | 56 | 59 | 63 | 59.33333333 |
| ቁቅM11 | 49 | 60 | 50 | 53 | ቁቅM11 | 51 | 47 | 51 | 49.66666667 |
| ቁቅM12 | 47 | 51 | 49 | 49 | ቁቅM12 | 62 | 62 | 73 | 65.66666667 |
| ቁቅM13 | 49 | 50 | 62 | 53.66666667 | ቁቅM13 | 49 | 55 | 56 | 53.33333333 |
| ቁቅM14 | 52 | 53 | 64 | 56.33333333 | ቁቅM14 | 54 | 50 | 50 | 51.33333333 |
| ቁቅM15 | 53 | 50 | 61 | 54.66666667 | ቁቅM15 | 45 | 49 | 44 | 46 |
| ቁቅM16 | 58 | 51 | 58 | 55.66666667 | ቁቅM16 | 53 | 49 | 62 | 54.66666667 |
| ቁቅM17 | 53 | 48 | 65 | 55.33333333 | ቁቅM17 | 56 | 59 | 66 | 60.33333333 |
| ቁቅM18 | 51 | 60 | 47 | 52.66666667 | ቁቅM18 | 58 | 58 | 65 | 60.33333333 |
| ቁቅM19 | 57 | 72 | 59 | 62.66666667 | ቁቅM19 | 60 | 63 | 72 | 65 |
| ቁቅM20 | 54 | 63 | 53 | 56.66666667 | ቁቅM20 | 64 | 56 | 52 | 57.33333333 |

()

| የተ.ኮድ | አራማ1 | አራማ2 | አራማ3 | አማካይ | የተ.ኮድ | አራማ1 | አራማ2 | አራማ3 | አማካይ |
|-------|------|------|------|-------------|-------|------|------|------|-------------|
| ቁቅF1 | 47 | 58 | 50 | 51.66666667 | ቁድF1 | 47 | 49 | 63 | 53 |
| ቁቅF2 | 54 | 63 | 54 | 57 | ቁድF2 | 57 | 65 | 84 | 68.66666667 |
| ቁቅF3 | 46 | 59 | 47 | 50.66666667 | ቁድF3 | 56 | 53 | 71 | 60 |
| ቁቅF4 | 48 | 59 | 46 | 51 | ቁድF4 | 52 | 56 | 57 | 55 |
| ቁቅF5 | 50 | 57 | 48 | 51.66666667 | ቁድF5 | 34 | 51 | 46 | 43.66666667 |
| ቁቅF6 | 46 | 55 | 45 | 48.66666667 | ቁድF6 | 51 | 55 | 67 | 57.66666667 |
| ቁቅF7 | 50 | 60 | 45 | 51.66666667 | ቁድF7 | 51 | 49 | 56 | 52 |
| ቁቅF8 | 55 | 63 | 49 | 55.66666667 | ቁድF8 | 60 | 56 | 56 | 57.33333333 |
| ቁቅF9 | 49 | 63 | 55 | 55.66666667 | ቁድF9 | 56 | 59 | 68 | 61 |
| ቁቅF10 | 55 | 65 | 54 | 58 | ቁድF10 | 57 | 58 | 65 | 60 |
| ቁቅF11 | 51 | 59 | 46 | 52 | ቁድF11 | 58 | 53 | 64 | 58.33333333 |
| ቁቅF12 | 50 | 60 | 48 | 52.66666667 | ቁድF12 | 56 | 51 | 52 | 53 |
| ቁቅF13 | 57 | 63 | 55 | 58.33333333 | ቁድF13 | 51 | 55 | 62 | 56 |
| ቁቅF14 | 53 | 47 | 51 | 50.33333333 | ቁድF14 | 57 | 60 | 73 | 63.33333333 |
| ቁቅF15 | 55 | 63 | 51 | 56.33333333 | ቁድF15 | 69 | 70 | 83 | 74 |
| ቁቅF16 | 71 | 84 | 73 | 76 | ቁድF16 | 58 | 55 | 63 | 58.66666667 |
| ቁቅF17 | 51 | 51 | 61 | 54.33333333 | ቁድF17 | 56 | 59 | 57 | 57.33333333 |
| ቁቅF18 | 47 | 61 | 47 | 51.66666667 | ቁድF18 | 57 | 60 | 62 | 59.66666667 |
| ቁቅF19 | 40 | 50 | 43 | 44.33333333 | ቁድF19 | 54 | 58 | 58 | 56.66666667 |

(
)

| የተ.ኮድ | አራሚ1 | አራሚ2 | አራሚ3 | አማካይ | የተ.ኮድ | አራሚ1 | አራሚ2 | አራሚ3 | አማካይ |
|-------|------|------|------|-------------|-------|------|------|------|-------------|
| ሙቅተ1 | 47 | 52 | 66 | 55 | ሙድተ1 | 81 | 69 | 87 | 79 |
| ሙቅተ2 | 52 | 58 | 63 | 57.66666667 | ሙድተ2 | 73 | 73 | 81 | 75.66666667 |
| ሙቅተ3 | 56 | 47 | 52 | 51.66666667 | ሙድተ3 | 78 | 79 | 83 | 80 |
| ሙቅተ4 | 48 | 56 | 40 | 48 | ሙድተ4 | 55 | 58 | 66 | 59.66666667 |
| ሙቅተ5 | 51 | 57 | 48 | 52 | ሙድተ5 | 50 | 57 | 62 | 56.33333333 |
| ሙቅተ6 | 58 | 54 | 59 | 57 | ሙድተ6 | 54 | 58 | 68 | 60 |
| ሙቅተ7 | 56 | 67 | 45 | 56 | ሙድተ7 | 75 | 75 | 94 | 81.33333333 |
| ሙቅተ8 | 53 | 70 | 60 | 61 | ሙድተ8 | 81 | 78 | 87 | 82 |
| ሙቅተ9 | 78 | 69 | 64 | 70.33333333 | ሙድተ9 | 52 | 67 | 64 | 61 |
| ሙቅተ10 | 62 | 68 | 63 | 64.33333333 | ሙድተ10 | 46 | 44 | 57 | 49 |
| ሙቅተ11 | 64 | 63 | 52 | 59.66666667 | ሙድተ11 | 56 | 55 | 67 | 59.33333333 |
| ሙቅተ12 | 47 | 60 | 53 | 53.33333333 | ሙድተ12 | 52 | 54 | 63 | 56.33333333 |
| ሙቅተ13 | 48 | 60 | 46 | 51.33333333 | ሙድተ13 | 58 | 56 | 62 | 58.66666667 |
| ሙቅተ14 | 49 | 57 | 50 | 52 | ሙድተ14 | 60 | 61 | 67 | 62.66666667 |
| ሙቅተ15 | 48 | 50 | 40 | 46 | ሙድተ15 | 64 | 57 | 74 | 65 |
| ሙቅተ16 | 51 | 63 | 53 | 55.66666667 | ሙድተ16 | 59 | 57 | 62 | 59.33333333 |
| ሙቅተ17 | 47 | 59 | 52 | 52.66666667 | ሙድተ17 | 69 | 64 | 88 | 73.66666667 |
| ሙቅተ18 | 54 | 54 | 57 | 55 | ሙድተ18 | 67 | 70 | 86 | 74.33333333 |
| ሙቅተ19 | 49 | 55 | 45 | 49.66666667 | ሙድተ19 | 86 | 88 | 99 | 91 |
| ሙቅተ20 | 57 | 59 | 61 | 59 | ሙድተ20 | 75 | 73 | 89 | 79 |
| ሙቅተ21 | 53 | 64 | 63 | 60 | ሙድተ21 | 48 | 53 | 53 | 51.33333333 |
| ሙቅተ22 | 46 | 46 | 56 | 49.33333333 | ሙድተ22 | 55 | 53 | 62 | 56.66666667 |
| ሙቅተ23 | 59 | 58 | 54 | 57 | ሙድተ23 | 56 | 50 | 63 | 56.33333333 |
| ሙቅተ24 | 65 | 77 | 63 | 68.33333333 | ሙድተ24 | 51 | 56 | 54 | 53.66666667 |
| ሙቅተ25 | 53 | 63 | 52 | 56 | ሙድተ25 | 60 | 54 | 64 | 59.33333333 |
| ሙቅተ26 | 52 | 66 | 59 | 59 | ሙድተ26 | 72 | 67 | 85 | 74.66666667 |
| ሙቅተ27 | 52 | 61 | 56 | 56.33333333 | ሙድተ27 | 75 | 83 | 95 | 84.33333333 |
| ሙቅተ28 | 50 | 49 | 47 | 48.66666667 | ሙድተ28 | 79 | 71 | 90 | 80 |
| ሙቅተ29 | 55 | 59 | 51 | 55 | ሙድተ29 | 69 | 76 | 89 | 78 |
| ሙቅተ30 | 56 | 66 | 53 | 58.33333333 | ሙድተ30 | 67 | 63 | 74 | 68 |
| ሙቅተ31 | 52 | 58 | 53 | 54.33333333 | ሙድተ31 | 71 | 71 | 88 | 76.66666667 |
| ሙቅተ32 | 57 | 59 | 55 | 57 | ሙድተ32 | 65 | 70 | 82 | 72.33333333 |
| ሙቅተ33 | 58 | 50 | 52 | 53.33333333 | ሙድተ33 | 62 | 64 | 66 | 64 |
| ሙቅተ34 | 50 | 46 | 48 | 48 | ሙድተ34 | 58 | 64 | 66 | 62.66666667 |
| ሙቅተ35 | 57 | 47 | 49 | 51 | ሙድተ35 | 58 | 59 | 65 | 60.66666667 |
| ሙቅተ36 | 69 | 66 | 59 | 64.66666667 | ሙድተ36 | 57 | 60 | 65 | 60.66666667 |
| ሙቅተ37 | 53 | 54 | 66 | 57.66666667 | ሙድተ37 | 77 | 66 | 70 | 71 |
| ሙቅተ38 | 56 | 54 | 63 | 57.66666667 | ሙድተ38 | 57 | 59 | 68 | 61.33333333 |
| ሙቅተ39 | 68 | 67 | 65 | 66.66666667 | ሙድተ39 | 58 | 62 | 68 | 62.66666667 |

()

| የተ.ኮድ | አራማ1 | አራማ2 | አራማ3 | አማካይ | የተ.ኮድ | አራማ1 | አራማ2 | አራማ3 | አማካይ |
|-------|------|------|------|-------------|-------|------|------|------|-------------|
| ሙቅM1 | 47 | 52 | 66 | 55 | ሙድM1 | 81 | 69 | 87 | 79 |
| ሙቅM2 | 51 | 57 | 48 | 52 | ሙድM2 | 73 | 73 | 81 | 75.66666667 |
| ሙቅM3 | 53 | 70 | 60 | 61 | ሙድM3 | 78 | 79 | 83 | 80 |
| ሙቅM4 | 62 | 68 | 63 | 64.33333333 | ሙድM4 | 55 | 58 | 66 | 59.66666667 |
| ሙቅM5 | 47 | 60 | 53 | 53.33333333 | ሙድM5 | 81 | 78 | 87 | 82 |
| ሙቅM6 | 49 | 57 | 50 | 52 | ሙድM6 | 52 | 54 | 63 | 56.33333333 |
| ሙቅM7 | 48 | 50 | 40 | 46 | ሙድM7 | 60 | 61 | 67 | 62.66666667 |
| ሙቅM8 | 47 | 59 | 52 | 52.66666667 | ሙድM8 | 64 | 57 | 74 | 65 |
| ሙቅM9 | 54 | 54 | 57 | 55 | ሙድM9 | 59 | 57 | 62 | 59.33333333 |
| ሙቅM10 | 49 | 55 | 45 | 49.66666667 | ሙድM10 | 69 | 64 | 88 | 73.66666667 |
| ሙቅM11 | 59 | 58 | 54 | 57 | ሙድM11 | 48 | 53 | 53 | 51.33333333 |
| ሙቅM12 | 65 | 77 | 63 | 68.33333333 | ሙድM12 | 56 | 50 | 63 | 56.33333333 |
| ሙቅM13 | 55 | 59 | 51 | 55 | ሙድM13 | 72 | 67 | 85 | 74.66666667 |
| ሙቅM14 | 56 | 66 | 53 | 58.33333333 | ሙድM14 | 75 | 83 | 95 | 84.33333333 |
| ሙቅM15 | 58 | 50 | 52 | 53.33333333 | ሙድM15 | 79 | 71 | 90 | 80 |
| ሙቅM16 | 50 | 46 | 48 | 48 | ሙድM16 | 69 | 76 | 89 | 78 |
| ሙቅM17 | 69 | 66 | 59 | 64.66666667 | ሙድM17 | 65 | 70 | 82 | 72.33333333 |
| ሙቅM18 | 53 | 54 | 66 | 57.66666667 | ሙድM18 | 62 | 64 | 66 | 64 |
| ሙቅM19 | 56 | 54 | 63 | 57.66666667 | ሙድM19 | 57 | 60 | 65 | 60.66666667 |
| ሙቅM20 | 68 | 67 | 65 | 66.66666667 | ሙድM20 | 58 | 62 | 68 | 62.66666667 |

()

| የተ.ኮድ | አራማ1 | አራማ2 | አራማ3 | አማካይ | የተ.ኮድ | አራማ1 | አራማ2 | አራማ3 | አማካይ |
|-------|------|------|------|-------------|-------|------|------|------|-------------|
| ሙቅF1 | 52 | 58 | 63 | 57.66666667 | ሙድF1 | 50 | 57 | 62 | 56.33333333 |
| ሙቅF2 | 56 | 47 | 52 | 51.66666667 | ሙድF2 | 54 | 58 | 68 | 60 |
| ሙቅF3 | 48 | 56 | 40 | 48 | ሙድF3 | 75 | 75 | 94 | 81.33333333 |
| ሙቅF4 | 58 | 54 | 59 | 57 | ሙድF4 | 52 | 67 | 64 | 61 |
| ሙቅF5 | 56 | 67 | 45 | 56 | ሙድF5 | 46 | 44 | 57 | 49 |
| ሙቅF6 | 78 | 69 | 64 | 70.33333333 | ሙድF6 | 56 | 55 | 67 | 59.33333333 |
| ሙቅF7 | 64 | 63 | 52 | 59.66666667 | ሙድF7 | 58 | 56 | 62 | 58.66666667 |
| ሙቅF8 | 48 | 60 | 46 | 51.33333333 | ሙድF8 | 67 | 70 | 86 | 74.33333333 |
| ሙቅF9 | 51 | 63 | 53 | 55.66666667 | ሙድF9 | 86 | 88 | 99 | 91 |
| ሙቅF10 | 57 | 59 | 61 | 59 | ሙድF10 | 75 | 73 | 89 | 79 |
| ሙቅF11 | 53 | 64 | 63 | 60 | ሙድF11 | 55 | 53 | 62 | 56.66666667 |
| ሙቅF12 | 46 | 46 | 56 | 49.33333333 | ሙድF12 | 51 | 56 | 54 | 53.66666667 |
| ሙቅF13 | 53 | 63 | 52 | 56 | ሙድF13 | 60 | 54 | 64 | 59.33333333 |
| ሙቅF14 | 52 | 66 | 59 | 59 | ሙድF14 | 67 | 63 | 74 | 68 |
| ሙቅF15 | 52 | 61 | 56 | 56.33333333 | ሙድF15 | 71 | 71 | 88 | 76.66666667 |
| ሙቅF16 | 50 | 49 | 47 | 48.66666667 | ሙድF16 | 58 | 64 | 66 | 62.66666667 |
| ሙቅF17 | 52 | 58 | 53 | 54.33333333 | ሙድF17 | 58 | 59 | 65 | 60.66666667 |
| ሙቅF18 | 57 | 59 | 55 | 57 | ሙድF18 | 77 | 66 | 70 | 71 |
| ሙቅF19 | 57 | 47 | 49 | 51 | ሙድF19 | 57 | 59 | 68 | 61.33333333 |

()

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1M | 1 | 1 | 1 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 3 | 1 | 1 | 5 | 1 | 1 | |
| 2F | 4 | 3 | 2 | 3 | 5 | 5 | 4 | 4 | 3 | 2 | 4 | 2 | 3 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 3 | 5 | 4 | 4 | 4 | 3 | 5 | 1 | 5 | |
| 3M | 4 | 3 | 1 | 3 | 5 | 5 | 2 | 5 | 1 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 4 | 1 | 4 | 3 | 1 | 1 | 5 | 4 | 5 | 1 | 5 | 5 | 4 | 3 | 3 | 2 | 1 | 1 | 5 | 3 | |
| 4F | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 4 | 4 | 1 | 4 | 1 | 4 | 5 | 4 | 3 | 4 | 3 | 1 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 2 | |
| 5F | 3 | 3 | 4 | 5 | 2 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 4 | 3 | 1 | 3 | 3 | 4 | 3 | 5 | 4 | 5 | 2 | 3 | 3 | 1 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | |
| 6F | 4 | 5 | 3 | 4 | 5 | 2 | 3 | 1 | 4 | 2 | 4 | 5 | 1 | 4 | 1 | 1 | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 1 | 3 | 2 | 1 | 4 | 4 | 2 | 2 | 4 | 3 | 2 | 4 | 4 | 2 | |
| 7M | 4 | 3 | 4 | 1 | 3 | 5 | 5 | 4 | 3 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 2 | 4 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 2 | 1 | 5 | 2 | 2 | |
| 8M | 3 | 3 | 4 | 3 | 5 | 5 | 3 | 4 | 3 | 4 | 5 | 3 | 5 | 3 | 3 | 5 | 5 | 4 | 1 | 3 | 4 | 3 | 5 | 3 | 4 | 5 | 2 | 5 | 3 | 3 | 5 | 3 | 3 | 2 | 4 | 3 | 1 | |
| 9M | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 3 | 2 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 4 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 2 | 3 |
| 10M | 3 | 4 | 2 | 2 | 2 | 4 | 3 | 5 | 4 | 5 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 2 | 3 | 5 | 3 | 4 | 3 | 2 | 3 | |
| 11F | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 1 | 2 | 4 | 4 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | |
| 12M | 4 | 5 | 3 | 3 | 1 | 2 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 2 | 2 | 1 | 4 | 2 | 2 | 1 | 4 | 3 | 2 | 5 | 2 | 4 | 5 | 3 | 4 | 1 | 1 | 2 | 3 | 1 | 1 | 3 | 2 | |
| 13F | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 1 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 5 | 5 | 2 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 3 | 3 | 4 | 5 | 3 | 5 | 3 | 5 | |
| 14M | 5 | 4 | 4 | 4 | 2 | 5 | 3 | 3 | 4 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 3 | 4 | 5 | 3 | 1 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | |
| 15F | 4 | 4 | 3 | 4 | 2 | 4 | 3 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 2 | 3 | 3 | 4 | 2 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 5 |
| 16F | 5 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 2 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 2 | 5 | 5 | |
| 17F | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 5 | 4 | 5 | 3 | 4 | 3 | 3 | 5 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 4 | 3 | |
| 18M | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 2 | 1 | 4 | 4 | 3 | 1 | 4 | 4 | 2 | 3 | 4 | 3 | 4 | 1 | 3 | 3 | 4 | 2 | 1 | 3 | 2 | 5 | 2 | 1 | |
| 19F | 5 | 2 | 3 | 1 | 3 | 2 | 1 | 2 | 3 | 5 | 2 | 2 | 3 | 3 | 1 | 2 | 5 | 5 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 5 | 1 | 5 | 2 | 2 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | |
| 20F | 4 | 5 | 3 | 3 | 4 | 2 | 3 | 2 | 1 | 3 | 4 | 4 | 1 | 3 | 2 | 4 | 5 | 3 | 3 | 4 | 4 | 2 | 4 | 2 | 1 | 3 | 4 | 4 | 3 | 3 | 1 | 3 | 1 | 1 | 5 | 1 | 1 | |
| 21M | 4 | 2 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | 5 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 4 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 1 | 1 | 3 | 1 | 2 | 2 | 2 | 1 | 4 | 1 | 2 | |
| 22F | 5 | 2 | 4 | 4 | 4 | 5 | 1 | 3 | 1 | 4 | 5 | 3 | 5 | 2 | 3 | 4 | 5 | 3 | 3 | 4 | 4 | 4 | 4 | 1 | 5 | 4 | 3 | 5 | 3 | 3 | 3 | 4 | 5 | 2 | 4 | 3 | 2 | |
| 23F | 5 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 5 | 4 | 5 | 4 | 5 | 2 | 4 | 2 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | |
| 24M | 3 | 5 | 5 | 4 | 4 | 5 | 3 | 5 | 3 | 3 | 4 | 5 | 5 | 5 | 1 | 3 | 5 | 4 | 1 | 5 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 3 | 5 | 3 | 5 | |
| 25M | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 3 | 5 | 3 | 1 | 2 | 1 | 4 | 3 | 4 | 3 | 4 | 5 | 1 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 3 | 5 | 1 | 5 | |
| 26F | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 1 | 5 | 5 | 1 | 3 | 4 | 1 | 1 | 5 | 2 | 4 | 1 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27M | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 5 | 5 | 3 | 3 | 3 | 3 | 5 | 1 | 3 | |
| 28M | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 1 | 4 | 3 | 4 | 5 | 3 | 5 | |
| 29M | 4 | 5 | 4 | 2 | 3 | 5 | 4 | 4 | 1 | 5 | 4 | 3 | 1 | 1 | 2 | 3 | 4 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 4 | 1 | 3 | 1 | 5 | 4 | 1 | 3 | 5 | 2 | 5 | 3 | 2 | |
| 30F | 5 | 4 | 5 | 3 | 5 | 1 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 1 | 4 | 5 | 5 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | |
| 31F | 4 | 3 | 4 | 5 | 4 | 5 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 4 | 2 | 4 | 5 | 4 | 3 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 1 | 3 | |
| 32M | 4 | 5 | 3 | 5 | 3 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 2 | 3 | 5 | 5 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 1 | 4 | 4 | 3 | 4 | 3 | 3 | |
| 33F | 5 | 4 | 3 | 3 | 2 | 1 | 2 | 5 | 2 | 5 | 4 | 5 | 4 | 5 | 3 | 3 | 5 | 3 | 1 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 1 | 2 | 1 | 3 | 4 | 2 | 1 | 3 | 5 | 5 | 4 | |
| 34M | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 1 | 4 | 3 |
| 35M | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 1 | 1 | 4 | 5 | 5 | 1 | 4 | 5 | 4 | 2 | 2 | 4 | 5 | 2 | 3 | 1 | 4 | 1 | 4 | 1 | 4 | 2 | 2 | 1 | 2 | 5 | 4 | 2 | 5 | 2 | |
| 36F | 4 | 3 | 4 | 4 | 1 | 1 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 1 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 5 | 2 | 2 | |
| 37M | 3 | 1 | 2 | 1 | 3 | 3 | 2 | 1 | 2 | 5 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 5 |
| 38M | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 3 | |
| 39F | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 2 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 1 | 3 | 5 | 4 | 5 | 3 | 1 | 4 | 1 | 4 | 5 | 3 | 2 | 4 | 4 | |

-

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1F | 5 | 4 | 4 | 3 | 3 | 4 | 5 | 3 | 1 | 5 | 5 | 2 | 1 | 1 | 1 | 1 | 4 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 5 | 3 | 5 | 4 | 5 | 5 | 3 | 3 | 2 | 4 | 3 | 3 |
| 2F | 4 | 5 | 5 | 4 | 2 | 5 | 4 | 5 | 3 | 3 | 5 | 4 | 3 | 2 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 1 | 2 | 5 | 5 | 5 | 2 | 5 | 1 | 1 | 2 | 2 | 4 | 4 | 2 | 3 | |
| 3F | 4 | 5 | 5 | 3 | 5 | 2 | 1 | 4 | 2 | 3 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 2 | 3 | 5 | 5 | 4 | 4 | 2 | 4 | 5 | 1 | 5 | 4 | 4 | 3 | 2 | 3 | 3 | 1 | 3 | 4 |
| 4F | 5 | 5 | 1 | 5 | 1 | 1 | 5 | 5 | 3 | 1 | 5 | 1 | 3 | 1 | 5 | 1 | 1 | 5 | 1 | 1 | 4 | 2 | 3 | 1 | 4 | 5 | 1 | 1 | 3 | 1 | 5 | 5 | 5 | 5 | 5 | 3 | 4 |
| 5F | 5 | 4 | 2 | 5 | 4 | 4 | 5 | 5 | 2 | 4 | 5 | 2 | 3 | 4 | 2 | 4 | 5 | 4 | 2 | 4 | 3 | 4 | 4 | 3 | 1 | 4 | 5 | 4 | 2 | 2 | 1 | 3 | 4 | 4 | 4 | 2 | 4 |
| 6F | 3 | 3 | 1 | 3 | 2 | 4 | 3 | 5 | 1 | 5 | 3 | 4 | 3 | 4 | 1 | 3 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 3 | 5 | 3 | 4 | 3 | 4 | 1 | 1 | 3 | 4 | 5 | 1 | 1 |
| 7F | 4 | 4 | 3 | 3 | 2 | 5 | 3 | 3 | 2 | 4 | 5 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 1 | 5 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 3 | 3 |
| 8M | 5 | 4 | 3 | 3 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 5 | 3 | 4 | 3 | 4 | 5 | 4 | 2 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 5 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 2 | 3 |
| 9F | 4 | 2 | 2 | 2 | 1 | 4 | 1 | 5 | 1 | 2 | 2 | 4 | 1 | 2 | 2 | 4 | 5 | 1 | 2 | 4 | 1 | 1 | 4 | 5 | 4 | 1 | 1 | 4 | 1 | 4 | 2 | 4 | 2 | 2 | 1 | 2 | 2 |
| 10F | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 4 | 2 | 5 | 4 | 5 | 2 | 2 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 1 | 5 | 5 | 3 | 4 | 3 | 2 | 1 | 2 | 2 | 1 |
| 11M | 3 | 5 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 1 | 3 | 3 | 1 | 5 | 3 | 3 | 4 | 3 | 1 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 1 | 3 | 4 | 3 | 3 | 1 | 4 | 1 | 2 | 2 | 1 |
| 12F | 4 | 5 | 3 | 4 | 2 | 3 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 5 | 1 | 2 | 1 | 5 | 5 | 4 | 4 | 3 | 4 | 5 | 1 | 3 | 4 | 5 | 4 | 2 | 1 | 3 | 5 | 4 | 1 |
| 13M | 2 | 3 | 3 | 4 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 1 | 3 | 3 | 3 | 1 | 5 | 5 | 4 | 1 | 3 | 2 | 1 | 5 | 3 | 5 | 1 | 5 | 1 | 5 | 5 | 5 | 4 | 5 | 5 | 1 | 1 |
| 14M | 4 | 5 | 4 | 4 | 3 | 4 | 5 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 2 | 1 | 3 | 4 | 1 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 4 | 1 | 2 |
| 15M | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 5 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 3 | 4 |
| 16F | 5 | 5 | 3 | 4 | 5 | 5 | 4 | 2 | 3 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 3 | 3 | 3 | 5 | 4 | 5 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 1 | 5 | 3 |
| 17M | 4 | 3 | 1 | 4 | 3 | 5 | 4 | 5 | 1 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 5 | 1 | 1 | 4 | 1 | 2 | 3 | 4 | 3 | 4 | 1 | 4 | 5 | 3 | 2 | 1 | 3 | 5 | 4 | 1 | 1 |
| 18M | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 3 | 3 | 3 | 4 | 4 | 3 | 5 | 3 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 3 |
| 19M | 3 | 2 | 3 | 4 | 2 | 4 | 3 | 4 | 1 | 3 | 4 | 4 | 3 | 2 | 2 | 4 | 3 | 4 | 3 | 4 | 5 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 2 | 3 | 2 | 3 | 2 | 3 |
| 20M | 5 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 |
| 21M | 4 | 3 | 3 | 4 | 2 | 5 | 5 | 3 | 1 | 3 | 4 | 5 | 5 | 3 | 1 | 5 | 4 | 4 | 5 | 3 | 3 | 4 | 4 | 5 | 2 | 5 | 3 | 3 | 5 | 3 | 4 | 5 | 3 | 4 | 3 | 4 | |
| 22M | 1 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 1 | 4 | 3 | 4 | 5 | 3 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 2 | 3 | 4 | 3 | 3 | 4 | 5 | 5 | 1 | 5 |
| 23M | 3 | 3 | 3 | 3 | 5 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 1 | 3 | 3 | 3 | 5 | 1 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 1 | 3 |
| 24F | 3 | 2 | 1 | 4 | 3 | 5 | 2 | 3 | 1 | 4 | 3 | 5 | 5 | 3 | 2 | 4 | 5 | 5 | 3 | 2 | 5 | 4 | 3 | 4 | 2 | 4 | 1 | 5 | 3 | 4 | 5 | 5 | 1 | 3 | 5 | 1 | 2 |
| 25F | 5 | 5 | 3 | 1 | 2 | 3 | 3 | 4 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 4 | 1 | 1 | 3 | 5 | 5 | 4 | 3 | 1 | 3 | 1 | 1 | 1 | 2 | 5 | 2 | 3 | 3 | 1 | 5 | 5 | 1 |
| 26M | 3 | 3 | 2 | 3 | 1 | 5 | 5 | 5 | 1 | 5 | 4 | 5 | 3 | 1 | 2 | 3 | 3 | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5 | 5 | 1 | 3 | 1 | 3 | 1 | 4 | 1 | 2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27F | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 4 | 5 | 1 | 4 | 3 | 5 | 5 | 3 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 2 | 5 | 3 | 4 | |
| 28M | 4 | 2 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 2 | 2 | 3 | 3 | 4 | 2 | 5 | 2 | 2 | 2 | 4 | 4 | 4 | 2 | 2 | 4 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 2 |
| 29F | 4 | 2 | 3 | 2 | 1 | 5 | 4 | 3 | 1 | 5 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 2 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 1 | 5 | 1 | 5 | |
| 30M | 3 | 2 | 3 | 4 | 2 | 4 | 3 | 4 | 2 | 1 | 2 | 2 | 4 | 3 | 3 | 3 | 1 | 5 | 3 | 2 | 4 | 2 | 3 | 5 | 3 | 4 | 2 | 2 | 3 | 4 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | |
| 31M | 3 | 4 | 3 | 4 | 1 | 2 | 3 | 4 | 2 | 5 | 4 | 4 | 4 | 3 | 2 | 4 | 3 | 2 | 2 | 4 | 3 | 3 | 5 | 3 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 5 | 3 | 2 | |
| 32F | 3 | 4 | 2 | 1 | 4 | 4 | 2 | 1 | 1 | 1 | 5 | 1 | 4 | 1 | 3 | 2 | 3 | 4 | 1 | 4 | 3 | 1 | 2 | 3 | 4 | 3 | 2 | 1 | 3 | 4 | 5 | 3 | 5 | 1 | 5 | 1 | 5 | |
| 33F | 2 | 1 | 4 | 1 | 1 | 5 | 1 | 3 | 1 | 5 | 3 | 5 | 1 | 1 | 1 | 5 | 3 | 1 | 5 | 5 | 5 | 2 | 3 | 1 | 3 | 4 | 2 | 1 | 3 | 1 | 5 | 1 | 2 | 3 | 5 | 5 | 2 | |
| 34M | 3 | 3 | 4 | 1 | 4 | 1 | 2 | 1 | 1 | 1 | 5 | 1 | 1 | 3 | 5 | 3 | 2 | 1 | 1 | 1 | 3 | 3 | 1 | 1 | 1 | 1 | 4 | 4 | 1 | 5 | 4 | 4 | 2 | 4 | 4 | 1 | 5 | |
| 35M | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 5 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 5 | |
| 36F | 5 | 5 | 2 | 4 | 4 | 2 | 2 | 4 | 2 | 4 | 4 | 2 | 2 | 5 | 4 | 4 | 2 | 2 | 4 | 4 | 2 | 4 | 5 | 4 | 2 | 5 | 2 | 2 | 5 | 1 | 2 | 5 | 2 | 2 | 4 | 5 | 4 | |
| 37M | 3 | 2 | 3 | 1 | 2 | 5 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 5 | 4 | 1 | 4 | 1 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 1 | 4 | 2 | 1 | 3 | 1 | 1 | 5 | 1 | 2 | |
| 38F | 3 | 4 | 2 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 1 | 3 | 3 | 2 | 4 | 2 | 3 | 5 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 2 | 1 | 3 | 3 | 3 | 4 | 2 | 5 | 1 | 2 | |
| 39M | 4 | 3 | 3 | 5 | 3 | 5 | 4 | 2 | 4 | 4 | 5 | 5 | 1 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 5 | 2 | 4 | 2 | 4 | 3 | 5 | 3 | 3 | 3 | 2 | 3 | 1 | 5 | |

-

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1M | 1 | 1 | 1 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 3 | 1 | 1 | 5 | 1 | 1 | | |
| 2M | 4 | 3 | 1 | 3 | 5 | 5 | 2 | 5 | 1 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 4 | 1 | 4 | 3 | 1 | 1 | 5 | 4 | 5 | 1 | 5 | 5 | 4 | 3 | 3 | 2 | 1 | 1 | 5 | 3 | |
| 3M | 4 | 3 | 4 | 1 | 3 | 5 | 5 | 4 | 3 | 5 | 4 | 4 | 3 | 5 | 3 | 4 | 2 | 4 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 2 | 1 | 5 | 2 | 2 | |
| 4M | 3 | 3 | 4 | 3 | 5 | 5 | 3 | 4 | 3 | 4 | 5 | 3 | 5 | 3 | 3 | 5 | 5 | 4 | 1 | 3 | 4 | 3 | 5 | 3 | 4 | 5 | 2 | 5 | 3 | 3 | 5 | 3 | 3 | 2 | 4 | 3 | 1 | |
| 5M | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 3 | 2 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 4 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 2 | 3 | |
| 6M | 3 | 4 | 2 | 2 | 2 | 4 | 3 | 5 | 4 | 5 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 2 | 3 | 5 | 3 | 4 | 3 | 2 | 3 | |
| 7M | 4 | 5 | 3 | 3 | 1 | 2 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 2 | 2 | 1 | 4 | 2 | 2 | 1 | 4 | 3 | 2 | 5 | 2 | 4 | 5 | 3 | 4 | 1 | 1 | 2 | 3 | 1 | 1 | 3 | 2 | |
| 8M | 5 | 4 | 4 | 4 | 2 | 5 | 3 | 3 | 4 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 3 | 1 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | | |
| 9M | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 2 | 1 | 4 | 4 | 3 | 1 | 4 | 4 | 2 | 3 | 4 | 3 | 4 | 1 | 3 | 3 | 4 | 2 | 1 | 3 | 2 | 5 | 2 | 1 | |
| 10M | 4 | 2 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | 5 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 4 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 1 | 1 | 3 | 1 | 2 | 2 | 2 | 1 | 4 | 1 | 2 | |
| 11M | 3 | 5 | 5 | 4 | 4 | 5 | 3 | 5 | 3 | 3 | 4 | 5 | 5 | 5 | 1 | 3 | 5 | 4 | 1 | 5 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 3 | 5 | 3 | 5 | |
| 12M | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 3 | 5 | 3 | 1 | 2 | 1 | 4 | 3 | 4 | 3 | 4 | 5 | 1 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 3 | 5 | 1 | 5 | |
| 13M | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 5 | 1 | 3 |
| 14M | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 1 | 4 | 3 | 4 | 5 | 3 | 5 | |
| 15M | 4 | 5 | 4 | 2 | 3 | 5 | 4 | 4 | 1 | 5 | 4 | 3 | 1 | 1 | 2 | 3 | 4 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 4 | 1 | 3 | 1 | 5 | 4 | 1 | 3 | 5 | 2 | 5 | 3 | 2 | |
| 16M | 4 | 5 | 3 | 5 | 3 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 2 | 3 | 5 | 5 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 1 | 4 | 4 | 3 | 4 | 3 | 3 | |
| 17M | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 1 | 4 | 3 | |
| 18M | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 1 | 1 | 4 | 5 | 5 | 1 | 4 | 5 | 4 | 2 | 2 | 4 | 5 | 2 | 3 | 1 | 4 | 1 | 4 | 1 | 4 | 2 | 2 | 1 | 2 | 5 | 4 | 2 | 5 | 2 | |
| 19M | 3 | 1 | 2 | 1 | 3 | 3 | 2 | 1 | 2 | 5 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 5 | |
| 20M | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 3 | |

-

()

| | | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1M | 5 | 4 | 3 | 3 | 3 | 4 | 3 | 5 | 4 | 3 | 4 | 5 | 3 | 4 | 3 | 4 | 5 | 4 | 2 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 5 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 2 | 3 | |
| 2M | 3 | 5 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 1 | 3 | 3 | 1 | 5 | 3 | 3 | 4 | 3 | 1 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 1 | 3 | 4 | 3 | 3 | 1 | 4 | 1 | 2 | 2 | 1 | |
| 3M | 2 | 3 | 3 | 4 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 1 | 3 | 3 | 3 | 1 | 5 | 5 | 4 | 1 | 3 | 2 | 1 | 5 | 3 | 5 | 1 | 5 | 1 | 5 | 5 | 5 | 4 | 5 | 5 | 1 | 1 | |
| 4M | 4 | 5 | 4 | 4 | 3 | 4 | 5 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 2 | 1 | 3 | 4 | 1 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 4 | 1 | 2 | |
| 5M | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 5 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 3 | 4 | |
| 6M | 4 | 3 | 1 | 4 | 3 | 5 | 4 | 5 | 1 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 5 | 1 | 1 | 4 | 1 | 2 | 3 | 4 | 3 | 4 | 1 | 4 | 5 | 3 | 2 | 1 | 3 | 5 | 4 | 1 | 1 | |
| 7M | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 3 | 3 | 3 | 4 | 4 | 3 | 5 | 3 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 3 | |
| 8M | 3 | 2 | 3 | 4 | 2 | 4 | 3 | 4 | 1 | 3 | 4 | 4 | 3 | 2 | 2 | 4 | 3 | 4 | 3 | 4 | 5 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | |
| 9M | 5 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 | |
| 10M | 4 | 3 | 3 | 4 | 2 | 5 | 5 | 3 | 1 | 3 | 4 | 5 | 5 | 3 | 1 | 5 | 4 | 4 | 5 | 3 | 3 | 4 | 4 | 5 | 2 | 5 | 3 | 3 | 3 | 5 | 3 | 4 | 5 | 3 | 4 | 3 | 4 | |
| 11M | 1 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 5 | 4 | 3 | 5 | 4 | 3 | 1 | 4 | 3 | 4 | 5 | 3 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 2 | 3 | 4 | 3 | 3 | 4 | 5 | 5 | 1 | 5 | |
| 12M | 3 | 3 | 3 | 3 | 5 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 1 | 3 | 3 | 3 | 5 | 1 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 1 | 3 | |
| 13M | 3 | 3 | 2 | 3 | 1 | 5 | 5 | 5 | 1 | 5 | 4 | 5 | 3 | 1 | 2 | 3 | 3 | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5 | 5 | 1 | 3 | 1 | 3 | 1 | 4 | 1 | 2 | |
| 14M | 4 | 2 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 2 | 2 | 3 | 3 | 4 | 2 | 5 | 2 | 2 | 2 | 4 | 4 | 4 | 2 | 2 | 4 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 2 |
| 15M | 3 | 2 | 3 | 4 | 2 | 4 | 3 | 4 | 2 | 1 | 2 | 2 | 4 | 3 | 3 | 3 | 1 | 5 | 3 | 2 | 4 | 2 | 3 | 5 | 3 | 4 | 2 | 2 | 3 | 4 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | |
| 16M | 3 | 4 | 3 | 4 | 1 | 2 | 3 | 4 | 2 | 5 | 4 | 4 | 4 | 3 | 2 | 4 | 3 | 2 | 2 | 4 | 3 | 3 | 5 | 3 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 5 | 3 | 2 | |
| 17M | 3 | 3 | 4 | 1 | 4 | 1 | 2 | 1 | 1 | 1 | 5 | 1 | 1 | 3 | 5 | 3 | 2 | 1 | 1 | 1 | 3 | 3 | 1 | 1 | 1 | 1 | 4 | 4 | 1 | 5 | 4 | 4 | 2 | 4 | 4 | 1 | 5 | |
| 18M | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 5 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 5 |
| 19M | 3 | 2 | 3 | 1 | 2 | 5 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 5 | 4 | 1 | 4 | 1 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 1 | 4 | 2 | 1 | 3 | 1 | 1 | 5 | 1 | 2 | |
| 20M | 4 | 3 | 3 | 5 | 3 | 5 | 4 | 2 | 4 | 4 | 5 | 5 | 1 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 5 | 2 | 4 | 2 | 4 | 3 | 5 | 3 | 3 | 3 | 2 | 3 | 1 | 5 | |

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1F | 4 | 3 | 2 | 3 | 5 | 5 | 4 | 4 | 3 | 2 | 4 | 2 | 3 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 3 | 5 | 4 | 4 | 4 | 3 | 5 | 1 | 5 | |
| 2F | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 4 | 4 | 1 | 4 | 1 | 4 | 5 | 4 | 3 | 4 | 3 | 1 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 2 | |
| 3F | 3 | 3 | 4 | 5 | 2 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 4 | 3 | 1 | 3 | 3 | 4 | 3 | 5 | 4 | 5 | 2 | 3 | 3 | 1 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | |
| 4F | 4 | 5 | 3 | 4 | 5 | 2 | 3 | 1 | 4 | 2 | 4 | 5 | 1 | 4 | 1 | 1 | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 1 | 3 | 2 | 1 | 4 | 4 | 2 | 2 | 4 | 3 | 2 | 4 | 4 | 2 | |
| 5F | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 1 | 2 | 4 | 4 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | |
| 6F | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 1 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 5 | 5 | 2 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 3 | 3 | 4 | 5 | 3 | 5 | 3 | 5 | |
| 7F | 4 | 4 | 3 | 4 | 2 | 4 | 3 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 2 | 3 | 3 | 4 | 2 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 5 |
| 8F | 5 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 2 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 2 | 5 | 5 | |
| 9F | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 5 | 4 | 5 | 3 | 4 | 3 | 3 | 5 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 4 | 3 | |
| 10F | 5 | 2 | 3 | 1 | 3 | 2 | 1 | 2 | 3 | 5 | 2 | 2 | 3 | 3 | 1 | 2 | 5 | 5 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 5 | 1 | 5 | 2 | 2 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | |
| 11F | 4 | 5 | 3 | 3 | 4 | 2 | 3 | 2 | 1 | 3 | 4 | 4 | 1 | 3 | 2 | 4 | 5 | 3 | 3 | 4 | 4 | 2 | 4 | 2 | 1 | 3 | 4 | 4 | 3 | 3 | 1 | 3 | 1 | 1 | 5 | 1 | 1 | |
| 12F | 5 | 2 | 4 | 4 | 4 | 5 | 1 | 3 | 1 | 4 | 5 | 3 | 5 | 2 | 3 | 4 | 5 | 3 | 3 | 4 | 4 | 4 | 4 | 1 | 5 | 4 | 3 | 5 | 3 | 3 | 3 | 4 | 5 | 2 | 4 | 3 | 2 | |
| 13F | 5 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 5 | 4 | 5 | 4 | 5 | 2 | 4 | 2 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | |
| 14F | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 1 | 5 | 5 | 1 | 3 | 4 | 1 | 1 | 5 | 2 | 4 | 1 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | |
| 15F | 5 | 4 | 5 | 3 | 5 | 1 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 1 | 4 | 5 | 5 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | |
| 16F | 4 | 3 | 4 | 5 | 4 | 5 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 4 | 2 | 4 | 5 | 4 | 3 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 1 | 3 | |
| 17F | 5 | 4 | 3 | 3 | 2 | 1 | 2 | 5 | 2 | 5 | 4 | 5 | 4 | 5 | 3 | 3 | 5 | 3 | 1 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 1 | 2 | 1 | 3 | 4 | 2 | 1 | 3 | 5 | 5 | 4 | |
| 18F | 4 | 3 | 4 | 4 | 1 | 1 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 1 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 5 | 2 | 2 | |
| 19F | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 2 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 1 | 3 | 5 | 4 | 5 | 3 | 1 | 4 | 1 | 4 | 5 | 3 | 2 | 4 | 4 | |

(

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1F | 5 | 4 | 4 | 3 | 3 | 4 | 5 | 3 | 1 | 5 | 5 | 2 | 1 | 1 | 1 | 1 | 4 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 5 | 3 | 5 | 4 | 5 | 5 | 3 | 3 | 2 | 4 | 3 | 3 | |
| 2F | 4 | 5 | 5 | 4 | 2 | 5 | 4 | 5 | 3 | 3 | 5 | 4 | 3 | 2 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 1 | 2 | 5 | 5 | 5 | 2 | 5 | 1 | 1 | 2 | 2 | 4 | 4 | 2 | 3 | | |
| 3F | 4 | 5 | 5 | 3 | 5 | 2 | 1 | 4 | 2 | 3 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 2 | 3 | 5 | 5 | 4 | 4 | 2 | 4 | 5 | 1 | 5 | 4 | 4 | 3 | 2 | 3 | 3 | 1 | 3 | 4 | |
| 4F | 5 | 5 | 1 | 5 | 1 | 1 | 5 | 5 | 3 | 1 | 5 | 1 | 3 | 1 | 5 | 1 | 1 | 5 | 1 | 1 | 4 | 2 | 3 | 1 | 4 | 5 | 1 | 1 | 3 | 1 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | |
| 5F | 5 | 4 | 2 | 5 | 4 | 4 | 5 | 5 | 2 | 4 | 5 | 2 | 3 | 4 | 2 | 4 | 5 | 4 | 2 | 4 | 3 | 4 | 4 | 3 | 1 | 4 | 5 | 4 | 2 | 2 | 1 | 3 | 4 | 4 | 4 | 2 | 4 | |
| 6F | 3 | 3 | 1 | 3 | 2 | 4 | 3 | 5 | 1 | 5 | 3 | 4 | 3 | 4 | 1 | 3 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 3 | 5 | 3 | 4 | 3 | 4 | 1 | 1 | 3 | 4 | 5 | 1 | 1 | |
| 7F | 4 | 4 | 3 | 3 | 2 | 5 | 3 | 3 | 2 | 4 | 5 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 1 | 5 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 3 | 3 | |
| 8F | 4 | 2 | 2 | 2 | 1 | 4 | 1 | 5 | 1 | 2 | 2 | 4 | 1 | 2 | 2 | 4 | 5 | 1 | 2 | 4 | 1 | 1 | 4 | 5 | 4 | 1 | 1 | 4 | 1 | 4 | 2 | 4 | 2 | 2 | 1 | 2 | 2 | |
| 9F | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 4 | 2 | 5 | 4 | 5 | 2 | 2 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 1 | 5 | 5 | 3 | 4 | 3 | 2 | 1 | 2 | 2 | 1 | |
| 10F | 4 | 5 | 3 | 4 | 2 | 3 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 5 | 1 | 2 | 1 | 5 | 5 | 4 | 4 | 3 | 4 | 5 | 1 | 3 | 4 | 5 | 4 | 2 | 1 | 3 | 5 | 4 | 1 | |
| 11F | 5 | 5 | 3 | 4 | 5 | 5 | 4 | 2 | 3 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 3 | 3 | 3 | 5 | 4 | 5 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 1 | 5 | 3 | |
| 12F | 3 | 2 | 1 | 4 | 3 | 5 | 2 | 3 | 1 | 4 | 3 | 5 | 5 | 3 | 2 | 4 | 5 | 5 | 3 | 2 | 5 | 4 | 3 | 4 | 2 | 4 | 1 | 5 | 3 | 4 | 5 | 5 | 1 | 3 | 5 | 1 | 2 | |
| 13F | 5 | 5 | 3 | 1 | 2 | 3 | 3 | 4 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 4 | 1 | 1 | 3 | 5 | 5 | 4 | 3 | 1 | 3 | 1 | 1 | 1 | 2 | 5 | 2 | 3 | 3 | 1 | 5 | 5 | 1 | |
| 14F | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 4 | 5 | 1 | 4 | 3 | 5 | 5 | 3 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 5 | 3 | 4 |
| 15F | 4 | 2 | 3 | 2 | 1 | 5 | 4 | 3 | 1 | 5 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 2 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 4 | 1 | 5 | 1 | 5 | |
| 16F | 3 | 4 | 2 | 1 | 4 | 4 | 2 | 1 | 1 | 1 | 5 | 1 | 4 | 1 | 3 | 2 | 3 | 4 | 1 | 4 | 3 | 1 | 2 | 3 | 4 | 3 | 2 | 1 | 3 | 4 | 5 | 3 | 5 | 1 | 5 | 1 | 5 | |
| 17F | 2 | 1 | 4 | 1 | 1 | 5 | 1 | 3 | 1 | 5 | 3 | 5 | 1 | 1 | 1 | 5 | 3 | 1 | 5 | 5 | 5 | 2 | 3 | 1 | 3 | 4 | 2 | 1 | 3 | 1 | 5 | 1 | 2 | 3 | 5 | 5 | 2 | |
| 18F | 5 | 5 | 2 | 4 | 4 | 2 | 2 | 4 | 2 | 4 | 4 | 2 | 2 | 5 | 4 | 4 | 2 | 2 | 4 | 4 | 2 | 4 | 5 | 4 | 2 | 5 | 2 | 2 | 5 | 1 | 2 | 5 | 2 | 2 | 4 | 5 | 4 | |
| 19F | 3 | 4 | 2 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 1 | 3 | 3 | 2 | 4 | 2 | 3 | 5 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 2 | 1 | 3 | 3 | 3 | 4 | 2 | 5 | 1 | 2 | |

-

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1M | 3 | 2 | 3 | 2 | 4 | 4 | 1 | 1 | 1 | 5 | 5 | 5 | 1 | 2 | 4 | 4 | 5 | 4 | 2 | 4 | 1 | 3 | 2 | 3 | 2 | 2 | 1 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 5 | 1 | 3 | |
| 2M | 4 | 5 | 4 | 1 | 2 | 2 | 4 | 2 | 1 | 4 | 5 | 3 | 5 | 3 | 2 | 3 | 4 | 2 | 2 | 4 | 5 | 3 | 4 | 5 | 3 | 5 | 1 | 3 | 2 | 3 | 1 | 5 | 1 | 1 | 2 | 3 | 2 | |
| 3F | 4 | 5 | 2 | 4 | 1 | 5 | 2 | 5 | 1 | 5 | 4 | 5 | 2 | 3 | 2 | 5 | 5 | 4 | 1 | 5 | 4 | 2 | 3 | 4 | 3 | 5 | 1 | 5 | 5 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | |
| 4M | 5 | 3 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 5 | 3 | 2 | |
| 5M | 3 | 4 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 4 | 3 | 5 | 4 | 1 | 3 | 4 | 3 | 1 | 1 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 2 | 4 | 5 | 4 | 2 | 3 | 4 | 1 | 5 | 3 | 2 | |
| 6M | 3 | 5 | 1 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 2 | 4 | 4 | 3 | 5 | 4 | 1 | 4 | 5 | 1 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 1 | 5 | 1 | 1 | |
| 7M | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 5 | 5 | 4 | 1 | 1 | 1 | 3 | |
| 8F | 4 | 5 | 1 | 1 | 2 | 1 | 5 | 4 | 2 | 2 | 5 | 2 | 3 | 3 | 5 | 5 | 2 | 2 | 1 | 5 | 5 | 3 | 4 | 1 | 2 | 2 | 1 | 5 | 1 | 4 | 4 | 5 | 5 | 1 | 5 | 5 | 3 | |
| 9M | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 5 | 5 | 4 | 5 | 4 | 1 | 4 | 1 | 5 | 5 | 5 | 1 | 4 | 5 | 3 | 5 | 1 | 4 | 1 | 1 | 1 | |
| 10F | 3 | 4 | 3 | 1 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 1 | 4 | 5 | 2 | 4 | 4 | 3 | 1 | 2 | 1 | 4 | 5 | 2 | 4 | 1 | 2 | 1 | 2 | 1 | 4 | |
| 11M | 5 | 3 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 5 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 3 |
| 12F | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 2 | 4 | 5 | 4 | 5 | 1 | 4 | 4 | 3 | 3 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 3 | 2 | 1 | 3 | 5 | 1 | 1 | 4 | 4 | 1 | 4 | |
| 13F | 3 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 2 | 1 | 5 | 5 | 3 | 2 | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 3 | 5 | 4 | 4 | 5 | 2 | 3 | 3 | 5 | 4 | 3 | |
| 14M | 4 | 5 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 4 | 4 | 5 | 3 | 3 | 4 | 1 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 5 | 2 | 3 |
| 15F | 4 | 3 | 4 | 3 | 5 | 5 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 5 | 5 | 1 |
| 16M | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 2 | 2 | 5 | 4 | 5 | 4 | 1 | 3 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 5 | 3 | 5 | 4 | 4 | 5 | 5 | 2 | 2 | 3 | 4 | 5 | 4 | 3 | |
| 17M | 3 | 5 | 4 | 4 | 1 | 1 | 1 | 2 | 5 | 1 | 3 | 3 | 2 | 2 | 1 | 5 | 4 | 4 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | |
| 18F | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 3 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 1 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 5 | 2 | 4 | |
| 19F | 4 | 5 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 3 | 2 | 4 | 2 | 2 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 2 | 5 | 4 | 4 | 4 | 4 | 2 | 3 | 2 | 3 |
| 20M | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 1 | 5 | 1 | 5 | 4 | 4 | 4 | 1 | 1 | |
| 21F | 4 | 4 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | |
| 22F | 5 | 5 | 2 | 4 | 5 | 5 | 4 | 5 | 4 | 2 | 5 | 4 | 2 | 2 | 2 | 5 | 5 | 1 | 1 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 1 | 1 | 5 | 4 | 4 | |
| 23M | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 1 | 3 | 4 | 1 | 5 | 2 | 5 | 1 | 2 | 5 | 1 | 5 | 5 | 3 | |
| 24F | 3 | 2 | 4 | 5 | 2 | 5 | 3 | 2 | 1 | 5 | 4 | 4 | 2 | 5 | 1 | 4 | 5 | 5 | 2 | 4 | 4 | 3 | 1 | 3 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | |
| 25F | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 4 | 1 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 3 | 4 | 5 | 3 | 5 | 4 | 5 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26M | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 1 | 1 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 5 | 4 |
| 27F | 3 | 2 | 1 | 1 | 4 | 4 | 2 | 1 | 1 | 2 | 1 | 2 | 4 | 2 | 1 | 1 | 5 | 5 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 1 | 5 | 2 | 3 | 1 | 1 | 2 | 1 | 4 | 3 | 3 |
| 28F | 4 | 1 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 5 | 4 | 2 | 2 | 4 | 3 | 4 | 5 | 5 | 5 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 2 | 4 | 5 | 1 |
| 29M | 2 | 2 | 3 | 3 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | 5 | 1 | 4 | 2 | 2 | 2 | 1 | 3 | 1 | 2 | 1 | 2 |
| 30F | 4 | 2 | 2 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 3 | 5 | 4 | 5 | 2 | 3 | 5 | 3 | 2 | 2 | 5 |
| 31F | 2 | 3 | 2 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 2 | 5 | 3 | 2 | 2 | 2 | 4 | 2 | 3 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 3 | 3 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
| 32M | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 1 | 5 | 5 | 4 | 3 | 1 | 2 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 3 | 5 | 3 | 4 | 5 | 5 | 1 | 1 |
| 33F | 3 | 5 | 2 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 1 | 4 | 3 | 1 | 3 | 5 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | 5 | 5 | 3 | 5 | 1 | 5 | 5 | 5 |
| 34M | 4 | 2 | 3 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 4 | 5 | 3 | 2 | 2 | 4 | 4 | 1 | 2 | 3 | 2 | 1 | 3 | 2 | 3 | 1 | 5 | 3 | 2 | 3 | 2 | 3 | 1 | 2 | 1 | 1 |
| 35M | 4 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 2 | 2 | 4 | 4 | 1 | 2 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 2 | 4 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 |
| 36M | 2 | 3 | 3 | 3 | 4 | 5 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | 3 | 3 | 1 | 2 | 2 | 2 | 1 | 5 | 3 | 3 | 2 | 2 | 3 | 1 | 2 | 1 | 1 |
| 37F | 4 | 5 | 4 | 3 | 5 | 5 | 3 | 4 | 2 | 5 | 5 | 5 | 4 | 3 | 3 | 5 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 5 | 1 | 3 |
| 38F | 2 | 3 | 2 | 1 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 2 |
| 39M | 1 | 1 | 5 | 5 | 5 | 5 | 3 | 5 | 1 | 5 | 4 | 4 | 1 | 2 | 3 | 1 | 5 | 5 | 2 | 5 | 2 | 3 | 5 | 5 | 3 | 5 | 2 | 2 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 5 |

-

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1F | 4 | 5 | 5 | 1 | 1 | 2 | 5 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 5 | | |
| 2M | 4 | 3 | 3 | 5 | 4 | 4 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 3 | | |
| 3M | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 2 | 5 | 1 | 3 | | |
| 4F | 4 | 4 | 4 | 3 | 2 | 2 | 4 | 5 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 1 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 2 | 5 | 1 | 3 | | | |
| 5F | 4 | 5 | 4 | 3 | 2 | 5 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 5 | 3 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | 5 | 3 | 3 | | |
| 6M | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | | |
| 7M | 5 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 1 | 2 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 5 | 2 | 3 | | |
| 8F | 5 | 3 | 5 | 4 | 2 | 4 | 2 | 5 | 2 | 4 | 3 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 2 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 1 | 4 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 2 | | |
| 9M | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 3 | 3 | 4 | 5 | 4 | 5 | 3 | 2 | 5 | 3 | 4 | 5 | 4 | 3 | 5 | 2 | 4 | 1 | 5 | 5 | | |
| 10M | 5 | 5 | 4 | 4 | 3 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 5 | 4 | 1 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 1 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 2 | 5 | | |
| 11F | 3 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 2 | 2 | 5 | 4 | 4 | 3 | 3 | 2 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | | |
| 12M | 5 | 3 | 4 | 4 | 1 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 5 | 3 | 5 | 5 | 5 | | |
| 13M | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | | |
| 14F | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 1 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | | |
| 15F | 5 | 5 | 5 | 3 | 5 | 5 | 4 | 4 | 1 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 1 | 5 | 4 | 4 | 5 | 2 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 2 | 5 | 2 | 2 | 5 | 1 | | |
| 16M | 5 | 4 | 2 | 2 | 5 | 5 | 5 | 2 | 4 | 4 | 1 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 1 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 2 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | | |
| 17F | 5 | 5 | 5 | 3 | 3 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 3 | 5 | 5 | 1 | 4 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 1 | 2 | 5 | 2 | | |
| 18F | 5 | 5 | 3 | 3 | 2 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 5 | 4 | 5 | 3 | 4 | | |
| 19F | 4 | 5 | 5 | 3 | 2 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 2 | 2 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 1 | 5 | 5 | 5 | 4 | | |
| 20F | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 5 | 3 | 2 | 3 | 3 | | |
| 21F | 5 | 5 | 1 | 3 | 3 | 5 | 5 | 5 | 1 | 2 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 1 | 4 | 2 | 5 | 5 | 4 | 2 | 4 | 4 | 2 | 2 | | |
| 22M | 4 | 5 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 1 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 2 | 4 | 2 | | |
| 23M | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 3 | 5 | 4 | 2 | 5 | 4 | 5 | 2 | 5 | 5 | 4 | 2 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 2 | 5 | 4 | | |
| 24M | 4 | 5 | 3 | 4 | 1 | 1 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 1 | 5 | 1 | 5 | 4 | | |
| 25F | 4 | 5 | 4 | 4 | 2 | 4 | 3 | 5 | 2 | 4 | 5 | 4 | 5 | 3 | 3 | 4 | 5 | 4 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | | |
| 26M | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 2 | 4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27F | 5 | 4 | 3 | 3 | 5 | 5 | 5 | 4 | 2 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 2 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 4 | 4 | 5 | 4 | 5 | 2 | 3 | | | |
| 28M | 4 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | | | |
| 29M | 5 | 2 | 4 | 5 | 3 | 5 | 4 | 5 | 1 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 2 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 4 | 3 | 3 | 5 | 5 | 4 | 5 | 4 | 2 | 3 | | | |
| 30M | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 2 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | | | |
| 31F | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 3 | 3 | 5 | 5 | | | |
| 32F | 4 | 2 | 4 | 5 | 4 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 3 | 1 | 4 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 1 | 5 | 1 | 1 | | |
| 33M | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 2 | 4 |
| 34M | 5 | 5 | 4 | 4 | 3 | 5 | 5 | 5 | 2 | 5 | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 1 | 1 | 4 | 5 | 5 | 5 | 2 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | | |
| 35M | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 3 | | | |
| 36F | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | | |
| 37M | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 |
| 38F | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 39F | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 1 | 3 | 3 |

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1M | 3 | 2 | 3 | 2 | 4 | 4 | 1 | 1 | 1 | 5 | 5 | 5 | 1 | 2 | 4 | 4 | 5 | 4 | 2 | 4 | 1 | 3 | 2 | 3 | 2 | 2 | 1 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 5 | 1 | 3 | |
| 2M | 4 | 5 | 4 | 1 | 2 | 2 | 4 | 2 | 1 | 4 | 5 | 3 | 5 | 3 | 2 | 3 | 4 | 2 | 2 | 4 | 5 | 3 | 4 | 5 | 3 | 5 | 1 | 3 | 2 | 3 | 1 | 5 | 1 | 1 | 2 | 3 | 2 | |
| 3M | 5 | 3 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 5 | 3 | 2 | | |
| 4M | 3 | 4 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 4 | 3 | 5 | 4 | 1 | 3 | 4 | 3 | 1 | 1 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 2 | 4 | 5 | 4 | 2 | 3 | 4 | 1 | 5 | 3 | 2 | |
| 5M | 3 | 5 | 1 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 2 | 4 | 4 | 3 | 5 | 4 | 1 | 4 | 5 | 1 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 1 | 5 | 1 | 1 | |
| 6M | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 5 | 5 | 4 | 1 | 1 | 1 | 3 | |
| 7M | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 5 | 5 | 4 | 5 | 4 | 1 | 4 | 1 | 5 | 5 | 5 | 1 | 4 | 5 | 3 | 5 | 1 | 4 | 1 | 1 | 1 | |
| 8M | 5 | 3 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 5 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 3 |
| 9M | 4 | 5 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 4 | 4 | 5 | 3 | 3 | 4 | 1 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 5 | 2 | 3 |
| 10M | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 2 | 2 | 5 | 4 | 5 | 4 | 1 | 3 | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 5 | 5 | 3 | 5 | 4 | 4 | 5 | 5 | 2 | 2 | 3 | 4 | 5 | 4 | 3 | |
| 11M | 3 | 5 | 4 | 4 | 1 | 1 | 1 | 2 | 5 | 1 | 3 | 3 | 2 | 2 | 1 | 5 | 4 | 4 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | |
| 12M | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 1 | 5 | 1 | 5 | 4 | 4 | 4 | 1 | 1 | | |
| 13M | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 1 | 3 | 4 | 1 | 5 | 2 | 5 | 1 | 2 | 5 | 1 | 5 | 5 | 3 | |
| 14M | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 1 | 1 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 5 | 4 | |
| 15M | 2 | 2 | 3 | 3 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | 5 | 1 | 4 | 2 | 2 | 2 | 1 | 3 | 1 | 2 | 1 | 2 | |
| 16M | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 1 | 5 | 5 | 4 | 3 | 1 | 2 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 3 | 5 | 3 | 4 | 5 | 5 | 1 | 1 | |
| 17M | 4 | 2 | 3 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 4 | 5 | 3 | 2 | 2 | 4 | 4 | 1 | 2 | 3 | 2 | 1 | 3 | 2 | 3 | 1 | 5 | 3 | 2 | 3 | 2 | 3 | 1 | 2 | 1 | 1 | |
| 18M | 4 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 2 | 2 | 4 | 4 | 1 | 2 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 2 | 4 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 |
| 19M | 2 | 3 | 3 | 3 | 4 | 5 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | 3 | 3 | 1 | 2 | 2 | 2 | 1 | 5 | 3 | 3 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | |
| 20M | 1 | 1 | 5 | 5 | 5 | 5 | 3 | 5 | 1 | 5 | 4 | 4 | 1 | 2 | 3 | 1 | 5 | 5 | 2 | 5 | 2 | 3 | 5 | 5 | 3 | 5 | 2 | 2 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | |

-

()

| | | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1M | 4 | 3 | 3 | 5 | 4 | 4 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 3 | | |
| 2M | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 2 | 5 | 1 | 3 | | |
| 3M | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | | |
| 4M | 5 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 1 | 2 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 4 | 3 | 5 | 2 | 3 | | |
| 5M | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 3 | 3 | 4 | 5 | 4 | 5 | 3 | 2 | 5 | 3 | 4 | 5 | 4 | 3 | 5 | 2 | 4 | 1 | 5 | 5 | | |
| 6M | 5 | 5 | 4 | 4 | 3 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 5 | 4 | 1 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 1 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 2 | 5 | | |
| 7M | 5 | 3 | 4 | 4 | 1 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 5 | 3 | 5 | 5 | 5 | | |
| 8M | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | | |
| 9M | 5 | 4 | 2 | 2 | 5 | 5 | 5 | 2 | 4 | 4 | 1 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 1 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 2 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | | |
| 10M | 4 | 5 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 1 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 2 | 4 | 2 | | |
| 11M | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 3 | 5 | 4 | 2 | 5 | 4 | 5 | 2 | 5 | 5 | 4 | 2 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 2 | 5 | 4 | | |
| 12M | 4 | 5 | 3 | 4 | 1 | 1 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 1 | 5 | 1 | 5 | 4 | | |
| 13M | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 2 | 4 | | |
| 14M | 4 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | |
| 15M | 5 | 2 | 4 | 5 | 3 | 5 | 4 | 5 | 1 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 2 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 4 | 3 | 3 | 5 | 5 | 4 | 5 | 4 | 2 | 3 | | |
| 16M | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 2 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | | |
| 17M | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 2 | 4 | | |
| 18M | 5 | 5 | 4 | 4 | 3 | 5 | 5 | 5 | 2 | 5 | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 1 | 1 | 4 | 5 | 5 | 5 | 2 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | | |
| 19M | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 5 | 4 | 4 | 5 | 3 | 3 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 3 | | |
| 20M | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 |

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1F | 4 | 5 | 2 | 4 | 1 | 5 | 2 | 5 | 1 | 5 | 4 | 5 | 2 | 3 | 2 | 5 | 5 | 4 | 1 | 5 | 4 | 2 | 3 | 4 | 3 | 5 | 1 | 5 | 5 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 |
| 2F | 4 | 5 | 1 | 1 | 2 | 1 | 5 | 4 | 2 | 2 | 5 | 2 | 3 | 3 | 5 | 5 | 2 | 2 | 1 | 5 | 5 | 3 | 4 | 1 | 2 | 2 | 1 | 5 | 1 | 4 | 4 | 5 | 5 | 1 | 5 | 5 | 3 |
| 3F | 3 | 4 | 3 | 1 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 5 | 1 | 4 | 5 | 2 | 4 | 4 | 3 | 1 | 2 | 1 | 4 | 5 | 2 | 4 | 1 | 2 | 1 | 2 | 1 | 4 |
| 4F | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 2 | 4 | 5 | 4 | 5 | 1 | 4 | 4 | 3 | 3 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 3 | 2 | 1 | 3 | 5 | 1 | 1 | 4 | 4 | 1 | 4 |
| 5F | 3 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 2 | 1 | 5 | 5 | 3 | 2 | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 3 | 5 | 4 | 4 | 5 | 2 | 3 | 3 | 5 | 4 | 3 |
| 6F | 4 | 3 | 4 | 3 | 5 | 5 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 2 | 2 | 2 | 2 | 1 | 5 | 5 | 1 |
| 7F | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 3 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 1 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 5 | 2 | 4 |
| 8F | 4 | 5 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 3 | 2 | 4 | 2 | 2 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 2 | 5 | 4 | 4 | 4 | 2 | 3 | 2 | 3 |
| 9F | 4 | 4 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 4 | 2 | 3 |
| 10F | 5 | 5 | 2 | 4 | 5 | 5 | 4 | 5 | 4 | 2 | 5 | 4 | 2 | 2 | 2 | 5 | 5 | 1 | 1 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 1 | 1 | 5 | 4 | 4 |
| 11F | 3 | 2 | 4 | 5 | 2 | 5 | 3 | 2 | 1 | 5 | 4 | 4 | 2 | 5 | 1 | 4 | 5 | 5 | 2 | 4 | 4 | 3 | 1 | 3 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 2 | 3 | 1 | 2 | 1 | 2 |
| 12F | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 4 | 1 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 3 | 4 | 5 | 3 | 5 | 4 | 5 |
| 13F | 3 | 2 | 1 | 1 | 4 | 4 | 2 | 1 | 1 | 2 | 1 | 2 | 4 | 2 | 1 | 1 | 5 | 5 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 1 | 5 | 2 | 3 | 1 | 1 | 2 | 1 | 4 | 3 | 3 |
| 14F | 4 | 1 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 5 | 4 | 2 | 2 | 4 | 3 | 4 | 5 | 5 | 5 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 2 | 4 | 5 | 1 |
| 15F | 4 | 2 | 2 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 3 | 5 | 4 | 5 | 2 | 3 | 5 | 3 | 2 | 2 | 5 |
| 16F | 2 | 3 | 2 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 2 | 5 | 3 | 2 | 2 | 2 | 4 | 2 | 3 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 3 | 3 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
| 17F | 3 | 5 | 2 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 1 | 4 | 3 | 1 | 3 | 5 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | 5 | 5 | 3 | 5 | 1 | 5 | 5 | 5 |
| 18F | 4 | 5 | 4 | 3 | 5 | 5 | 3 | 4 | 2 | 5 | 5 | 5 | 4 | 3 | 3 | 5 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 5 | 1 | 3 |
| 19F | 2 | 3 | 2 | 1 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 2 |

-

()

| | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1F | 4 | 5 | 5 | 1 | 1 | 2 | 5 | 4 | 5 | 5 | 2 | 5 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 5 | |
| 2F | 4 | 4 | 4 | 3 | 2 | 2 | 4 | 5 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 1 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 2 | 5 | 1 | 3 | |
| 3F | 4 | 5 | 4 | 3 | 2 | 5 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 5 | 3 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | 5 | 3 | 3 | |
| 4F | 5 | 3 | 5 | 4 | 2 | 4 | 2 | 5 | 2 | 4 | 3 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 2 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 1 | 4 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 2 | |
| 5F | 3 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 2 | 2 | 5 | 4 | 4 | 3 | 3 | 2 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | |
| 6F | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 1 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | |
| 7F | 5 | 5 | 5 | 3 | 5 | 5 | 4 | 4 | 1 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 1 | 5 | 4 | 4 | 5 | 2 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 2 | 5 | 2 | 2 | 5 | 1 | |
| 8F | 5 | 5 | 5 | 3 | 3 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 3 | 5 | 5 | 1 | 4 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 2 | 5 | 1 | 2 | 5 | 2 | |
| 9F | 5 | 5 | 3 | 3 | 2 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 5 | 4 | 5 | 3 | 4 | |
| 10F | 4 | 5 | 5 | 3 | 2 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 2 | 2 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 1 | 5 | 5 | 5 | 4 | |
| 11F | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 5 | 3 | 2 | 3 | 3 | |
| 12F | 5 | 5 | 1 | 3 | 3 | 5 | 5 | 5 | 1 | 2 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 1 | 4 | 2 | 5 | 5 | 4 | 2 | 4 | 4 | 2 | 2 | |
| 13F | 4 | 5 | 4 | 4 | 2 | 4 | 3 | 5 | 2 | 4 | 5 | 4 | 5 | 3 | 3 | 4 | 5 | 4 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | |
| 14F | 5 | 4 | 3 | 3 | 5 | 5 | 5 | 4 | 2 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 2 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 4 | 4 | 5 | 4 | 5 | 2 | 3 | |
| 15F | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 3 | 3 | 5 | 5 | |
| 16F | 4 | 2 | 4 | 5 | 4 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 3 | 1 | 4 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 1 | 5 | 1 | 1 | |
| 17F | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 18F | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19F | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 2 | 1 | 3 | 3 | |

| | | |
|-------|--------------------------------------|-----------|
| - | | |
| | :- | 168 |
| 1.1 | / | 169 |
| 1.2 | | 170 |
| 1.3 | | 170 |
| 1.4 | | 171 |
| | :- | 172 |
| 2.1 | (Project and Project Based Learning) | 172 |
| 2.2 | | 177 |
| 2.3 | | 180 |
| 2.4 | | 181 |
| 2.4.1 | | 182 |
| 2.4.2 | | 184 |
| 2.5 | | 186 |
| 2.6 | | 188 |
| | | 192 |

:-

"

(Project Based Learning)

10

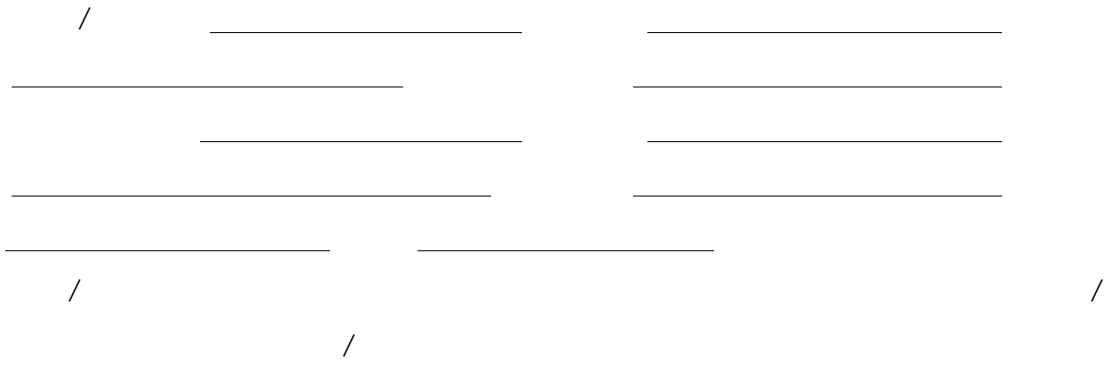
"



1.1



1.2



1.3



10

/

/

1.4

/

| | | | |
|--|--|-----|--|
| | | | |
| | | 1 2 | |
| | | 1 2 | |
| | | 1 2 | |
| | | 1 2 | |
| | | 1 2 | |
| | | 1 2 | |
| | | 1 2 | |

1 -

:-

/ /

2.1 (Project and Project Based Learning)

/

"

...

"

"

/

"

/

Teach Thought Staff (2019)

| | |
|--|----------------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | " / "Need to Knows"/ |
| | |
| | |
| | |
| | |
| | |
| | |
| | / |

-2

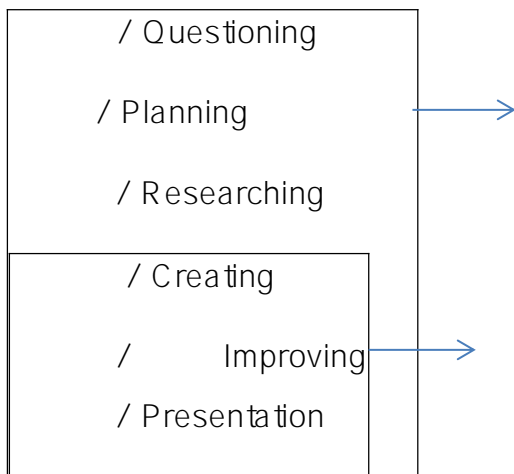
(Francis, 2018 Teach Thought Staff, 2019)

Thoughtful Learning Newsletter (2020)

(Traditional Class)

(Traditional Class)

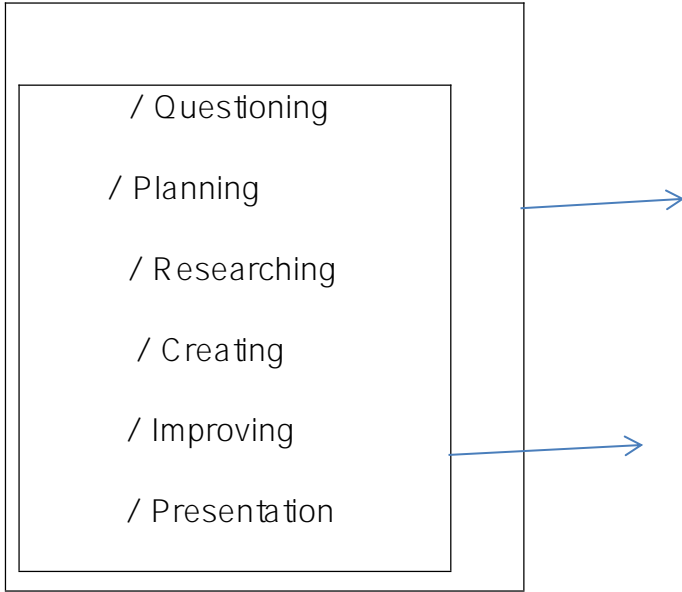
(10 2004)



- 1

(Thoughtful learning Newsletter, 2020)

and problem solving/ (/Critical Thinking
/communication/ /collaboration/
/creativity and innovation/ (Stivers, 2010 Praba, et al.,
2018))



-2

(Thoughtful learning Newsletter, 2020)

(Thoughtful Learning Newsletter, 2020)

/

(-

.)

2.2

(Kavlu, 2017)

Kokotsaki, Menzies, and Wiggins (2016) (Cocoo 2006)

-

(Simpson, 2011)

(Kavlu, 2017)

21

(Kavlu, 2017

() 21
()

(Kavlu, 2017)

2

2

/

/

(
)

2.3

(2009 . .)

(Richards and Rodgers, 2001)

(Jacobs 1988)

(2009 . . .)

...)

(

Perez, Garcia, Munoz,

Alonso, and Puche (2010)

| | | | |
|---|---|---|---|
| ✓ | / | / | ✓ |
| ✓ | | | ✓ |
| | / | | |
| ✓ | | | ✓ |
| ✓ | | | ✓ |
| | | | ✓ |
| ✓ | | | |

2.4

(Simpson, 2011)

2.4.1

/Instructor/

(Littlewood, 1981 Larsen-Freeman, 1986 Nunan, 1989 Brown,
2000 Simpson, 2011)

(Simpson, 2011)

Nassir (2014)

/

/

Simpson (2011)

/Rubric/

/ /grades/

/right or wrong answers/

/

/right or wrong answers/

/cognitive/

/metacognitive/

(Blumenfeld, et al.,1991)

/

(Simpson, 2011) Blumenfeld, et al. (1991)

Simpson (2011) Howard

(2002)

(Simpson, 2011 Gülbahar and Tinmaz, 2006)

(Simpson, 2011 Beckett & Slater, 2005)

(Simpson, 2011 Curtis, 2002)

(Kavlu, 2017)

2.4.2

(Larsen-Freeman, 1986 Nunan,

1989)

(Nunan, 1989)

(Simpson, 2011)

Murchú (2005) Simpson (2011)

/as a self-directed learner
member/collaborator/

-
/as a team
/as a knowledge manager/leader/

-

/

(Clark, 2006 Simpson, 2011)

(Murchú, 2005)

/

-

/

(Simpson, 2011)

-

2011)

(Murchú, 2005 Simpson,

/

2.5

Simpson (2011) Sheppard & Stoller (1995)

Beckett & Slater (2005)

Simpson (2011)

✓ / Gaining
language proficiency, self-efficacy and self-esteem/

✓ /Using real-life language and experiencing language in
meaningful life situations/

✓
Simpson (2011) Finch (2003) Johnson (2003) Markham et al., (2003)
Stanley (2000) Welsh (2006)

/
(Ellis, 1994)
/ Simpson
(2011) Stanley (2000)

Newell (2003)

(Simpson, 2011)

2.6

Melin, Axelsson and Wedlund (2006)

✓

✓

✓

✓

✓

✓

/Project Task/

(Melin et al., 2006)

-

✓ /Relevant and Autentic/ -

✓

✓

✓ /Project Group/

Melin et al. (2006)

/

(

.)

/

✓ / /Examination/

/

(Melin et al., 2006)

✓ /Feedback/

-

✓

-

✓

✓

✓

✓

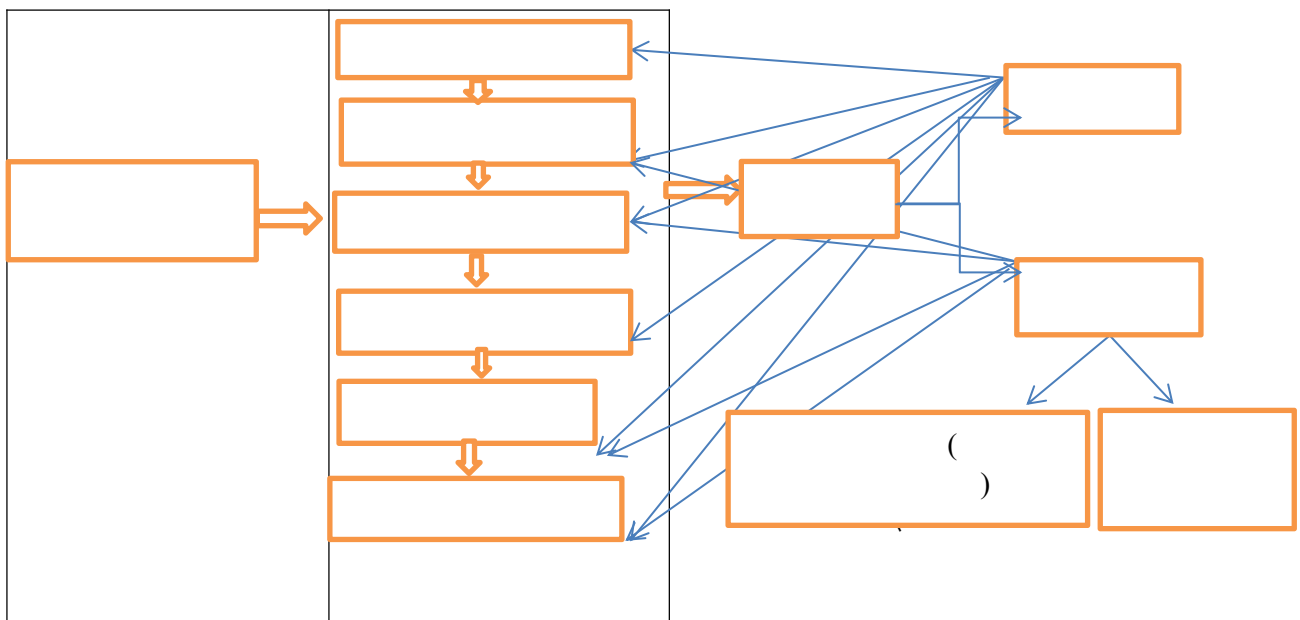
✓

✓

✓

/

/



3 -

1. -

2. -

3.

4. ... (Kokotsaki et al., 2016)

(2009) "

(

7

)"

()

(2004)

10

-

/ / /

Beckett, G. H. & Slater, T. (2005). The Project Framework: a Tool for Language, Content, and Skills Integration. *ELT Journal*, Vol. 59(2), Pp 108-116.

Blumenfeld, P. C., Soloway, E., Max, R. W., Krajcik, J., Guzdial, M. and Palincsar, A. (1991). Motivating Project Based Learning: Sustaining the Doing, Supporting the Learning. *Journal of Educational Psychologist*, Vol. 26(3&4), Pp. 369-398.

- Brown, H. D. (2000). *Principles of Language Learning and Teaching*. New York: Longman.
- Clark, A. M. (2006). Changing Classroom Practice to Include the Project Approach. *Early Childhood Research and Practice*, Vol. 8 (2). Accessed on 14/08/2011e.c. 5:10am. From <http://ecrp.uiuc.edu/v8n2/clark.html>
- Curtis, D. (2002). The Power of Projects. *Educational Leadership*, Vol. 60(1), Pp. 50-53. Accessed on 14/08/2011e.c. 3:58am. From <http://www.ascd.org/>;
- Ellis, R. (1994). *The Study of Second Language Acquisition*. Great Britain: Oxford University Press.
- Francis, E. M. (2018). Why Must it Be Doing Projects VS. Project Based Learning? Why not Accessed on: 10/05/2012 e.c. 4:30 am. From: <http://maverikeducation.com>.
- Gülbahar, Y., and Tinmaz, H. (2006). Implementing Project-Based Learning and Portfolio Assessment in an Undergraduate Course. *Journal of Research on Technology in Education*, Vol. 38 (3), Pp. 309-320.
- Jacobs, G. M. (1988). *Cooperative Goal Structure*. Cambridge: Cambridge University Press.
- Kavlu, A. (2017). Implementation of Project Based Learning (PBL) in EFL (English as a Foreign Language) Classrooms in Fezalar Educational Institutions (Iraq). *International Journal of Social Sciences & Educational Studies*, Vol.4, No.2 Ishik University, Sulaimania, Iraq
- Kokotsaki, D., Menzies, V. and Wiggins, A. (2016). Project Based Learning: a Review of the Litature. *Improving Schools*, 19(13). Pp. 267-277. Durbham University: SAGE Publications.
- Larsen-Freeman, D. (1986). *Techniques and Principles in Language Teaching*. New York: Oxford University Press.
- Littlewood, W. (1981). *Communicative Language Teaching*. New York: Cambridge University Press.

- Melin U., Axelsson K. and Wedlund T. (2006). *Project-Based Learning: An Emergent Framework for Designing Courses*. the Information Systems Education Conference 2006. Linköping University; Sweden: Linköping University Electronic Press. Accessed on: 09/09/2011 9:25 pm From: <https://www.diva-portal.org>.
- Murchú, D. O. (2005). New Teacher and Student Roles in the Technology-Supported, Language Classroom. *International Journal of Instructional Technology and Distance Learning*, Vol. 2(2), Pp. 3-10.
- Nassir, S. M.. (2014). "The Effectiveness of Project Based Learning Strategy on Ninth Graders' Achievement Level and their Attitude Towards English in Governmental School-North Governorate." The Islamic University of Gaza; Master Degree in Education (Unpublished).
- Nunan, D. (1989). *Designing Tasks for the Communicative Classroom*. Cambridge: Cambridge University Press.
- Perez, J., E. Garcia, J., Munoz, I., Alonso, A. S. and Puche, P. L. (2010). Cooperative Learning vs. Project Based Learning a practical case. Universidad Politécnica de Madrid and Universidad Rey Juan Carlos Madrid: Spain. Accessed on 19/05/2011e.c. 4:55am. From: <https://www.researchgate.net>
- Praba, L. T., Artini, L. and Ramendra, D. P. (2018). *Project Based Learning and Writing Skill in EFL: are they Related?* Universitas Pendidikan Ganesha: Indonesia. Accessed on 01/04/2011e.c. 5:17am. From <https://www.shs-conferences.org/>.
- Richards C. J. and Rodgers, T. S. (2001). *Approach and Methods in Language Teaching (2nd ed.)*. Cambridge: Cambridge University Press.

Simpson, J. (2011). "Integrating Project-Based Learning in an English Language Tourism Classroom in a Thai University". Australian Catholic University; The Degree of Doctor of Philosophy (Unpublished).

Stivers, J. (2010). Project-Based Learning. Accessed on 12/7/2011e.c. 2:35 am. From <http://www.fsmilitary.org/>.

Teach Thought Staff. (2019). the Difference Between Projects And Project-Based Learning. Accessed on: 09-05-2012 EC 05:10 am. From <https://www.teachingtimes.com/>

Thomas, J. W. (2000). A Review of Research on Project-Based Learning. Accessed on 18/08/2011ec. 3:40am. From <https://www.theshg.com/>

Thoughtful Learning Newsletter. (2020). How are projects and project-based learning different? Accessed on: 11/06/2012 9:25 pm From. <https://k12.thoughtfullearning.com>

-

10

/

- 1 10 - 100%

" / / / "

/ 50% /

/

/ 50% /

:- / :-

1902

- /

4 1938 .

30% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|--------|----|----|----|----|---------|
| 1 | 1 | 14 | 14 | 13 | 13.667 | 1 | 19 | 20 | 17 | 18.6667 |
| 2 | 2 | 17 | 15 | 19 | 17 | 2 | 13 | 15 | 14 | 14 |
| 3 | 3 | 20 | 15 | 17 | 17.333 | 3 | 17 | 20 | 18 | 18.3333 |
| 4 | 4 | 17 | 14 | 13 | 14.667 | 4 | 16 | 16 | 14 | 15.3333 |
| 5 | 5 | 17 | 13 | 15 | 15 | 5 | 19 | 24 | 21 | 21.3333 |
| 6 | 6 | 16 | 17 | 14 | 15.667 | 6 | 19 | 17 | 18 | 18 |
| 7 | 7 | 13 | 15 | 12 | 13.333 | 7 | 15 | 14 | 13 | 14 |
| 8 | 8 | 17 | 17 | 19 | 17.667 | 8 | 16 | 15 | 17 | 16 |
| 9 | 9 | 18 | 22 | 17 | 19 | 9 | 19 | 20 | 22 | 20.3333 |
| 10 | 10 | 20 | 18 | 17 | 18.333 | 10 | 16 | 16 | 17 | 16.3333 |
| 11 | 11 | 20 | 16 | 15 | 17 | 11 | 18 | 20 | 19 | 19 |
| 12 | 12 | 15 | 15 | 15 | 15 | 12 | 20 | 24 | 19 | 21 |
| 13 | 13 | 14 | 15 | 12 | 13.667 | 13 | 17 | 14 | 17 | 16 |
| 14 | 14 | 14 | 15 | 14 | 14.333 | 14 | 17 | 19 | 18 | 18 |
| 15 | 15 | 15 | 15 | 12 | 14 | 15 | 22 | 19 | 21 | 20.6667 |
| 16 | 16 | 15 | 17 | 13 | 15 | 16 | 14 | 15 | 13 | 14 |
| 17 | 17 | 13 | 17 | 14 | 14.667 | 17 | 16 | 18 | 16 | 16.6667 |
| 18 | 18 | 13 | 16 | 13 | 14 | 18 | 19 | 21 | 18 | 19.3333 |
| 19 | 19 | 16 | 16 | 15 | 15.667 | 19 | 15 | 17 | 16 | 16 |
| 20 | 20 | 16 | 17 | 18 | 17 | 20 | 14 | 14 | 15 | 14.3333 |
| 21 | 21 | 15 | 17 | 19 | 17 | 21 | 19 | 21 | 19 | 19.6667 |
| 22 | 22 | 13 | 15 | 15 | 14.333 | 22 | 17 | 16 | 17 | 16.6667 |
| 23 | 23 | 15 | 16 | 14 | 15 | 23 | 19 | 19 | 17 | 18.3333 |
| 24 | 24 | 17 | 19 | 17 | 17.667 | 24 | 21 | 21 | 23 | 21.6667 |
| 25 | 25 | 16 | 17 | 15 | 16 | 25 | 20 | 19 | 18 | 19 |
| 26 | 26 | 17 | 17 | 16 | 16.667 | 26 | 20 | 21 | 19 | 20 |
| 27 | 27 | 17 | 17 | 16 | 16.667 | 27 | 19 | 15 | 19 | 17.6667 |
| 28 | 28 | 15 | 17 | 15 | 15.667 | 28 | 16 | 14 | 16 | 15.3333 |
| 29 | 29 | 13 | 16 | 15 | 14.667 | 29 | 19 | 21 | 17 | 19 |
| 30 | 30 | 18 | 17 | 15 | 16.667 | 30 | 20 | 21 | 22 | 21 |
| 31 | 31 | 18 | 17 | 16 | 17 | 31 | 14 | 15 | 20 | 16.3333 |
| 32 | 32 | 16 | 19 | 15 | 16.667 | 32 | 21 | 19 | 22 | 20.6667 |
| 33 | 33 | 14 | 16 | 17 | 15.667 | 33 | 18 | 19 | 19 | 18.6667 |
| 34 | 34 | 15 | 12 | 16 | 14.333 | 34 | 19 | 18 | 20 | 19 |
| 35 | 35 | 17 | 14 | 16 | 15.667 | 35 | 18 | 18 | 17 | 17.6667 |
| 36 | 36 | 18 | 19 | 16 | 17.667 | 36 | 20 | 20 | 21 | 20.3333 |

| | | | | | | | | | | |
|----|----|----|----|----|--------|----|----|----|----|---------|
| 37 | 37 | 16 | 19 | 15 | 16.667 | 37 | 23 | 22 | 24 | 23 |
| 38 | 38 | 18 | 17 | 16 | 17 | 38 | 14 | 16 | 15 | 15 |
| 39 | 39 | 21 | 19 | 18 | 19.333 | 39 | 19 | 17 | 22 | 19.3333 |
| 40 | 40 | 17 | 17 | 15 | 16.333 | 40 | 19 | 22 | 19 | 20 |
| 41 | 41 | 16 | 17 | 18 | 17 | 41 | 20 | 21 | 23 | 21.3333 |
| 42 | 42 | 17 | 17 | 16 | 16.667 | 42 | 14 | 14 | 17 | 15 |
| 43 | 43 | 15 | 15 | 17 | 15.667 | 43 | 19 | 16 | 18 | 17.6667 |
| 44 | 44 | 15 | 16 | 17 | 16 | 44 | 18 | 17 | 22 | 19 |
| 45 | 45 | 16 | 17 | 16 | 16.333 | 45 | 19 | 22 | 21 | 20.6667 |
| 46 | 46 | 14 | 17 | 18 | 16.333 | 46 | 19 | 17 | 19 | 18.3333 |
| 47 | 47 | 17 | 16 | 16 | 16.333 | 47 | 21 | 22 | 21 | 21.3333 |

20% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 1 | 1 | 12 | 12 | 11 | 11.6667 | 1 | 13 | 13 | 14 | 13.3333 |
| 2 | 2 | 10 | 11 | 12 | 11 | 2 | 14 | 13 | 14 | 13.6667 |
| 3 | 3 | 13 | 9 | 12 | 11.3333 | 3 | 11 | 11 | 14 | 12 |
| 4 | 4 | 10 | 9 | 8 | 9 | 4 | 14 | 10 | 14 | 12.6667 |
| 5 | 5 | 11 | 10 | 12 | 11 | 5 | 10 | 11 | 15 | 12 |
| 6 | 6 | 13 | 10 | 11 | 11.3333 | 6 | 12 | 11 | 16 | 13 |
| 7 | 7 | 13 | 10 | 11 | 11.3333 | 7 | 14 | 12 | 15 | 13.6667 |
| 8 | 8 | 11 | 10 | 10 | 10.3333 | 8 | 13 | 16 | 16 | 15 |
| 9 | 9 | 11 | 11 | 12 | 11.3333 | 9 | 13 | 12 | 15 | 13.3333 |
| 10 | 10 | 12 | 14 | 13 | 13 | 10 | 10 | 12 | 16 | 12.6667 |
| 11 | 11 | 10 | 12 | 11 | 11 | 11 | 11 | 11 | 16 | 12.6667 |
| 12 | 12 | 9 | 9 | 12 | 10 | 12 | 12 | 10 | 15 | 12.3333 |
| 13 | 13 | 9 | 10 | 11 | 10 | 13 | 12 | 11 | 15 | 12.6667 |
| 14 | 14 | 12 | 11 | 12 | 11.6667 | 14 | 13 | 11 | 15 | 13 |
| 15 | 15 | 11 | 10 | 9 | 10 | 15 | 12 | 10 | 13 | 11.6667 |
| 16 | 16 | 12 | 10 | 9 | 10.3333 | 16 | 11 | 10 | 12 | 11 |
| 17 | 17 | 11 | 11 | 8 | 10 | 17 | 12 | 11 | 12 | 11.6667 |
| 18 | 18 | 10 | 13 | 11 | 11.3333 | 18 | 12 | 14 | 14 | 13.3333 |
| 19 | 19 | 11 | 13 | 8 | 10.6667 | 19 | 10 | 11 | 12 | 11 |
| 20 | 20 | 13 | 10 | 14 | 12.3333 | 20 | 12 | 15 | 16 | 14.3333 |
| 21 | 21 | 12 | 13 | 12 | 12.3333 | 21 | 13 | 16 | 14 | 14.3333 |
| 22 | 22 | 11 | 9 | 10 | 10 | 22 | 13 | 12 | 13 | 12.6667 |
| 23 | 23 | 11 | 9 | 10 | 10 | 23 | 12 | 14 | 13 | 13 |
| 24 | 24 | 13 | 11 | 11 | 11.6667 | 24 | 14 | 15 | 13 | 14 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 25 | 25 | 10 | 11 | 9 | 10 | 25 | 11 | 12 | 11 | 11.3333 |
| 26 | 26 | 12 | 10 | 11 | 11 | 26 | 14 | 12 | 14 | 13.3333 |
| 27 | 27 | 12 | 11 | 10 | 11 | 27 | 14 | 12 | 13 | 13 |
| 28 | 28 | 10 | 12 | 10 | 10.6667 | 28 | 14 | 12 | 10 | 12 |
| 29 | 29 | 10 | 10 | 10 | 10 | 29 | 11 | 12 | 13 | 12 |
| 30 | 30 | 10 | 10 | 11 | 10.3333 | 30 | 12 | 13 | 11 | 12 |
| 31 | 31 | 11 | 12 | 10 | 11 | 31 | 11 | 12 | 13 | 12 |
| 32 | 32 | 12 | 11 | 12 | 11.6667 | 32 | 10 | 14 | 14 | 12.6667 |
| 33 | 33 | 7 | 11 | 12 | 10 | 33 | 16 | 15 | 14 | 15 |
| 34 | 34 | 10 | 11 | 8 | 9.66667 | 34 | 13 | 14 | 15 | 14 |
| 35 | 35 | 11 | 9 | 10 | 10 | 35 | 11 | 12 | 10 | 11 |
| 36 | 36 | 13 | 12 | 12 | 12.3333 | 36 | 11 | 14 | 15 | 13.3333 |
| 37 | 37 | 11 | 10 | 10 | 10.3333 | 37 | 17 | 13 | 12 | 14 |
| 38 | 38 | 13 | 10 | 11 | 11.3333 | 38 | 14 | 13 | 15 | 14 |
| 39 | 39 | 10 | 11 | 12 | 11 | 39 | 15 | 14 | 11 | 13.3333 |
| 40 | 40 | 11 | 11 | 14 | 12 | 40 | 13 | 15 | 13 | 13.6667 |
| 41 | 41 | 12 | 11 | 13 | 12 | 41 | 13 | 14 | 13 | 13.3333 |
| 42 | 42 | 13 | 14 | 12 | 13 | 42 | 16 | 14 | 13 | 14.3333 |
| 43 | 43 | 11 | 10 | 10 | 10.3333 | 43 | 15 | 11 | 13 | 13 |
| 44 | 44 | 10 | 10 | 13 | 11 | 44 | 15 | 16 | 15 | 15.3333 |
| 45 | 45 | 13 | 13 | 15 | 13.6667 | 45 | 15 | 12 | 11 | 12.6667 |
| 46 | 46 | 12 | 11 | 10 | 11 | 46 | 14 | 12 | 15 | 13.6667 |
| 47 | 47 | 10 | 10 | 12 | 10.6667 | 47 | 11 | 12 | 15 | 12.6667 |

20%

()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 1 | 1 | 10 | 11 | 13 | 11.3333 | 1 | 15 | 12 | 13 | 13.3333 |
| 2 | 2 | 10 | 12 | 13 | 11.6667 | 2 | 13 | 11 | 13 | 12.3333 |
| 3 | 3 | 13 | 9 | 11 | 11 | 3 | 15 | 16 | 13 | 14.6667 |
| 4 | 4 | 8 | 13 | 9 | 10 | 4 | 13 | 15 | 12 | 13.3333 |
| 5 | 5 | 9 | 11 | 7 | 9 | 5 | 14 | 11 | 12 | 12.3333 |
| 6 | 6 | 9 | 10 | 13 | 10.6667 | 6 | 14 | 16 | 13 | 14.3333 |
| 7 | 7 | 13 | 12 | 8 | 11 | 7 | 16 | 14 | 12 | 14 |
| 8 | 8 | 10 | 12 | 12 | 11.3333 | 8 | 14 | 15 | 12 | 13.6667 |
| 9 | 9 | 13 | 16 | 14 | 14.3333 | 9 | 16 | 16 | 15 | 15.6667 |
| 10 | 10 | 10 | 14 | 12 | 12 | 10 | 14 | 16 | 14 | 14.6667 |
| 11 | 11 | 15 | 15 | 10 | 13.3333 | 11 | 13 | 16 | 13 | 14 |
| 12 | 12 | 10 | 11 | 10 | 10.3333 | 12 | 13 | 16 | 13 | 14 |
| 13 | 13 | 10 | 10 | 10 | 10 | 13 | 14 | 12 | 13 | 13 |
| 14 | 14 | 10 | 12 | 9 | 10.3333 | 14 | 13 | 15 | 13 | 13.6667 |
| 15 | 15 | 7 | 10 | 7 | 8 | 15 | 10 | 11 | 12 | 11 |
| 16 | 16 | 10 | 13 | 11 | 11.3333 | 16 | 13 | 14 | 12 | 13 |
| 17 | 17 | 12 | 11 | 13 | 12 | 17 | 12 | 11 | 13 | 12 |
| 18 | 18 | 13 | 10 | 15 | 12.6667 | 18 | 14 | 15 | 15 | 14.6667 |
| 19 | 19 | 10 | 10 | 10 | 10 | 19 | 13 | 11 | 14 | 12.6667 |
| 20 | 20 | 14 | 10 | 12 | 12 | 20 | 15 | 14 | 15 | 14.6667 |
| 21 | 21 | 14 | 12 | 13 | 13 | 21 | 9 | 12 | 11 | 10.6667 |
| 22 | 22 | 10 | 10 | 12 | 10.6667 | 22 | 15 | 13 | 11 | 13 |
| 23 | 23 | 13 | 11 | 14 | 12.6667 | 23 | 15 | 15 | 16 | 15.3333 |
| 24 | 24 | 14 | 14 | 13 | 13.6667 | 24 | 13 | 12 | 11 | 12 |
| 25 | 25 | 11 | 13 | 10 | 11.3333 | 25 | 9 | 10 | 9 | 9.33333 |
| 26 | 26 | 11 | 13 | 11 | 11.6667 | 26 | 15 | 12 | 13 | 13.3333 |
| 27 | 27 | 10 | 13 | 10 | 11 | 27 | 14 | 11 | 13 | 12.6667 |
| 28 | 28 | 10 | 10 | 8 | 9.33333 | 28 | 11 | 12 | 14 | 12.3333 |
| 29 | 29 | 14 | 11 | 11 | 12 | 29 | 14 | 16 | 12 | 14 |
| 30 | 30 | 11 | 11 | 11 | 11 | 30 | 16 | 14 | 14 | 14.6667 |
| 31 | 31 | 11 | 13 | 10 | 11.3333 | 31 | 14 | 11 | 13 | 12.6667 |
| 32 | 32 | 13 | 10 | 10 | 11 | 32 | 14 | 15 | 13 | 14 |
| 33 | 33 | 11 | 10 | 8 | 9.66667 | 33 | 15 | 15 | 13 | 14.3333 |
| 34 | 34 | 11 | 9 | 10 | 10 | 34 | 11 | 12 | 10 | 11 |
| 35 | 35 | 11 | 10 | 8 | 9.66667 | 35 | 14 | 13 | 14 | 13.6667 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 36 | 36 | 15 | 13 | 14 | 14 | 36 | 14 | 15 | 15 | 14.6667 |
| 37 | 37 | 12 | 10 | 10 | 10.6667 | 37 | 10 | 9 | 10 | 9.66667 |
| 38 | 38 | 11 | 10 | 13 | 11.3333 | 38 | 11 | 12 | 11 | 11.3333 |
| 39 | 39 | 10 | 15 | 12 | 12.3333 | 39 | 14 | 11 | 16 | 13.6667 |
| 40 | 40 | 10 | 11 | 13 | 11.3333 | 40 | 17 | 14 | 15 | 15.3333 |
| 41 | 41 | 10 | 12 | 13 | 11.6667 | 41 | 15 | 14 | 15 | 14.6667 |
| 42 | 42 | 13 | 9 | 11 | 11 | 42 | 11 | 12 | 11 | 11.3333 |
| 43 | 43 | 8 | 10 | 9 | 9 | 43 | 13 | 14 | 13 | 13.3333 |
| 44 | 44 | 9 | 12 | 7 | 9.3333 | 44 | 14 | 11 | 12 | 12.3333 |
| 45 | 45 | 9 | 10 | 13 | 10.6667 | 45 | 15 | 11 | 13 | 13 |
| 46 | 46 | 13 | 15 | 8 | 12 | 46 | 11 | 10 | 12 | 11 |
| 47 | 47 | 10 | 11 | 12 | 11 | 47 | 12 | 11 | 13 | 12 |

' -

25% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|----------|
| 1 | 1 | 12 | 10 | 17 | 13 | 1 | 17 | 14 | 16 | 15.66667 |
| 2 | 2 | 11 | 15 | 14 | 13.3333 | 2 | 15 | 14 | 16 | 15 |
| 3 | 3 | 8 | 10 | 7 | 8.3333 | 3 | 12 | 15 | 11 | 12.66667 |
| 4 | 4 | 10 | 16 | 7 | 11 | 4 | 15 | 13 | 17 | 15 |
| 5 | 5 | 10 | 14 | 12 | 12 | 5 | 14 | 12 | 15 | 13.66667 |
| 6 | 6 | 16 | 12 | 16 | 14.6667 | 6 | 17 | 15 | 17 | 16.3333 |
| 7 | 7 | 13 | 13 | 10 | 12 | 7 | 15 | 13 | 15 | 14.3333 |
| 8 | 8 | 12 | 15 | 16 | 14.3333 | 8 | 17 | 16 | 18 | 17 |
| 9 | 9 | 16 | 12 | 13 | 13.6667 | 9 | 10 | 11 | 11 | 10.66667 |
| 10 | 10 | 17 | 12 | 15 | 14.6667 | 10 | 18 | 17 | 18 | 17.66667 |
| 11 | 11 | 12 | 15 | 14 | 13.6667 | 11 | 17 | 14 | 15 | 15.3333 |
| 12 | 12 | 10 | 13 | 11 | 11.3333 | 12 | 18 | 16 | 20 | 18 |
| 13 | 13 | 12 | 13 | 10 | 11.6667 | 13 | 10 | 11 | 9 | 10 |
| 14 | 14 | 12 | 15 | 10 | 12.3333 | 14 | 12 | 10 | 13 | 11.66667 |
| 15 | 15 | 14 | 12 | 8 | 11.3333 | 15 | 17 | 19 | 18 | 18 |
| 16 | 16 | 14 | 15 | 15 | 14.6667 | 16 | 16 | 16 | 15 | 15.66667 |
| 17 | 17 | 10 | 15 | 16 | 13.6667 | 17 | 18 | 15 | 16 | 16.3333 |
| 18 | 18 | 16 | 13 | 17 | 15.3333 | 18 | 12 | 14 | 12 | 12.66667 |
| 19 | 19 | 11 | 12 | 10 | 11 | 19 | 16 | 14 | 14 | 14.66667 |
| 20 | 20 | 12 | 17 | 11 | 13.3333 | 20 | 17 | 13 | 15 | 15 |
| 21 | 21 | 10 | 17 | 12 | 13 | 21 | 17 | 17 | 16 | 16.66667 |
| 22 | 22 | 11 | 11 | 15 | 12.3333 | 22 | 16 | 14 | 12 | 14 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|----------|
| 23 | 23 | 18 | 17 | 14 | 16.3333 | 23 | 14 | 13 | 14 | 13.66667 |
| 24 | 24 | 18 | 15 | 16 | 16.3333 | 24 | 18 | 17 | 16 | 17 |
| 25 | 25 | 13 | 16 | 14 | 14.3333 | 25 | 17 | 18 | 17 | 17.33333 |
| 26 | 26 | 12 | 16 | 15 | 14.3333 | 26 | 15 | 17 | 13 | 15 |
| 27 | 27 | 12 | 14 | 13 | 13 | 27 | 10 | 12 | 10 | 10.66667 |
| 28 | 28 | 13 | 10 | 11 | 11.3333 | 28 | 16 | 15 | 19 | 16.66667 |
| 29 | 29 | 16 | 14 | 11 | 13.6667 | 29 | 17 | 13 | 15 | 15 |
| 30 | 30 | 14 | 13 | 12 | 13 | 30 | 17 | 17 | 19 | 17.66667 |
| 31 | 31 | 11 | 13 | 12 | 12 | 31 | 15 | 12 | 14 | 13.66667 |
| 32 | 32 | 13 | 16 | 12 | 13.6667 | 32 | 11 | 11 | 10 | 10.66667 |
| 33 | 33 | 13 | 10 | 11 | 11.3333 | 33 | 17 | 15 | 18 | 16.66667 |
| 34 | 34 | 12 | 10 | 11 | 11 | 34 | 15 | 14 | 15 | 14.66667 |
| 35 | 35 | 15 | 9 | 14 | 12.6667 | 35 | 15 | 14 | 16 | 15 |
| 36 | 36 | 18 | 16 | 13 | 15.6667 | 36 | 13 | 12 | 11 | 12 |
| 37 | 37 | 10 | 12 | 13 | 11.6667 | 37 | 16 | 15 | 14 | 15 |
| 38 | 38 | 12 | 15 | 17 | 14.6667 | 38 | 15 | 15 | 17 | 15.66667 |
| 39 | 39 | 15 | 14 | 15 | 14.6667 | 39 | 17 | 14 | 17 | 16 |
| 40 | 40 | 8 | 10 | 7 | 8.33333 | 40 | 16 | 17 | 18 | 17 |
| 41 | 41 | 10 | 12 | 7 | 9.66667 | 41 | 14 | 15 | 16 | 15 |
| 42 | 42 | 10 | 14 | 12 | 12 | 42 | 19 | 15 | 15 | 16.33333 |
| 43 | 43 | 16 | 11 | 13 | 13.3333 | 43 | 13 | 14 | 12 | 13 |
| 44 | 44 | 13 | 13 | 10 | 12 | 44 | 10 | 10 | 11 | 10.33333 |
| 45 | 45 | 12 | 13 | 12 | 12.3333 | 45 | 15 | 13 | 17 | 15 |
| 46 | 46 | 15 | 12 | 13 | 13.3333 | 46 | 17 | 18 | 20 | 18.33333 |
| 47 | 47 | 14 | 13 | 15 | 14 | 47 | 17 | 13 | 15 | 15 |

5% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|-----|-----|-----|--------|----|-----|-----|-----|--------|
| 1 | 1 | 2 | 2.5 | 2 | 2.1667 | 1 | 3.5 | 3 | 3 | 3.1667 |
| 2 | 2 | 2 | 2 | 3 | 2.3333 | 2 | 2 | 3.5 | 3 | 2.8333 |
| 3 | 3 | 2.5 | 2 | 2 | 2.1667 | 3 | 3.5 | 3 | 3 | 3.1667 |
| 4 | 4 | 2 | 2.5 | 3 | 2.5 | 4 | 3 | 3 | 2.5 | 2.8333 |
| 5 | 5 | 2 | 3 | 2.5 | 2.5 | 5 | 2 | 2.5 | 3 | 2.5 |
| 6 | 6 | 2 | 3 | 2 | 2.3333 | 6 | 2.5 | 3 | 3 | 2.8333 |
| 7 | 7 | 2 | 3.5 | 2 | 2.5 | 7 | 3 | 3 | 3.5 | 3.1667 |
| 8 | 8 | 2.5 | 2 | 3 | 2.5 | 8 | 4.5 | 3 | 3 | 3.5 |
| 9 | 9 | 3 | 4 | 3 | 3.3333 | 9 | 3 | 3.5 | 4 | 3.5 |
| 10 | 10 | 3 | 2 | 2.5 | 2.5 | 10 | 3 | 2 | 3.5 | 2.8333 |
| 11 | 11 | 3.5 | 2 | 3 | 2.8333 | 11 | 3 | 3.5 | 4 | 3.5 |
| 12 | 12 | 4 | 2.5 | 4 | 3.5 | 12 | 3.5 | 3 | 4 | 3.5 |
| 13 | 13 | 2 | 2 | 2 | 2 | 13 | 4 | 3.5 | 4 | 3.8333 |
| 14 | 14 | 2 | 2 | 3 | 2.3333 | 14 | 2 | 2 | 3.5 | 2.5 |
| 15 | 15 | 2 | 2 | 2.5 | 2.1667 | 15 | 3 | 4 | 3 | 3.3333 |
| 16 | 16 | 2.5 | 2 | 3 | 2.5 | 16 | 3.5 | 2 | 3 | 2.8333 |
| 17 | 17 | 2 | 2 | 2 | 2 | 17 | 3 | 2.5 | 4 | 3.1667 |
| 18 | 18 | 2 | 3.5 | 2 | 2.5 | 18 | 2 | 3 | 2.5 | 2.5 |
| 19 | 19 | 2 | 3 | 2 | 2.3333 | 19 | 3.5 | 3 | 4 | 3.5 |
| 20 | 20 | 2 | 3 | 2.5 | 2.5 | 20 | 2 | 2.5 | 2 | 2.1667 |
| 21 | 21 | 2 | 2.5 | 2 | 2.1667 | 21 | 4.5 | 3 | 4 | 3.8333 |
| 22 | 22 | 2 | 2 | 2 | 2 | 22 | 2 | 2 | 2.5 | 2.1667 |
| 23 | 23 | 3.5 | 3 | 2.5 | 3 | 23 | 4 | 2.5 | 4 | 3.5 |
| 24 | 24 | 3 | 3 | 3.5 | 3.1667 | 24 | 3 | 3 | 3 | 3 |
| 25 | 25 | 3 | 2.5 | 3 | 2.8333 | 25 | 4 | 4 | 3.5 | 3.8333 |
| 26 | 26 | 2 | 2 | 2.5 | 2.1667 | 26 | 2.5 | 2 | 3 | 2.5 |
| 27 | 27 | 2.5 | 2.5 | 3 | 2.6667 | 27 | 4 | 3.5 | 4 | 3.8333 |
| 28 | 28 | 3 | 3 | 2 | 2.6667 | 28 | 3 | 3 | 3 | 3 |
| 29 | 29 | 3 | 2.5 | 3 | 2.8333 | 29 | 3 | 2 | 4 | 3 |
| 30 | 30 | 3 | 2 | 2 | 2.3333 | 30 | 3 | 3.5 | 2.5 | 3 |
| 31 | 31 | 3.5 | 3 | 3.5 | 3.3333 | 31 | 3.5 | 3 | 4 | 3.5 |
| 32 | 32 | 2 | 2 | 3 | 2.3333 | 32 | 3 | 2 | 3 | 2.6667 |
| 33 | 33 | 3 | 2 | 2 | 2.3333 | 33 | 3 | 4 | 4 | 3.6667 |
| 34 | 34 | 2 | 2.5 | 2 | 2.1667 | 34 | 2 | 2.5 | 2.5 | 2.3333 |
| 35 | 35 | 2.5 | 2 | 3.5 | 2.6667 | 35 | 2.5 | 2 | 3 | 2.5 |
| 36 | 36 | 2 | 2 | 3 | 2.3333 | 36 | 3 | 2 | 3.5 | 2.8333 |

| | | | | | | | | | | |
|----|----|-----|-----|-----|--------|----|-----|-----|-----|--------|
| 37 | 37 | 2 | 3 | 2.5 | 2.5 | 37 | 3.5 | 4 | 3 | 3.5 |
| 38 | 38 | 3 | 2.5 | 3 | 2.8333 | 38 | 3 | 3 | 4 | 3.3333 |
| 39 | 39 | 2.5 | 3 | 4 | 3.1667 | 39 | 3 | 2.5 | 4 | 3.1667 |
| 40 | 40 | 2 | 2 | 2 | 2 | 40 | 2 | 2 | 2 | 2 |
| 41 | 41 | 2 | 3 | 2 | 2.3333 | 41 | 3 | 4 | 3.5 | 3.5 |
| 42 | 42 | 2 | 2.5 | 2.5 | 2.3333 | 42 | 3.5 | 3 | 3 | 3.1667 |
| 43 | 43 | 2.5 | 3 | 3 | 2.8333 | 43 | 2.5 | 3 | 3.5 | 3 |
| 44 | 44 | 3 | 2 | 2 | 2.3333 | 44 | 3 | 3.5 | 2 | 2.8333 |
| 45 | 45 | 2 | 2.5 | 3 | 2.5 | 45 | 3 | 3 | 4 | 3.3333 |
| 46 | 46 | 2 | 2 | 3 | 2.3333 | 46 | 2.5 | 2 | 2.5 | 2.3333 |
| 47 | 47 | 2.5 | 3 | 3 | 2.8333 | 47 | 3 | 3.5 | 4 | 3.5 |

100% ()

| . | . | 1 | 2 | 3 | . | 1 | 2 | 3 | . | |
|----|----|------|-----------|-----------|---------|----|------|------|------|---------|
| 1 | 1 | 50 | 49.5 | 56 | 51.8333 | 1 | 67.5 | 62 | 63 | 64.1667 |
| 2 | 2 | 50 | 55 | 61 | 55.3333 | 2 | 57 | 56.5 | 60 | 57.8333 |
| 3 | 3 | 56.5 | 45 | 49 | 50.1667 | 3 | 58.5 | 65 | 59 | 60.8333 |
| 4 | 4 | 47 | 54.5 | 40 | 47.1667 | 4 | 61 | 57 | 59.5 | 59.1667 |
| 5 | 5 | 49 | 51 | 48.5 | 49.5 | 5 | 59 | 60.5 | 66 | 61.8333 |
| 6 | 6 | 56 | 52 | 56 | 54.6667 | 6 | 64.5 | 62 | 67 | 64.5 |
| 7 | 7 | 54 | 53.5 | 43 | 50.1667 | 7 | 63 | 56 | 58.5 | 59.1667 |
| 8 | 8 | 52.5 | 56 | 60 | 56.1667 | 8 | 64.5 | 65 | 66 | 65.1667 |
| 9 | 9 | 61 | 65 | 59 | 61.6667 | 9 | 61 | 62.5 | 67 | 63.5 |
| 10 | 10 | 62 | 60 | 59.5 | 60.5 | 10 | 61 | 63 | 68.5 | 64.1667 |
| 11 | 11 | 60.5 | 60 | 53 | 57.8333 | 11 | 62 | 64.5 | 67 | 64.5 |
| 12 | 12 | 48 | 50.5 | 52 | 50.1667 | 12 | 66.5 | 69 | 71 | 68.8333 |
| 13 | 13 | 47 | 50 | 45 | 47.3333 | 13 | 57 | 51.5 | 58 | 55.5 |
| 14 | 14 | 50 | 55 | 48 | 51 | 14 | 57 | 57 | 62.5 | 58.8333 |
| 15 | 15 | 49 | 49 | 38.5 | 45.5 | 15 | 64 | 63 | 67 | 64.6667 |
| 16 | 16 | 53.5 | 57 | 51 | 53.8333 | 16 | 57.5 | 57 | 55 | 56.5 |
| 17 | 17 | 48 | 56 | 53 | 52.3333 | 17 | 61 | 57.5 | 61 | 59.8333 |
| 18 | 18 | 54 | 55.5 | 58 | 55.8333 | 18 | 59 | 67 | 61.5 | 62.5 |
| 19 | 19 | 50 | 54 | 45 | 49.6667 | 19 | 57.5 | 56 | 60 | 57.8333 |
| 20 | 20 | 57 | 57 | 57.5 | 57.1667 | 20 | 60 | 58.5 | 63 | 60.5 |
| 21 | 21 | 53 | 61.5 | 58 | 57.5 | 21 | 62.5 | 69 | 64 | 65.1667 |
| 22 | 22 | 47 | 47 | 54 | 49.3333 | 22 | 63 | 57 | 55.5 | 58.5 |
| 23 | 23 | 60.5 | 56 | 54.5 | 57 | 23 | 64 | 63.5 | 64 | 63.8333 |
| 24 | 24 | 65 | 62 | 60.5 | 62.5 | 24 | 69 | 68 | 66 | 67.6667 |

| | | | | | | | | | | |
|----|----|------|------|------|---------|----|------|------|------|---------|
| 25 | 25 | 53 | 59.5 | 51 | 54.5 | 25 | 61 | 63 | 58.5 | 60.8333 |
| 26 | 26 | 54 | 58 | 55.5 | 55.8333 | 26 | 66.5 | 64 | 62 | 64.1667 |
| 27 | 27 | 53.5 | 57.5 | 52 | 54.3333 | 27 | 61 | 53.5 | 59 | 57.8333 |
| 28 | 28 | 51 | 52 | 46 | 49.6667 | 28 | 60 | 56 | 62 | 59.3333 |
| 29 | 29 | 56 | 53.5 | 50 | 53.1667 | 29 | 64 | 64 | 61 | 63 |
| 30 | 30 | 56 | 53 | 51 | 53.3333 | 30 | 68 | 68.5 | 68.5 | 68.3333 |
| 31 | 31 | 54.5 | 58 | 51.5 | 54.6667 | 31 | 57.5 | 53 | 64 | 58.1667 |
| 32 | 32 | 56 | 58 | 52 | 55.3333 | 32 | 59 | 61 | 62 | 60.6667 |
| 33 | 33 | 48 | 49 | 50 | 49 | 33 | 69 | 68 | 68 | 68.3333 |
| 34 | 34 | 50 | 44.5 | 47 | 47.1667 | 34 | 60 | 60.5 | 62.5 | 61 |
| 35 | 35 | 56.5 | 44 | 51.5 | 50.6667 | 35 | 60.5 | 59 | 60 | 59.8333 |
| 36 | 36 | 66 | 62 | 58 | 62 | 36 | 61 | 63 | 65.5 | 63.1667 |
| 37 | 37 | 51 | 54 | 50.5 | 51.8333 | 37 | 69.5 | 63 | 63 | 65.1667 |
| 38 | 38 | 57 | 54.5 | 60 | 57.1667 | 38 | 57 | 59 | 62 | 59.3333 |
| 39 | 39 | 58.5 | 62 | 61 | 60.5 | 39 | 68 | 58.5 | 70 | 65.5 |
| 40 | 40 | 48 | 51 | 51 | 50 | 40 | 67 | 70 | 67 | 68 |
| 41 | 41 | 50 | 55 | 53 | 52.6667 | 41 | 65 | 68 | 70.5 | 67.8333 |
| 42 | 42 | 55 | 56.5 | 53.5 | 55 | 42 | 63.5 | 58 | 59 | 60.1667 |
| 43 | 43 | 52.5 | 49 | 52 | 51.1667 | 43 | 62.5 | 58 | 59.5 | 60 |
| 44 | 44 | 50 | 53 | 49 | 50.6667 | 44 | 60 | 57.5 | 62 | 59.8333 |
| 45 | 45 | 52 | 55.5 | 59 | 55.5 | 45 | 67 | 61 | 66 | 64.6667 |
| 46 | 46 | 56 | 57 | 52 | 55 | 46 | 63.5 | 59 | 68.5 | 63.6667 |
| 47 | 47 | 53.5 | 53 | 58 | 54.8333 | 47 | 64 | 61.5 | 68 | 64.5 |

(())

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|
| 1 | 1 | 2 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 2 | 2 | 3 | 2 | 4 | 4 | 1 | 4 | 1 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 3.24324 |
| 2 | 2 | 5 | 5 | 1 | 4 | 5 | 4 | 2 | 2 | 4 | 5 | 2 | 3 | 1 | 4 | 1 | 4 | 1 | 4 | 2 | 2 | 1 | 2 | 5 | 4 | 2 | 5 | 2 | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 1 | 1 | 4 | 3.13514 | |
| 3 | 3 | 4 | 4 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 1 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 5 | 2 | 2 | 4 | 3 | 4 | 4 | 1 | 1 | 4 | 4 | 1 | 4 | 3.02703 | |
| 4 | 4 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 5 | 3 | 1 | 2 | 1 | 3 | 3 | 2 | 1 | 2 | 5 | 2.08108 | |
| 5 | 5 | 2 | 4 | 2 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 3 | 3 | 2 | 3 | 4 | 5 | 2 | 4 | 2 | 4 | 4 | 2 | 3 | 4 | 3.35135 | |
| 6 | 6 | 2 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 1 | 3 | 5 | 4 | 5 | 3 | 1 | 4 | 1 | 4 | 5 | 3 | 2 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 3.64865 | |
| 7 | 7 | 4 | 5 | 3 | 3 | 1 | 2 | 4 | 3 | 5 | 5 | 5 | 5 | 3 | 2 | 2 | 1 | 4 | 2 | 2 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 2 | 2 | 5 | 4 | 5 | 4 | 1 | 3 | 5 | 5 | 4 | 3.59459 | |
| 8 | 8 | 5 | 3 | 4 | 5 | 4 | 5 | 4 | 3 | 1 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 5 | 5 | 2 | 3 | 5 | 4 | 4 | 1 | 1 | 1 | 2 | 5 | 1 | 3 | 3 | 2 | 2 | 1 | 3 | 4 | 4 | 3.32432 | |
| 9 | 9 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 4 | 2 | 2 | 2 | 4 | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 4 | 1 | 4 | 2 | 2 | 4 | 3 | 3 | 2 | 3 | 3 | 2.59459 | |
| 10 | 10 | 4 | 4 | 3 | 4 | 2 | 4 | 3 | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 4 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 4 | 1 | 4 | 3 | 2 | 4 | 3 | 4 | 3.27027 | |
| 11 | 11 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 4 | 2 | 4 | 2 | 2 | 2 | 4 | 2 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 2 | 4 | 4 | 2 | 2 | 3 | 2 | 4 | 2 | 3 | 2 | 2 | 3.05405 | |
| 12 | 12 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 5 | 4 | 5 | 3 | 4 | 3 | 3 | 5 | 3 | 4 | 4 | 4 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 1 | 3.72973 | |
| 13 | 13 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 2 | 1 | 4 | 4 | 3 | 1 | 5 | 5 | 2 | 4 | 5 | 5 | 4 | 5 | 4 | 2 | 5 | 4 | 2 | 2 | 2 | 3 | 1 | 4 | 3.62162 | |
| 14 | 14 | 5 | 2 | 3 | 1 | 3 | 2 | 1 | 2 | 3 | 5 | 2 | 2 | 3 | 3 | 1 | 2 | 5 | 5 | 2 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 4 | 3.40541 | |
| 15 | 15 | 4 | 5 | 3 | 3 | 4 | 2 | 3 | 2 | 1 | 3 | 4 | 4 | 1 | 3 | 2 | 4 | 5 | 3 | 3 | 3 | 2 | 4 | 5 | 2 | 5 | 3 | 2 | 1 | 5 | 4 | 4 | 2 | 5 | 1 | 1 | 3 | 1 | 3.02703 | |
| 16 | 16 | 4 | 2 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | 5 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 4 | 2 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 3.43243 | |
| 17 | 17 | 5 | 2 | 4 | 4 | 4 | 5 | 1 | 3 | 1 | 4 | 5 | 3 | 5 | 2 | 3 | 4 | 5 | 3 | 3 | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 1 | 1 | 4 | 1 | 1 | 4 | 5 | 5 | 3 | |
| 18 | 18 | 5 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 5 | 4 | 5 | 4 | 5 | 2 | 4 | 2 | 3 | 4 | 3 | 2 | 1 | 1 | 4 | 4 | 2 | 1 | 1 | 2 | 1 | 2 | 4 | 2 | 1 | 4 | 5 | 5 | 2.89189 | |
| 19 | 19 | 3 | 5 | 5 | 4 | 4 | 5 | 3 | 5 | 3 | 3 | 4 | 5 | 5 | 5 | 1 | 3 | 5 | 4 | 1 | 4 | 1 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 5 | 5 | 4 | 3 | 2 | 3 | 3 | 4 | 3.59459 | |
| 20 | 20 | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 3 | 5 | 3 | 1 | 2 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2 | 5 | 2 | 1 | 5 | 4 | 3.13514 | |
| 21 | 21 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 1 | 5 | 5 | 1 | 3 | 4 | 1 | 1 | 5 | 2 | 4 | 1 | 4 | 2 | 2 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 4 | 2 | 1 | 5 | 4 | 5 | 4 | 5 | 3.32432 | |
| 22 | 22 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 5 | 5 | 3 | 2 | 3 | 2 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 2 | 5 | 3 | 2 | 5 | 5 | 5 | 3.59459 | |
| 23 | 23 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 1 | 5 | 5 | 4 | 2 | 2 | 3.91892 | |
| 24 | 24 | 4 | 5 | 4 | 2 | 3 | 5 | 4 | 4 | 1 | 5 | 4 | 3 | 1 | 1 | 2 | 3 | 4 | 3 | 1 | 3 | 5 | 2 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 5 | 5 | 3 | 3 | 2 | 2 | 3 | 3.35135 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| 25 | 25 | 5 | 4 | 5 | 3 | 5 | 1 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 4 | 2 | 3 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 4 | 5 | 3 | 2 | 4 | 4 | 5 | 3.62162 |
| 26 | 26 | 4 | 3 | 4 | 5 | 4 | 5 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 4 | 2 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 2 | 2 | 4 | 4 | 1 | 2 | 2 | 2 | 1 | 1 | 3.2973 |
| 27 | 27 | 4 | 5 | 3 | 5 | 3 | 5 | 4 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 2 | 3 | 5 | 5 | 2 | 2 | 3 | 3 | 3 | 4 | 5 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 1 | 1 | 2 | 3.21622 |
| 28 | 28 | 5 | 4 | 3 | 3 | 2 | 1 | 2 | 5 | 2 | 5 | 4 | 5 | 4 | 5 | 3 | 3 | 5 | 3 | 1 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 4 | 4 | 1 | 1 | 1 | 5 | 5 | 5 | 3.10811 |
| 29 | 29 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 2 | 4 | 3 | 4 | 5 | 4 | 1 | 2 | 2 | 4 | 2 | 1 | 4 | 5 | 3 | 3.54054 |
| 30 | 30 | 5 | 3 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 4 | 3 | 5 | 3.67568 |
| 31 | 31 | 3 | 4 | 3 | 3 | 1 | 2 | 3 | 4 | 2 | 4 | 3 | 5 | 4 | 1 | 3 | 4 | 3 | 1 | 1 | 4 | 4 | 5 | 5 | 3 | 4 | 3 | 5 | 1 | 5 | 4 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 3.51351 |
| 32 | 32 | 3 | 3 | 1 | 2 | 4 | 5 | 5 | 3 | 3 | 5 | 2 | 2 | 2 | 4 | 4 | 3 | 2 | 4 | 1 | 4 | 2 | 1 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 4 | 3 | 4 | 3 | 2 | 2 | 4 | 2.94595 |
| 33 | 33 | 2 | 2 | 2 | 2 | 4 | 4 | 2 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 1 | 4 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 2 | 1 | 4 | 2 | 4 | 2 | 4 | 1 | 1 | 2 | 2.51351 |
| 34 | 34 | 4 | 5 | 1 | 1 | 2 | 1 | 5 | 4 | 2 | 2 | 5 | 2 | 3 | 3 | 5 | 5 | 2 | 2 | 1 | 5 | 5 | 3 | 4 | 1 | 2 | 5 | 3 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 3.24324 |
| 35 | 35 | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 5 | 5 | 5 | 4 | 5 | 4 | 1 | 4 | 1 | 5 | 4 | 5 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 4 | 4 | 3.56757 |
| 36 | 36 | 3 | 4 | 3 | 1 | 4 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 4 | 2 | 2 | 1 | 4 | 3 | 2 | 4 | 4 | 3 | 1 | 2 | 2 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 2 | 4 | 2 | 2.78378 |
| 37 | 37 | 5 | 3 | 3 | 4 | 1 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 5 | 3 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 1 | 1 | 1 | 2 | 5 | 1 | 3 | 3 | 3.59459 |
| 38 | 38 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 4 | 2 | 2 | 4 | 3 | 4 | 5 | 1 | 4 | 4 | 3 | 3 | 1 | 2 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 3 | 2 | 2 | 4 | 1 | 3 | 2 | 2 | 3.13514 |
| 39 | 39 | 3 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 2 | 1 | 5 | 5 | 3 | 2 | 5 | 4 | 3 | 2 | 5 | 5 | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 1 | 1 | 3.16216 |
| 40 | 40 | 3 | 3 | 2 | 2 | 1 | 5 | 4 | 4 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 2 | 1 | 1 | 5 | 5 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 3 | 2.48649 |
| 41 | 41 | 5 | 5 | 4 | 3 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 5 | 4 | 2 | 2 | 3 | 2 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 2 | 3.40541 |
| 42 | 42 | 4 | 5 | 4 | 3 | 2 | 4 | 2 | 2 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 1 | 3 | 2 | 5 | 2 | 2 | 2 | 3 | 1 | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 3.40541 |
| 43 | 43 | 5 | 5 | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 1 | 5 | 4 | 4 | 4 | 4 | 3 | 4 | 2 | 3 | 1 | 4 | 5 | 2 | 1 | 1 | 2 | 2 | 4 | 3.45946 |
| 44 | 44 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 3 | 5 | 2 | 2 | 5 | 3 | 2 | 2 | 2 | 4 | 2 | 4 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 2 | 2 | 4 | 4 | 3.45946 |
| 45 | 45 | 5 | 4 | 2 | 2 | 2 | 5 | 5 | 1 | 1 | 4 | 5 | 4 | 1 | 4 | 5 | 5 | 4 | 4 | 1 | 5 | 5 | 4 | 3 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 5 | 1 | 1 | 2 | 2 | 2 | 3 | 3.10811 |
| 46 | 46 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 2 | 1 | 3 | 4 | 5 | 5 | 5 | 3 | 3 | 4 | 1 | 4 | 3 | 2 | 3 | 2 | 1 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 3.18919 |
| 47 | 47 | 4 | 4 | 2 | 5 | 1 | 4 | 5 | 5 | 2 | 4 | 4 | 3 | 1 | 3 | 3 | 3 | 2 | 4 | 5 | 3 | 2 | 2 | 4 | 4 | 1 | 1 | 1 | 5 | 5 | 5 | 5 | 3 | 5 | 1 | 5 | 4 | 4 | 3.35135 |

30% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|----------|
| 1 | 1 | 20 | 19 | 21 | 20 | 1 | 16 | 18 | 15 | 16.33333 |
| 2 | 2 | 17 | 15 | 16 | 16 | 2 | 15 | 14 | 17 | 15.33333 |
| 3 | 3 | 19 | 21 | 15 | 18.3333 | 3 | 16 | 14 | 17 | 15.66667 |
| 4 | 4 | 15 | 17 | 18 | 16.6667 | 4 | 15 | 18 | 14 | 15.66667 |
| 5 | 5 | 12 | 12 | 17 | 13.6667 | 5 | 15 | 13 | 14 | 14 |
| 6 | 6 | 16 | 18 | 15 | 16.3333 | 6 | 19 | 17 | 18 | 18 |
| 7 | 7 | 19 | 12 | 16 | 15.6667 | 7 | 12 | 15 | 15 | 14 |
| 8 | 8 | 14 | 13 | 18 | 15 | 8 | 16 | 20 | 18 | 18 |
| 9 | 9 | 17 | 18 | 15 | 16.6667 | 9 | 19 | 19 | 16 | 18 |
| 10 | 10 | 16 | 21 | 17 | 18 | 10 | 15 | 17 | 16 | 16 |
| 11 | 11 | 13 | 15 | 13 | 13.6667 | 11 | 18 | 14 | 14 | 15.33333 |
| 12 | 12 | 17 | 12 | 14 | 14.3333 | 12 | 18 | 20 | 17 | 18.33333 |
| 13 | 13 | 21 | 18 | 22 | 20.3333 | 13 | 13 | 15 | 17 | 15 |
| 14 | 14 | 17 | 13 | 19 | 16.3333 | 14 | 12 | 13 | 13 | 12.66667 |
| 15 | 15 | 18 | 15 | 14 | 15.6667 | 15 | 16 | 18 | 17 | 17 |
| 16 | 16 | 15 | 13 | 14 | 14 | 16 | 15 | 15 | 18 | 16 |
| 17 | 17 | 18 | 17 | 14 | 16.3333 | 17 | 18 | 16 | 15 | 16.33333 |
| 18 | 18 | 20 | 17 | 15 | 17.3333 | 18 | 11 | 15 | 14 | 13.33333 |
| 19 | 19 | 14 | 15 | 14 | 14.3333 | 19 | 17 | 15 | 14 | 15.33333 |
| 20 | 20 | 16 | 12 | 13 | 13.6667 | 20 | 16 | 15 | 14 | 15 |
| 21 | 21 | 17 | 19 | 13 | 16.3333 | 21 | 16 | 16 | 14 | 15.33333 |
| 22 | 22 | 14 | 18 | 15 | 15.6667 | 22 | 14 | 14 | 16 | 14.66667 |
| 23 | 23 | 18 | 20 | 15 | 17.6667 | 23 | 14 | 15 | 15 | 14.66667 |
| 24 | 24 | 13 | 12 | 14 | 13 | 24 | 18 | 20 | 17 | 18.33333 |
| 25 | 25 | 17 | 13 | 14 | 14.6667 | 25 | 14 | 17 | 16 | 15.66667 |
| 26 | 26 | 19 | 17 | 15 | 17 | 26 | 18 | 18 | 15 | 17 |
| 27 | 27 | 15 | 12 | 16 | 14.3333 | 27 | 15 | 15 | 15 | 15 |
| 28 | 28 | 13 | 19 | 14 | 15.3333 | 28 | 16 | 15 | 14 | 15 |
| 29 | 29 | 19 | 14 | 17 | 16.6667 | 29 | 16 | 15 | 18 | 16.33333 |
| 30 | 30 | 14 | 12 | 15 | 13.6667 | 30 | 16 | 17 | 18 | 17 |
| 31 | 31 | 15 | 17 | 19 | 17 | 31 | 16 | 18 | 14 | 16 |
| 32 | 32 | 20 | 18 | 23 | 20.3333 | 32 | 15 | 16 | 14 | 15 |
| 33 | 33 | 18 | 12 | 15 | 15 | 33 | 17 | 16 | 16 | 16.33333 |
| 34 | 34 | 15 | 15 | 12 | 14 | 34 | 14 | 18 | 15 | 15.66667 |
| 35 | 35 | 17 | 19 | 13 | 16.3333 | 35 | 15 | 12 | 15 | 14 |
| 36 | 36 | 15 | 12 | 14 | 13.6667 | 36 | 15 | 17 | 15 | 15.66667 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|----------|
| 37 | 37 | 18 | 14 | 17 | 16.3333 | 37 | 16 | 17 | 17 | 16.66667 |
| 38 | 38 | 19 | 20 | 15 | 18 | 38 | 20 | 19 | 19 | 19.33333 |
| 39 | 39 | 14 | 19 | 17 | 16.6667 | 39 | 19 | 17 | 16 | 17.33333 |
| 40 | 40 | 17 | 13 | 14 | 14.6667 | 40 | 15 | 15 | 14 | 14.66667 |
| 41 | 41 | 18 | 23 | 15 | 18.6667 | 41 | 15 | 19 | 17 | 17 |
| 42 | 42 | 21 | 16 | 20 | 19 | 42 | 21 | 20 | 20 | 20.33333 |
| 43 | 43 | 17 | 20 | 19 | 18.6667 | 43 | 16 | 17 | 15 | 16 |
| 44 | 44 | 21 | 13 | 14 | 16 | 44 | 14 | 15 | 15 | 14.66667 |
| 45 | 45 | 15 | 12 | 18 | 15 | 45 | 15 | 16 | 15 | 15.33333 |
| 46 | 46 | 17 | 18 | 15 | 16.6667 | 46 | 14 | 16 | 16 | 15.33333 |
| 47 | 47 | 15 | 16 | 12 | 14.3333 | 47 | 19 | 18 | 17 | 18 |

' -

20% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 1 | 1 | 13 | 16 | 14 | 14.3333 | 1 | 12 | 12 | 13 | 12.3333 |
| 2 | 2 | 8 | 10 | 8 | 8.66667 | 2 | 8 | 10 | 9 | 9 |
| 3 | 3 | 10 | 8 | 10 | 9.33333 | 3 | 12 | 10 | 11 | 11 |
| 4 | 4 | 16 | 13 | 14 | 14.3333 | 4 | 8 | 12 | 9 | 9.66667 |
| 5 | 5 | 11 | 9 | 11 | 10.3333 | 5 | 11 | 11 | 14 | 12 |
| 6 | 6 | 9 | 12 | 9 | 10 | 6 | 15 | 13 | 14 | 14 |
| 7 | 7 | 12 | 14 | 16 | 14 | 7 | 11 | 11 | 11 | 11 |
| 8 | 8 | 8 | 8 | 9 | 8.33333 | 8 | 12 | 9 | 10 | 10.3333 |
| 9 | 9 | 13 | 12 | 11 | 12 | 9 | 9 | 8 | 9 | 8.66667 |
| 10 | 10 | 10 | 9 | 8 | 9 | 10 | 12 | 12 | 12 | 12 |
| 11 | 11 | 16 | 14 | 17 | 15.6667 | 11 | 11 | 9 | 8 | 9.33333 |
| 12 | 12 | 12 | 8 | 11 | 10.3333 | 12 | 10 | 12 | 11 | 11 |
| 13 | 13 | 15 | 10 | 13 | 12.6667 | 13 | 10 | 12 | 14 | 12 |
| 14 | 14 | 8 | 12 | 9 | 9.66667 | 14 | 10 | 11 | 11 | 10.6667 |
| 15 | 15 | 11 | 8 | 12 | 10.3333 | 15 | 15 | 12 | 12 | 13 |
| 16 | 16 | 14 | 16 | 8 | 12.6667 | 16 | 11 | 8 | 9 | 9.33333 |
| 17 | 17 | 9 | 9 | 10 | 9.33333 | 17 | 12 | 12 | 10 | 11.3333 |
| 18 | 18 | 11 | 10 | 13 | 11.3333 | 18 | 14 | 12 | 13 | 13 |
| 19 | 19 | 13 | 15 | 16 | 14.6667 | 19 | 12 | 12 | 8 | 10.6667 |
| 20 | 20 | 10 | 8 | 8 | 8.66667 | 20 | 12 | 11 | 13 | 12 |
| 21 | 21 | 16 | 14 | 15 | 15 | 21 | 10 | 9 | 10 | 9.66667 |
| 22 | 22 | 12 | 9 | 12 | 11 | 22 | 10 | 9 | 8 | 9 |
| 23 | 23 | 11 | 13 | 10 | 11.3333 | 23 | 12 | 10 | 11 | 11 |
| 24 | 24 | 8 | 8 | 9 | 8.33333 | 24 | 11 | 10 | 9 | 10 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|-----------|
| 25 | 25 | 10 | 11 | 8 | 9.66667 | 25 | 13 | 12 | 13 | 12.6667 |
| 26 | 26 | 13 | 15 | 11 | 13 | 26 | 14 | 13 | 16 | 14.3333 |
| 27 | 27 | 15 | 14 | 12 | 13.6667 | 27 | 11 | 9 | 10 | 10 |
| 28 | 28 | 8 | 9 | 8 | 8.33333 | 28 | 11 | 11 | 11 | 11 |
| 29 | 29 | 13 | 16 | 13 | 14 | 29 | 11 | 10 | 11 | 10.6667 |
| 30 | 30 | 8 | 12 | 9 | 9.66667 | 30 | 10 | 10 | 9 | 9.66667 |
| 31 | 31 | 10 | 13 | 12 | 11.6667 | 31 | 10 | 8 | 9 | 9 |
| 32 | 32 | 8 | 11 | 9 | 9.33333 | 32 | 9 | 11 | 11 | 10.3333 |
| 33 | 33 | 12 | 8 | 13 | 11 | 33 | 11 | 15 | 12 | 12.6667 |
| 34 | 34 | 8 | 10 | 8 | 8.66667 | 34 | 13 | 12 | 15 | 13.3333 |
| 35 | 35 | 11 | 13 | 13 | 12.3333 | 35 | 13 | 12 | 11 | 12 |
| 36 | 36 | 9 | 12 | 10 | 10.3333 | 36 | 11 | 11 | 10 | 10.6667 |
| 37 | 37 | 13 | 8 | 14 | 11.6667 | 37 | 10 | 9 | 8 | 9 |
| 38 | 38 | 11 | 9 | 10 | 10 | 38 | 16 | 14 | 14 | 14.6667 |
| 39 | 39 | 16 | 15 | 10 | 13.6667 | 39 | 13 | 12 | 12 | 12.3333 |
| 40 | 40 | 12 | 12 | 11 | 11.6667 | 40 | 12 | 12 | 12 | 12 |
| 41 | 41 | 8 | 8 | 12 | 9.33333 | 41 | 14 | 16 | 12 | 14 |
| 42 | 42 | 10 | 11 | 16 | 12.3333 | 42 | 8 | 9 | 8 | 8.33333 |
| 43 | 43 | 8 | 9 | 8 | 8.33333 | 43 | 10 | 11 | 11 | 10.6667 |
| 44 | 44 | 11 | 10 | 10 | 10.3333 | 44 | 10 | 11 | 9 | 10 |
| 45 | 45 | 14 | 14 | 9 | 12.3333 | 45 | 11 | 11 | 14 | 12 |
| 46 | 46 | 9 | 12 | 9 | 10 | 46 | 14 | 14 | 16 | 14.6667 |
| 47 | 47 | 13 | 8 | 8 | 9.66667 | 47 | 10 | 13 | 11 | 11.3333 |

20%

()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 1 | 1 | 14 | 16 | 13 | 14.3333 | 1 | 12 | 10 | 12 | 11.3333 |
| 2 | 2 | 11 | 12 | 10 | 11 | 2 | 13 | 14 | 12 | 13 |
| 3 | 3 | 9 | 8 | 8 | 8.33333 | 3 | 11 | 10 | 9 | 10 |
| 4 | 4 | 13 | 12 | 13 | 12.6667 | 4 | 13 | 16 | 14 | 14.3333 |
| 5 | 5 | 12 | 8 | 8 | 9.33333 | 5 | 10 | 12 | 9 | 10.3333 |
| 6 | 6 | 14 | 12 | 16 | 14 | 6 | 14 | 13 | 12 | 13 |
| 7 | 7 | 11 | 12 | 10 | 11 | 7 | 11 | 13 | 10 | 11.3333 |
| 8 | 8 | 13 | 12 | 15 | 13.3333 | 8 | 9 | 8 | 9 | 8.66667 |
| 9 | 9 | 14 | 15 | 16 | 15 | 9 | 12 | 14 | 11 | 12.3333 |
| 10 | 10 | 10 | 11 | 10 | 10.3333 | 10 | 10 | 12 | 9 | 10.3333 |
| 11 | 11 | 12 | 13 | 13 | 12.6667 | 11 | 14 | 14 | 11 | 13 |
| 12 | 12 | 10 | 9 | 9 | 9.33333 | 12 | 12 | 2 | 11 | 8.33333 |
| 13 | 13 | 15 | 14 | 14 | 14.3333 | 13 | 12 | 12 | 11 | 11.6667 |
| 14 | 14 | 10 | 9 | 11 | 10 | 14 | 12 | 13 | 11 | 12 |
| 15 | 15 | 8 | 8 | 8 | 8 | 15 | 13 | 15 | 14 | 14 |
| 16 | 16 | 10 | 14 | 12 | 12 | 16 | 9 | 11 | 11 | 10.3333 |
| 17 | 17 | 9 | 10 | 8 | 9 | 17 | 9 | 12 | 12 | 11 |
| 18 | 18 | 15 | 14 | 13 | 14 | 18 | 12 | 15 | 12 | 13 |
| 19 | 19 | 12 | 13 | 12 | 12.3333 | 19 | 9 | 9 | 10 | 9.33333 |
| 20 | 20 | 9 | 9 | 8 | 8.66667 | 20 | 12 | 11 | 12 | 11.6667 |
| 21 | 21 | 11 | 12 | 10 | 11 | 21 | 11 | 14 | 12 | 12.3333 |
| 22 | 22 | 9 | 8 | 10 | 9 | 22 | 11 | 9 | 10 | 10 |
| 23 | 23 | 12 | 13 | 15 | 13.3333 | 23 | 16 | 13 | 14 | 14.3333 |
| 24 | 24 | 8 | 10 | 10 | 9.33333 | 24 | 11 | 10 | 12 | 11 |
| 25 | 25 | 11 | 13 | 10 | 11.3333 | 25 | 12 | 12 | 12 | 12 |
| 26 | 26 | 14 | 15 | 16 | 15 | 26 | 12 | 12 | 15 | 13 |
| 27 | 27 | 8 | 8 | 9 | 8.33333 | 27 | 11 | 12 | 11 | 11.3333 |
| 28 | 28 | 13 | 11 | 14 | 12.6667 | 28 | 9 | 9 | 9 | 9 |
| 29 | 29 | 15 | 14 | 14 | 14.3333 | 29 | 10 | 12 | 11 | 11 |
| 30 | 30 | 10 | 11 | 10 | 10.3333 | 30 | 8 | 9 | 9 | 8.66667 |
| 31 | 31 | 9 | 8 | 8 | 8.33333 | 31 | 10 | 11 | 11 | 10.6667 |
| 32 | 32 | 14 | 17 | 15 | 15.3333 | 32 | 15 | 12 | 14 | 13.6667 |
| 33 | 33 | 8 | 8 | 8 | 8 | 33 | 8 | 8 | 10 | 8.66667 |
| 34 | 34 | 12 | 11 | 10 | 11 | 34 | 12 | 10 | 11 | 11 |
| 35 | 35 | 12 | 17 | 14 | 14.3333 | 35 | 10 | 11 | 9 | 10 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 36 | 36 | 13 | 14 | 9 | 12 | 36 | 13 | 14 | 16 | 14.3333 |
| 37 | 37 | 8 | 10 | 10 | 9.33333 | 37 | 8 | 11 | 10 | 9.66667 |
| 38 | 38 | 12 | 15 | 13 | 13.3333 | 38 | 12 | 13 | 12 | 12.3333 |
| 39 | 39 | 9 | 8 | 8 | 8.33333 | 39 | 10 | 13 | 13 | 12 |
| 40 | 40 | 12 | 11 | 11 | 11.3333 | 40 | 14 | 12 | 15 | 13.6667 |
| 41 | 41 | 13 | 15 | 12 | 13.3333 | 41 | 10 | 11 | 13 | 11.3333 |
| 42 | 42 | 14 | 16 | 15 | 15 | 42 | 8 | 8 | 9 | 8.33333 |
| 43 | 43 | 10 | 11 | 11 | 10.6667 | 43 | 9 | 12 | 10 | 10.3333 |
| 44 | 44 | 8 | 9 | 8 | 8.33333 | 44 | 9 | 11 | 7 | 9 |
| 45 | 45 | 15 | 13 | 14 | 14 | 45 | 15 | 13 | 13 | 13.6667 |
| 46 | 46 | 11 | 12 | 12 | 11.6667 | 46 | 11 | 11 | 8 | 10 |
| 47 | 47 | 12 | 14 | 12 | 12.6667 | 47 | 12 | 13 | 12 | 12.3333 |

' -

25% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 1 | 1 | 16 | 18 | 17 | 17 | 1 | 16 | 13 | 14 | 14.3333 |
| 2 | 2 | 12 | 15 | 13 | 13.3333 | 2 | 9 | 10 | 9 | 9.33333 |
| 3 | 3 | 15 | 14 | 16 | 15 | 3 | 10 | 11 | 9 | 10 |
| 4 | 4 | 10 | 13 | 10 | 11 | 4 | 12 | 14 | 10 | 12 |
| 5 | 5 | 15 | 13 | 14 | 14 | 5 | 11 | 10 | 11 | 10.6667 |
| 6 | 6 | 11 | 15 | 10 | 12 | 6 | 12 | 13 | 12 | 12.3333 |
| 7 | 7 | 10 | 11 | 10 | 10.3333 | 7 | 14 | 15 | 13 | 14 |
| 8 | 8 | 15 | 15 | 16 | 15.3333 | 8 | 14 | 13 | 12 | 13 |
| 9 | 9 | 12 | 15 | 12 | 13 | 9 | 10 | 11 | 11 | 10.6667 |
| 10 | 10 | 10 | 10 | 11 | 10.3333 | 10 | 13 | 11 | 12 | 12 |
| 11 | 11 | 11 | 14 | 11 | 12 | 11 | 11 | 10 | 10 | 10.3333 |
| 12 | 12 | 11 | 16 | 15 | 14 | 12 | 13 | 14 | 14 | 13.6667 |
| 13 | 13 | 18 | 19 | 20 | 19 | 13 | 11 | 13 | 10 | 11.3333 |
| 14 | 14 | 16 | 15 | 14 | 15 | 14 | 15 | 13 | 13 | 13.6667 |
| 15 | 15 | 13 | 16 | 10 | 13 | 15 | 12 | 11 | 10 | 11 |
| 16 | 16 | 12 | 11 | 10 | 11 | 16 | 15 | 16 | 13 | 14.6667 |
| 17 | 17 | 10 | 9 | 9 | 9.33333 | 17 | 11 | 14 | 13 | 12.6667 |
| 18 | 18 | 17 | 13 | 14 | 14.6667 | 18 | 14 | 15 | 13 | 14 |
| 19 | 19 | 12 | 10 | 13 | 11.6667 | 19 | 12 | 11 | 11 | 11.3333 |
| 20 | 20 | 17 | 13 | 15 | 15 | 20 | 17 | 15 | 13 | 15 |
| 21 | 21 | 13 | 15 | 13 | 13.6667 | 21 | 11 | 15 | 13 | 13 |
| 22 | 22 | 12 | 10 | 13 | 11.6667 | 22 | 12 | 10 | 10 | 10.6667 |
| 23 | 23 | 16 | 16 | 15 | 15.6667 | 23 | 15 | 15 | 13 | 14.3333 |

| | | | | | | | | | | |
|----|----|----|----|----|---------|----|----|----|----|---------|
| 24 | 24 | 13 | 14 | 12 | 13 | 24 | 16 | 17 | 15 | 16 |
| 25 | 25 | 11 | 9 | 10 | 10 | 25 | 14 | 17 | 13 | 14.6667 |
| 26 | 26 | 10 | 11 | 10 | 10.3333 | 26 | 13 | 15 | 13 | 13.6667 |
| 27 | 27 | 14 | 12 | 10 | 12 | 27 | 11 | 10 | 10 | 10.3333 |
| 28 | 28 | 16 | 12 | 14 | 14 | 28 | 12 | 11 | 12 | 11.6667 |
| 29 | 29 | 10 | 10 | 12 | 10.6667 | 29 | 17 | 17 | 15 | 16.3333 |
| 30 | 30 | 11 | 15 | 13 | 13 | 30 | 13 | 16 | 14 | 14.3333 |
| 31 | 31 | 17 | 15 | 15 | 15.6667 | 31 | 13 | 11 | 12 | 12 |
| 32 | 32 | 16 | 18 | 17 | 17 | 32 | 15 | 14 | 16 | 15 |
| 33 | 33 | 15 | 14 | 13 | 14 | 33 | 11 | 12 | 13 | 12 |
| 34 | 34 | 10 | 12 | 10 | 10.6667 | 34 | 17 | 15 | 18 | 16.6667 |
| 35 | 35 | 16 | 11 | 13 | 13.3333 | 35 | 19 | 17 | 19 | 18.3333 |
| 36 | 36 | 15 | 15 | 16 | 15.3333 | 36 | 15 | 14 | 13 | 14 |
| 37 | 37 | 9 | 13 | 8 | 10 | 37 | 17 | 18 | 14 | 16.3333 |
| 38 | 38 | 14 | 13 | 15 | 14 | 38 | 11 | 13 | 13 | 12.3333 |
| 39 | 39 | 13 | 16 | 12 | 13.6667 | 39 | 13 | 13 | 13 | 13 |
| 40 | 40 | 15 | 17 | 15 | 15.6667 | 40 | 14 | 19 | 18 | 17 |
| 41 | 41 | 11 | 11 | 12 | 11.3333 | 41 | 9 | 9 | 8 | 8.6667 |
| 42 | 42 | 15 | 13 | 13 | 13.6667 | 42 | 11 | 13 | 12 | 12 |
| 43 | 43 | 11 | 12 | 10 | 11 | 43 | 14 | 14 | 15 | 14.3333 |
| 44 | 44 | 15 | 15 | 16 | 15.3333 | 44 | 12 | 15 | 11 | 12.6667 |
| 45 | 45 | 12 | 13 | 14 | 13 | 45 | 14 | 11 | 14 | 13 |
| 46 | 46 | 9 | 11 | 8 | 9.33333 | 46 | 13 | 17 | 15 | 15 |
| 47 | 47 | 12 | 13 | 13 | 12.6667 | 47 | 12 | 11 | 12 | 11.6667 |

5% ()

| | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
|----|----|-----|-----|-----|--------|----|-----|-----|-----|--------|
| 1 | 1 | 2.5 | 3.5 | 3 | 3 | 1 | 2.5 | 2 | 3.5 | 2.6667 |
| 2 | 2 | 3 | 2 | 2.5 | 2.5 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 2 | 2.5 | 2 | 2.1667 | 3 | 2.5 | 2 | 2.5 | 2.3333 |
| 4 | 4 | 2 | 2 | 3 | 2.3333 | 4 | 3 | 2 | 2 | 2.3333 |
| 5 | 5 | 2.5 | 3 | 2.5 | 2.6667 | 5 | 2 | 3 | 2 | 2.3333 |
| 6 | 6 | 2 | 2 | 3 | 2.3333 | 6 | 2 | 2 | 3 | 2.3333 |
| 7 | 7 | 2.5 | 2.5 | 3 | 2.6667 | 7 | 2.5 | 2 | 2.5 | 2.3333 |
| 8 | 8 | 2 | 2 | 2 | 2 | 8 | 3 | 2 | 2 | 2.3333 |
| 9 | 9 | 3 | 2 | 2.5 | 2.5 | 9 | 2.5 | 3.5 | 2 | 2.6667 |
| 10 | 10 | 2 | 3 | 3 | 2.6667 | 10 | 3 | 3 | 2 | 2.6667 |
| 11 | 11 | 2.5 | 3 | 3 | 2.8333 | 11 | 2 | 2 | 2 | 2 |
| 12 | 12 | 2 | 2.5 | 3 | 2.5 | 12 | 3.5 | 3 | 3 | 3.1667 |
| 13 | 13 | 3 | 2 | 3.5 | 2.8333 | 13 | 2 | 2 | 2.5 | 2.1667 |
| 14 | 14 | 2.5 | 3 | 3 | 2.8333 | 14 | 2 | 2 | 2 | 2 |
| 15 | 15 | 2 | 2 | 2.5 | 2.1667 | 15 | 2.5 | 2 | 2 | 2.1667 |
| 16 | 16 | 2.5 | 3 | 3 | 2.8333 | 16 | 2 | 2.5 | 2 | 2.1667 |
| 17 | 17 | 2 | 2.5 | 3 | 2.5 | 17 | 2.5 | 2 | 3 | 2.5 |
| 18 | 18 | 2.5 | 2 | 2 | 2.1667 | 18 | 2 | 3 | 2.5 | 2.5 |
| 19 | 19 | 2 | 3 | 2.5 | 2.5 | 19 | 2 | 2 | 3 | 2.3333 |
| 20 | 20 | 2 | 2.5 | 3 | 2.5 | 20 | 2.5 | 2 | 2.5 | 2.3333 |
| 21 | 21 | 2.5 | 3 | 2 | 2.5 | 21 | 2 | 2.5 | 2 | 2.1667 |
| 22 | 22 | 3 | 2 | 2 | 2.3333 | 22 | 2 | 2 | 2 | 2 |
| 23 | 23 | 2 | 3 | 2.5 | 2.5 | 23 | 2.5 | 3 | 2 | 2.5 |
| 24 | 24 | 3 | 2.5 | 2 | 2.5 | 24 | 3 | 3.5 | 2.5 | 3 |
| 25 | 25 | 2.5 | 3 | 2 | 2.5 | 25 | 2.5 | 2 | 2.5 | 2.3333 |
| 26 | 26 | 4 | 3 | 4 | 3.6667 | 26 | 2 | 2 | 2 | 2 |
| 27 | 27 | 2 | 2.5 | 3 | 2.5 | 27 | 2.5 | 2 | 2 | 2.1667 |
| 28 | 28 | 3.5 | 3 | 2.5 | 3 | 28 | 2.5 | 2 | 2 | 2.1667 |
| 29 | 29 | 3 | 3 | 2 | 2.6667 | 29 | 2 | 2.5 | 2 | 2.1667 |
| 30 | 30 | 2 | 2 | 2 | 2 | 30 | 2.5 | 2 | 2.5 | 2.3333 |
| 31 | 31 | 2.5 | 3 | 2.5 | 2.6667 | 31 | 2.5 | 3 | 2 | 2.5 |
| 32 | 32 | 3 | 2.5 | 3 | 2.8333 | 32 | 2 | 2 | 2.5 | 2.1667 |
| 33 | 33 | 2 | 2 | 3 | 2.3333 | 33 | 2.5 | 2 | 2 | 2.1667 |
| 34 | 34 | 2 | 3 | 2 | 2.3333 | 34 | 2 | 3 | 3.5 | 2.8333 |
| 35 | 35 | 2.5 | 3 | 2.5 | 2.6667 | 35 | 2 | 2 | 2 | 2 |
| 36 | 36 | 2 | 2 | 2 | 2 | 36 | 3 | 2.5 | 2 | 2.5 |

| | | | | | | | | | | |
|----|----|-----|-----|-----|--------|----|-----|-----|-----|--------|
| 37 | 37 | 3 | 2.5 | 3 | 2.8333 | 37 | 2 | 2 | 3 | 2.3333 |
| 38 | 38 | 3 | 3 | 2 | 2.6667 | 38 | 2.5 | 2 | 2 | 2.1667 |
| 39 | 39 | 2 | 2 | 2 | 2 | 39 | 2 | 2 | 2 | 2 |
| 40 | 40 | 2.5 | 3 | 2.5 | 2.6667 | 40 | 2 | 2 | 2.5 | 2.167 |
| 41 | 41 | 3 | 2.5 | 4 | 3.1667 | 41 | 2.5 | 3 | 3 | 2.833 |
| 42 | 42 | 2 | 2 | 3 | 2.3333 | 42 | 2 | 2.5 | 2.5 | 2.333 |
| 43 | 43 | 3 | 3 | 2.5 | 2.8333 | 43 | 2 | 2 | 2 | 2 |
| 44 | 44 | 2 | 2.5 | 2 | 2.1667 | 44 | 2.5 | 2 | 3.5 | 2.6667 |
| 45 | 45 | 2.5 | 2 | 3 | 2.5 | 45 | 2 | 2.5 | 2 | 2.1667 |
| 46 | 46 | 2 | 2 | 2 | 2 | 46 | 2 | 2 | 2 | 2 |
| 47 | 47 | 2 | 2 | 2.5 | 2.1667 | 47 | 3 | 3 | 3.5 | 3.1667 |

100% ()

| . | . | 1 | 2 | 3 | | . | 1 | 2 | 3 | |
|----|----|------|------|------|---------|----|------|------|------|---------|
| 1 | 1 | 65.5 | 72.5 | 68 | 68.6667 | 1 | 58.5 | 55 | 57.5 | 57 |
| 2 | 2 | 51 | 54 | 49.5 | 51.5 | 2 | 47 | 50 | 49 | 48.6667 |
| 3 | 3 | 55 | 53.5 | 51 | 53.1667 | 3 | 51.5 | 47 | 48.5 | 49 |
| 4 | 4 | 56 | 57 | 58 | 57 | 4 | 51 | 62 | 49 | 54 |
| 5 | 5 | 52.5 | 45 | 52.5 | 50 | 5 | 49 | 49 | 50 | 49.3333 |
| 6 | 6 | 52 | 59 | 53 | 54.6667 | 6 | 62 | 58 | 59 | 59.6667 |
| 7 | 7 | 54.5 | 51.5 | 55 | 53.6667 | 7 | 50.5 | 56 | 51.5 | 52.6667 |
| 8 | 8 | 52 | 50 | 60 | 54 | 8 | 54 | 52 | 51 | 52.3333 |
| 9 | 9 | 59 | 62 | 56.5 | 59.1667 | 9 | 52.5 | 55.5 | 49 | 52.3333 |
| 10 | 10 | 48 | 54 | 49 | 50.3333 | 10 | 53 | 55 | 51 | 53 |
| 11 | 11 | 54.5 | 59 | 57 | 56.8333 | 11 | 56 | 49 | 45 | 50 |
| 12 | 12 | 52 | 47.5 | 52 | 50.5 | 12 | 56.5 | 51 | 56 | 54.5 |
| 13 | 13 | 72 | 63 | 72.5 | 69.1667 | 13 | 48 | 54 | 54.5 | 52.1667 |
| 14 | 14 | 53.5 | 52 | 56 | 53.8333 | 14 | 51 | 52 | 50 | 51 |
| 15 | 15 | 52 | 49 | 46.5 | 49.1667 | 15 | 58.5 | 58 | 55 | 57.1667 |
| 16 | 16 | 53.5 | 57 | 47 | 52.5 | 16 | 52 | 52.5 | 53 | 52.5 |
| 17 | 17 | 48 | 47.5 | 44 | 46.5 | 17 | 52.5 | 56 | 53 | 53.8333 |
| 18 | 18 | 65.5 | 56 | 57 | 59.5 | 18 | 53 | 60 | 54.5 | 55.8333 |
| 19 | 19 | 53 | 56 | 57.5 | 55.5 | 19 | 52 | 49 | 46 | 49 |
| 20 | 20 | 54 | 44.5 | 47 | 48.5 | 20 | 59.5 | 54 | 54.5 | 56 |
| 21 | 21 | 59.5 | 63 | 53 | 58.5 | 21 | 50 | 56.5 | 51 | 52.5 |
| 22 | 22 | 50 | 47 | 52 | 49.6667 | 22 | 49 | 44 | 46 | 46.3333 |
| 23 | 23 | 59 | 65 | 57.5 | 60.5 | 23 | 59.5 | 56 | 55 | 56.8333 |
| 24 | 24 | 45 | 46.5 | 47 | 46.1667 | 24 | 59 | 60.5 | 55.5 | 58.3333 |

| | | | | | | | | | | |
|----|----|------|------|------|---------|----|------|------|------|---------|
| 25 | 25 | 51.5 | 49 | 44 | 48.1667 | 25 | 55.5 | 60 | 56.5 | 57.3333 |
| 26 | 26 | 60 | 61 | 56 | 59 | 26 | 59 | 60 | 61 | 60 |
| 27 | 27 | 54 | 48.5 | 50 | 50.8333 | 27 | 50.5 | 48 | 48 | 48.8333 |
| 28 | 28 | 53.5 | 54 | 52.5 | 53.3333 | 28 | 50.5 | 48 | 48 | 48.8333 |
| 29 | 29 | 60 | 57 | 58 | 58.3333 | 29 | 56 | 56.5 | 57 | 56.5 |
| 30 | 30 | 45 | 52 | 49 | 48.6667 | 30 | 49.5 | 54 | 52.5 | 52 |
| 31 | 31 | 53.5 | 56 | 56.5 | 55.3333 | 31 | 51.5 | 51 | 48 | 50.1667 |
| 32 | 32 | 61 | 66.5 | 67 | 64.8333 | 32 | 56 | 55 | 57.5 | 56.1667 |
| 33 | 33 | 55 | 44 | 52 | 50.3333 | 33 | 49.5 | 53 | 53 | 51.8333 |
| 34 | 34 | 47 | 51 | 42 | 46.6667 | 34 | 58 | 58 | 62.5 | 59.5 |
| 35 | 35 | 58.5 | 63 | 55.5 | 59 | 35 | 59 | 54 | 56 | 56.3333 |
| 36 | 36 | 54 | 55 | 51 | 53.3333 | 36 | 57 | 58.5 | 56 | 57.1667 |
| 37 | 37 | 51 | 47.5 | 52 | 50.1667 | 37 | 53 | 57 | 52 | 54 |
| 38 | 38 | 59 | 60 | 55 | 58 | 38 | 61.5 | 61 | 60 | 60.8333 |
| 39 | 39 | 54 | 60 | 49 | 54.3333 | 39 | 57 | 57 | 56 | 56.6667 |
| 40 | 40 | 58.5 | 56 | 53.5 | 56 | 40 | 57 | 60 | 61.5 | 59.5 |
| 41 | 41 | 53 | 59.5 | 55 | 55.8333 | 41 | 50.5 | 58 | 53 | 53.8333 |
| 42 | 42 | 62 | 58 | 67 | 62.3333 | 42 | 50 | 52.5 | 51.5 | 51.3333 |
| 43 | 43 | 49 | 55 | 50.5 | 51.5 | 43 | 51 | 56 | 53 | 53.3333 |
| 44 | 44 | 57 | 49.5 | 50 | 52.1667 | 44 | 47.5 | 54 | 45.5 | 49 |
| 45 | 45 | 58.5 | 54 | 58 | 56.8333 | 45 | 57 | 53.5 | 58 | 56.1667 |
| 46 | 46 | 48 | 55 | 46 | 49.6667 | 46 | 54 | 60 | 57 | 57 |
| 47 | 47 | 54 | 53 | 47.5 | 51.5 | 47 | 56 | 58 | 55.5 | 56.5 |

()

| | | () | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| 1 | 1 | 5 | 4 | 5 | 4 | 4 | 4 | 3 | 2 | 2 | 3 | 4 | 5 | 2 | 1 | 2 | 3 | 3 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 3 | 2 | 4 | 2 | 3 | 2 | 2 | 4 | 5 | 5 | 5 | 1 | 3.1351 | |
| 2 | 2 | 3 | 3 | 3 | 4 | 5 | 2 | 4 | 2 | 2 | 4 | 3 | 3 | 4 | 1 | 5 | 2 | 4 | 3 | 5 | 2 | 5 | 4 | 3 | 1 | 2 | 1 | 5 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 5 | 1 | 2.9459 | |
| 3 | 3 | 3 | 4 | 3 | 2 | 4 | 5 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 4 | 1 | 3 | 1 | 2 | 4 | 2 | 3 | 1 | 3 | 2 | 2.3514 | |
| 4 | 4 | 4 | 3 | 4 | 5 | 4 | 3 | 1 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 1 | 5 | 4 | 4 | |
| 5 | 5 | 5 | 4 | 3 | 1 | 3 | 1 | 4 | 1 | 3 | 5 | 3 | 3 | 4 | 5 | 5 | 4 | 1 | 3 | 5 | 3 | 5 | 3 | 5 | 4 | 3 | 5 | 4 | 1 | 3 | 5 | 4 | 5 | 4 | 5 | 1 | 5 | 4 | 3.5676 | |
| 6 | 6 | 5 | 2 | 4 | 5 | 5 | 4 | 1 | 3 | 5 | 3 | 4 | 5 | 1 | 1 | 4 | 5 | 1 | 5 | 4 | 1 | 5 | 4 | 1 | 5 | 4 | 1 | 5 | 4 | 1 | 5 | 1 | 4 | 5 | 1 | 2 | 5 | 1 | 3.2973 | |
| 7 | 7 | 4 | 3 | 2 | 4 | 5 | 5 | 5 | 5 | 4 | 2 | 4 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 5 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 5 | 5 | 2 | 2 | 3 | 3.7838 | |
| 8 | 8 | 2 | 3 | 2 | 4 | 2 | 3 | 4 | 3 | 1 | 3 | 2 | 2 | 2 | 4 | 3 | 4 | 4 | 2 | 3 | 2 | 3 | 2 | 4 | 2 | 4 | 2 | 4 | 3 | 2 | 2 | 4 | 3 | 3 | 2 | 2 | 1 | 3 | 2.7297 | |
| 9 | 9 | 5 | 3 | 1 | 5 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 5 | 1 | 1 | 1 | 4 | 1 | 1 | 4 | 4 | 3 | 1 | 3 | 1 | 1 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 3.027 | |
| 10 | 10 | 4 | 4 | 2 | 3 | 1 | 4 | 4 | 2 | 2 | 4 | 3 | 5 | 5 | 1 | 1 | 1 | 4 | 1 | 1 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | 3 | 2 | 3 | 4 | 3 | 3.2162 | |
| 11 | 11 | 4 | 4 | 4 | 5 | 3 | 4 | 5 | 3 | 3 | 4 | 5 | 4 | 3 | 3 | 2 | 5 | 3 | 3 | 3 | 5 | 5 | 4 | 3 | 5 | 3 | 3 | 2 | 3 | 4 | 5 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3.6216 | |
| 12 | 12 | 4 | 4 | 2 | 1 | 3 | 1 | 4 | 1 | 4 | 2 | 3 | 1 | 3 | 4 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 2.4324 | |
| 13 | 13 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 1 | 3 | 1 | 1 | 1 | 4.027 | |
| 14 | 14 | 3 | 2 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 3 | 4 | 1 | 2 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 2.6216 | |
| 15 | 15 | 5 | 5 | 1 | 1 | 1 | 5 | 5 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 3 | 1 | 1 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 3.4054 |
| 16 | 16 | 4 | 2 | 3 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 3 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 3 | 5 | 4 | 4 | 4 | 3 | 5 | 1 | 5 | 4 | 3 | 2 | 3 | 5 | 5 | 4 | 4 | 3 | 2 | 3.7568 | |
| 17 | 17 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 4 | 1 | 4 | 3 | 1 | 1 | 5 | 4 | 5 | 1 | 5 | 5 | 4 | 3 | 3 | 2 | 1 | 1 | 5 | 3 | 4 | 3 | 1 | 3 | 5 | 5 | 2 | 5 | 1 | 5 | 3.3514 | |
| 18 | 18 | 4 | 4 | 1 | 4 | 1 | 4 | 5 | 4 | 3 | 4 | 3 | 1 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 3.2432 | |
| 19 | 19 | 4 | 4 | 3 | 2 | 3 | 3 | 4 | 3 | 1 | 3 | 3 | 4 | 3 | 5 | 4 | 5 | 2 | 3 | 3 | 1 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 2 | 4 | 4 | 5 | 4 | 3 | 3.4324 | |
| 20 | 20 | 4 | 5 | 1 | 4 | 1 | 1 | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 1 | 3 | 2 | 1 | 4 | 4 | 2 | 2 | 4 | 3 | 2 | 4 | 4 | 2 | 4 | 5 | 3 | 4 | 5 | 2 | 3 | 1 | 4 | 2 | 2.973 | |
| 21 | 21 | 4 | 4 | 3 | 5 | 3 | 4 | 2 | 4 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 2 | 1 | 5 | 2 | 2 | 4 | 3 | 4 | 1 | 3 | 5 | 5 | 4 | 3 | 5 | 3.4324 | |
| 22 | 22 | 5 | 3 | 5 | 3 | 3 | 5 | 5 | 4 | 1 | 3 | 4 | 3 | 5 | 3 | 4 | 5 | 2 | 5 | 3 | 3 | 5 | 3 | 3 | 2 | 4 | 3 | 1 | 3 | 3 | 4 | 3 | 5 | 5 | 3 | 4 | 3 | 4 | 3.5676 | |
| 23 | 23 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 4 | 4 | 4 | 3 | 5 | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 2 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 3 | 2 | 3.7838 | |
| 24 | 24 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 2 | 3 | 5 | 3 | 4 | 3 | 2 | 3 | 3 | 4 | 2 | 2 | 2 | 4 | 3 | 5 | 4 | 5 | 3.3514 | |
| 25 | 25 | 4 | 4 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 1 | 2 | 3 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| 26 | 26 | 5 | 5 | 3 | 2 | 2 | 3 | 4 | 2 | 2 | 3 | 4 | 3 | 2 | 5 | 5 | 4 | 5 | 3 | 4 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 5 | 3 | 3 | 2 | 2 | 4 | 3 | 5 | 5 | 3.2703 |
| 27 | 27 | 4 | 5 | 3 | 4 | 4 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | 2 | 2 | 4 | 2 | 4 | 2 | 1 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 2 | 4 | 2 | 4 | 3 | 1 | 4 | 3.0541 |
| 28 | 28 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 4 | 4 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 3 | 4 | 4 | 2 | 2 | 3 | 3 | 2 | 3 | 2.9459 |
| 29 | 29 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | 4 | 2 | 3 | 3 | 4 | 2 | 3 | 3 | 2 | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 2 | 4 | 4 | 3 | 4 | 2 | 4 | 3 | 2 | 4 | 4 | 3.2432 |
| 30 | 30 | 4 | 5 | 2 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 3 | 3 | 5 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3.7838 |
| 31 | 31 | 4 | 5 | 3 | 4 | 3 | 3 | 5 | 3 | 4 | 3 | 4 | 3 | 5 | 4 | 3 | 5 | 4 | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 5 | 3.5405 |
| 32 | 32 | 4 | 5 | 4 | 2 | 1 | 4 | 4 | 3 | 1 | 4 | 4 | 2 | 3 | 4 | 3 | 4 | 1 | 3 | 3 | 4 | 2 | 1 | 3 | 2 | 5 | 2 | 1 | 4 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 3 | 5 | 3.2703 |
| 33 | 33 | 2 | 2 | 3 | 3 | 3 | 2 | 5 | 5 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 5 | 4 | 5 | 2 | 2 | 3 | 3 | 2 | 4 | 4 | 2 | 2 | 5 | 2 | 3 | 4 | 3 | 2 | 3 | 2 | 3 | 5 | 3.027 |
| 34 | 34 | 4 | 4 | 1 | 3 | 2 | 4 | 5 | 3 | 3 | 4 | 4 | 2 | 4 | 2 | 1 | 3 | 4 | 4 | 3 | 3 | 1 | 3 | 1 | 1 | 5 | 1 | 1 | 4 | 5 | 3 | 3 | 4 | 2 | 3 | 2 | 1 | 3 | 2.8649 |
| 35 | 35 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 4 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 2 | 4 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 5 | 2.8378 |
| 36 | 36 | 5 | 3 | 5 | 2 | 3 | 4 | 5 | 3 | 3 | 4 | 4 | 4 | 4 | 1 | 5 | 4 | 3 | 5 | 3 | 3 | 3 | 4 | 5 | 2 | 4 | 3 | 2 | 5 | 2 | 4 | 4 | 4 | 5 | 1 | 3 | 1 | 4 | 3.4865 |
| 37 | 37 | 4 | 5 | 4 | 5 | 2 | 4 | 2 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | 5 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 5 | 3.3784 |
| 38 | 38 | 4 | 5 | 5 | 5 | 1 | 3 | 5 | 4 | 1 | 5 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 3 | 5 | 3 | 5 | 3 | 5 | 5 | 4 | 4 | 2 | 3 | 5 | 3 | 3 | 3.9459 |
| 39 | 39 | 5 | 4 | 5 | 3 | 5 | 3 | 1 | 2 | 1 | 4 | 3 | 4 | 3 | 4 | 5 | 1 | 3 | 4 | 5 | 5 | 4 | 3 | 2 | 3 | 5 | 1 | 5 | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 5 | 3 | 5 | 3.4865 |
| 40 | 40 | 1 | 3 | 4 | 1 | 1 | 5 | 2 | 4 | 1 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 1 | 5 | 5 | 3.1892 |
| 41 | 41 | 2 | 3 | 1 | 4 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 4 | 3 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 3 | 2 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 2.8378 |
| 42 | 42 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 1 | 4 | 3 | 4 | 5 | 3 | 5 | 4 | 3 | 4 | 3 | 3 | 5 | 4 | 5 | 3 | 5 | 3.7838 |
| 43 | 43 | 4 | 3 | 1 | 1 | 2 | 3 | 4 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 4 | 1 | 3 | 1 | 5 | 4 | 1 | 3 | 5 | 2 | 5 | 3 | 2 | 4 | 5 | 4 | 2 | 3 | 5 | 4 | 4 | 1 | 5 | 2.8919 |
| 44 | 44 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 1 | 4 | 5 | 5 | 4 | 3 | 1 | 5 | 1 | 4 | 5 | 5 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 5 | 4 | 5 | 3 | 5 | 1 | 5 | 5 | 3 | 5 | 3.6486 |
| 45 | 45 | 4 | 5 | 4 | 4 | 2 | 4 | 5 | 4 | 3 | 5 | 3 | 4 | 4 | 5 | 4 | 4 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 1 | 3 | 4 | 3 | 4 | 5 | 4 | 5 | 4 | 4 | 1 | 4 | 3.5676 |
| 46 | 46 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 3 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 2 | 4 | 2 | 4 | 2 | 1 | 1 | 1 | 3 | 4 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 2 | 4 | 2 | 3 | 2 | 2.8649 |
| 47 | 47 | 3 | 3 | 2 | 4 | 4 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 3.2703 |

()

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| 1 | 1 | 2 | 2 | 2 | 3 | 1 | 3 | 1 | 1 | 5 | 1 | 2 | 3 | 1 | 1 | 1 | 3 | 1 | 1 | 5 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 5 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1.9459 |
| 2 | 2 | 2 | 2 | 2 | 3 | 1 | 3 | 1 | 1 | 5 | 1 | 2 | 3 | 1 | 1 | 1 | 3 | 1 | 1 | 5 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 5 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1.9459 |
| 3 | 3 | 5 | 5 | 2 | 4 | 5 | 5 | 3 | 4 | 3 | 4 | 3 | 5 | 1 | 4 | 1 | 5 | 3 | 2 | 3 | 4 | 5 | 4 | 5 | 1 | 3 | 1 | 1 | 5 | 5 | 1 | 5 | 4 | 2 | 3 | 1 | 4 | 5 | 3.4054 | |
| 4 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | 4 | 2 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 2 | 4 | 5 | 5 | 1 | 3 | 3 | 4 | 2 | 2 | 3 | 1 | 4 | 1 | 2 | 2.7297 | |
| 5 | 5 | 2 | 1 | 2 | 5 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 2 | 5 | 3 | 5 | 3 | 5 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 2 | 5 | 2 | 4 | 2 | 2 | 5 | 2 | 5 | 2 | 2 | 4 | 5 | 3.1892 | |
| 6 | 6 | 5 | 5 | 3 | 4 | 5 | 2 | 2 | 4 | 4 | 5 | 4 | 1 | 4 | 2 | 4 | 4 | 3 | 3 | 5 | 5 | 1 | 1 | 2 | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 3 | 3 | 3 | 3.4595 | |
| 7 | 7 | 3 | 4 | 1 | 1 | 2 | 4 | 1 | 2 | 4 | 3 | 3 | 2 | 1 | 3 | 4 | 1 | 5 | 1 | 4 | 2 | 3 | 1 | 4 | 1 | 4 | 2 | 1 | 2 | 4 | 1 | 4 | 3 | 1 | 4 | 1 | 2 | 5 | 2.5405 | |
| 8 | 8 | 3 | 4 | 2 | 4 | 2 | 5 | 4 | 3 | 2 | 3 | 5 | 4 | 2 | 1 | 1 | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 4 | 1 | 2 | 2.4324 | |
| 9 | 9 | 3 | 4 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 3 | 1 | 2 | 4 | 1 | 3 | 2 | 5 | 5 | 5 | 4 | 2 | 1 | 3 | 4 | 5 | 5 | 5 | 4 | 3 | 1 | 5 | 5 | 3.2162 | |
| 10 | 10 | 4 | 3 | 2 | 2 | 1 | 4 | 4 | 3 | 2 | 4 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2.4324 | |
| 11 | 11 | 3 | 2 | 2 | 1 | 3 | 4 | 5 | 5 | 3 | 5 | 3 | 1 | 2 | 3 | 4 | 5 | 4 | 3 | 2 | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 | 2 | 3 | 4 | 2.9189 | |
| 12 | 12 | 4 | 2 | 3 | 2 | 3 | 1 | 1 | 4 | 1 | 5 | 3 | 3 | 1 | 5 | 3 | 1 | 2 | 1 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 3 | 1 | 5 | 1 | 3 | 4 | 1 | 2 | 4 | 2 | 2.3514 | |
| 13 | 13 | 2 | 4 | 2 | 1 | 5 | 5 | 1 | 2 | 1 | 5 | 3 | 5 | 5 | 3 | 1 | 3 | 5 | 5 | 1 | 2 | 3 | 5 | 3 | 4 | 3 | 1 | 2 | 3 | 5 | 4 | 5 | 2 | 4 | 1 | 2 | 4 | 3 | 3.1081 | |
| 14 | 14 | 1 | 4 | 3 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 4 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 3 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 5 | 2 | 4 | 2 | 1 | 1.8108 |
| 15 | 15 | 1 | 4 | 1 | 3 | 2 | 1 | 1 | 4 | 5 | 5 | 5 | 1 | 2 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 1 | 1 | 1 | 2 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 5 | 5 | 2.8919 |
| 16 | 16 | 1 | 1 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 4 | 4 | 3 | 4 | 3 | 1 | 5 | 5 | 1 | 1 | 3 | 1 | 5 | 2 | 1 | 3 | 1 | 3 | 5 | 1 | 3 | 1 | 3 | 1 | 5 | 3 | 5 | 5 | 2.8649 | |
| 17 | 17 | 4 | 3 | 2 | 3 | 1 | 5 | 3 | 3 | 1 | 1 | 1 | 5 | 3 | 3 | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 | 2 | 3 | 4 | 5 | 4 | 3 | 2 | 1 | 2 | 3 | 4 | 5 | 4 | 3 | 2 | 2.8378 | |
| 18 | 18 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 1 | 3 | 3 | 5 | 5 | 3 | 2 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 1 | 5 | 2 | 1 | 1 | 2 | 3.5405 | |
| 19 | 19 | 4 | 4 | 4 | 3 | 4 | 5 | 5 | 3 | 4 | 4 | 4 | 4 | 5 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | 5 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | 3.2432 | |
| 20 | 20 | 4 | 5 | 4 | 5 | 3 | 2 | 4 | 5 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 5 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 5 | 5 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3.5946 | |
| 21 | 21 | 5 | 5 | 2 | 2 | 4 | 1 | 5 | 5 | 4 | 5 | 1 | 5 | 4 | 5 | 1 | 4 | 2 | 2 | 5 | 2 | 3 | 2 | 4 | 5 | 5 | 1 | 2 | 2 | 5 | 2 | 3 | 1 | 2 | 4 | 2 | 2 | 4 | 3.1892 | |
| 22 | 22 | 5 | 5 | 1 | 1 | 3 | 2 | 1 | 5 | 5 | 3 | 3 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 4 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 2.1351 | |
| 23 | 23 | 4 | 1 | 4 | 5 | 3 | 3 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 1 | 4 | 4 | 4 | 3 | 2 | 3 | 3 | 1 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 1 | 1 | 1 | 2.9459 | |
| 24 | 24 | 2 | 3 | 3 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 2 | 5 | 4 | 3 | 3 | 4 | 5 | 5 | 5 | 4 | 1 | 1 | 1 | 2 | 3 | 4 | 5 | 4 | 3 | 2 | 1 | 1 | 5 | 2 | 5 | 1 | 5 | 3.4324 | |
| 25 | 25 | 5 | 4 | 1 | 2 | 3 | 5 | 3 | 1 | 1 | 4 | 2 | 5 | 4 | 5 | 3 | 5 | 2 | 4 | 5 | 4 | 1 | 3 | 4 | 5 | 2 | 1 | 5 | 3 | 2 | 4 | 1 | 2 | 2 | 4 | 5 | 4 | 3 | 3.2162 | |
| 26 | 26 | 4 | 5 | 3 | 3 | 3 | 1 | 3 | 4 | 1 | 1 | 2 | 4 | 5 | 3 | 5 | 3 | 3 | 4 | 4 | 2 | 1 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 1 | 3 | 3 | 5 | 4 | 4 | 2 | 4 | 3 | 3.1892 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|---|--------|--------|--------|
| 27 | 27 | 4 | 3 | 2 | 3 | 3 | 5 | 4 | 3 | 2 | 5 | 5 | 4 | 5 | 3 | 3 | 4 | 4 | 4 | 3 | 5 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 1 | 4 | 3 | 3.2973 | | | | |
| 28 | 28 | 4 | 5 | 3 | 2 | 5 | 5 | 4 | 3 | 1 | 1 | 5 | 4 | 3 | 4 | 5 | 5 | 4 | 5 | 1 | 3 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 2 | 3 | 5 | 2 | 5 | 1 | 4 | 5 | 4 | 3 | 3.6216 | | |
| 29 | 29 | 3 | 4 | 3 | 1 | 3 | 5 | 3 | 4 | 1 | 4 | 3 | 5 | 5 | 2 | 2 | 4 | 2 | 2 | 5 | 2 | 2 | 1 | 3 | 4 | 5 | 3 | 4 | 2 | 3 | 5 | 2 | 5 | 1 | 4 | 5 | 4 | 3 | 3.2162 | | |
| 30 | 30 | 4 | 4 | 1 | 3 | 3 | 5 | 4 | 2 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | 3 | 4 | 3 | 1 | 1 | 2 | 1 | 1 | 4 | 2 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | 3.0541 | | |
| 31 | 31 | 1 | 3 | 4 | 5 | 5 | 5 | 1 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 2 | 1 | 3 | 1 | 2 | 4 | 3 | 2 | 4 | 2 | 1 | 3 | 4 | 2 | 4 | 2 | 2.9189 | | |
| 32 | 32 | 1 | 3 | 1 | 5 | 3 | 5 | 5 | 3 | 5 | 2 | 4 | 5 | 1 | 3 | 1 | 1 | 1 | 3 | 5 | 1 | 3 | 2 | 4 | 1 | 2 | 4 | 2 | 1 | 5 | 5 | 3 | 2 | 3 | 3 | 1 | 5 | 1 | 2.8378 | | |
| 33 | 33 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 3 | 5 | 2 | 4 | 5 | 5 | 3 | 2 | 3 | 1 | 1 | 1 | 4 | 1 | 4 | 3 | 3 | 4 | 5 | 5 | 4 | 1 | 4 | 3 | 1 | 3 | 5 | 2 | 1 | 3 | 2.8649 | | |
| 34 | 34 | 2 | 1 | 1 | 4 | 4 | 4 | 3 | 4 | 1 | 5 | 4 | 4 | 3 | 1 | 2 | 4 | 3 | 4 | 3 | 3 | 4 | 5 | 5 | 3 | 4 | 4 | 4 | 4 | 5 | 3 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 3.4865 | | |
| 35 | 35 | 1 | 1 | 1 | 5 | 1 | 5 | 3 | 3 | 1 | 1 | 3 | 5 | 1 | 1 | 1 | 3 | 5 | 3 | 1 | 3 | 1 | 1 | 3 | 5 | 3 | 1 | 1 | 1 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2.1081 | | |
| 36 | 36 | 5 | 5 | 2 | 5 | 3 | 5 | 2 | 1 | 1 | 5 | 5 | 5 | 1 | 3 | 1 | 1 | 3 | 2 | 3 | 2 | 3 | 5 | 3 | 1 | 4 | 4 | 3 | 3 | 2 | 1 | 4 | 1 | 1 | 5 | 5 | 2 | 5 | 3.027 | | |
| 37 | 37 | 5 | 5 | 1 | 2 | 5 | 5 | 3 | 2 | 1 | 1 | 5 | 4 | 5 | 1 | 4 | 5 | 4 | 4 | 1 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 4 | 3 | 1 | 1 | 1 | 5 | 3.4054 | |
| 38 | 38 | 4 | 3 | 5 | 4 | 4 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 3 | 4 | 1 | 4 | 5 | 4 | 3 | 3 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4.1892 |
| 39 | 39 | 3 | 1 | 1 | 2 | 4 | 5 | 3 | 3 | 4 | 1 | 1 | 4 | 4 | 2 | 1 | 4 | 3 | 2 | 3 | 2 | 3 | 2 | 4 | 3 | 3 | 3 | 1 | 3 | 4 | 3 | 3 | 2 | 2 | 1 | 5 | 2 | 3 | 2.7027 | | |
| 40 | 40 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 5 | 2 | 3 | 5 | 5 | 4 | 3 | 2 | 2 | 3 | 4 | 2 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 3.5405 |
| 41 | 41 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 3.3514 | |
| 42 | 42 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 2 | 2 | 3 | 3 | 2 | 5 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 1 | 1 | 3 | 3.2703 |
| 43 | 43 | 3 | 4 | 2 | 4 | 5 | 4 | 1 | 2 | 1 | 3 | 5 | 5 | 4 | 1 | 3 | 5 | 5 | 4 | 1 | 2 | 2 | 1 | 2 | 4 | 2 | 3 | 1 | 4 | 4 | 1 | 3 | 2 | 4 | 3 | 4 | 1 | 1 | 1 | 2.8649 | |
| 44 | 44 | 5 | 4 | 3 | 4 | 5 | 5 | 4 | 5 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 4 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 4 | 2 | 3.5676 |
| 45 | 45 | 4 | 5 | 3 | 5 | 1 | 3 | 1 | 1 | 1 | 3 | 5 | 5 | 3 | 1 | 3 | 4 | 2 | 1 | 3 | 3 | 3 | 5 | 1 | 1 | 5 | 5 | 5 | 5 | 3 | 1 | 3 | 3 | 5 | 1 | 1 | 1 | 1 | 5 | 2.973 | |
| 46 | 46 | 4 | 5 | 2 | 5 | 5 | 4 | 5 | 5 | 2 | 5 | 5 | 5 | 3 | 5 | 1 | 5 | 5 | 5 | 3 | 5 | 3 | 3 | 5 | 5 | 5 | 3 | 5 | 3 | 2 | 5 | 2 | 2 | 5 | 3 | 2 | 2 | 1 | 1 | 3.7838 | |
| 47 | 47 | 4 | 1 | 3 | 4 | 4 | 5 | 1 | 3 | 1 | 5 | 4 | 1 | 3 | 3 | 5 | 3 | 5 | 5 | 2 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 1 | 5 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 5 | 5 | 3.6486 | | |

' -

✓

✓

✓

✓

✓

✓

✓

✓

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

?

✓

/

?

✓

?

✓

?

✓

?

✓

?

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

! -

-

-

| | | |
|-----|-----|------------------------|
| | | |
| 20' | / / | |
| 20' | | () / |
| | () | () / / / / / / / / |

(Check list)

 / -----

(check list)

(√)

| / | | | | |
|---|---------|--|--|--|
| | | | | |
| | () | | | |
| | () | | | |
| | (/) | | | |
| | () | | | |
| | (/) | | | |
| | (/ /) | | | |
| | (/) | | | |
| | (/) | | | |
| | (/) | | | |
| | (/) | | | |

1. פשוט: אנחנו צריכים לראות את המצב הכלכלי של המדינה ואת האפשרויות שיש לנו לטפל בו. אנחנו צריכים להבין את הבעיות שיש לנו ואת הסיבות להן. אנחנו צריכים לראות את המצב הכלכלי של המדינה ואת האפשרויות שיש לנו לטפל בו. אנחנו צריכים להבין את הבעיות שיש לנו ואת הסיבות להן.

2. אנחנו צריכים לראות את המצב הכלכלי של המדינה ואת האפשרויות שיש לנו לטפל בו. אנחנו צריכים להבין את הבעיות שיש לנו ואת הסיבות להן. אנחנו צריכים לראות את המצב הכלכלי של המדינה ואת האפשרויות שיש לנו לטפל בו. אנחנו צריכים להבין את הבעיות שיש לנו ואת הסיבות להן.

(Project Based Learning)

10

| | | | |
|---|--|--|--|
| | | | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |

(Assumptions) ()

Tests of Normality

| | section | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|------------------|------------|---------------------------------|----|-------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| precontent | experiment | .103 | 47 | .200* | .974 | 47 | .370 |
| | control | .106 | 47 | .200* | .955 | 47 | .069 |
| preorganizations | experiment | .114 | 47 | .159 | .952 | 47 | .051 |
| | control | .158 | 47 | .005 | .939 | 47 | .017 |
| prevocabulary | experiment | .109 | 47 | .200* | .983 | 47 | .706 |
| | control | .127 | 47 | .056 | .935 | 47 | .011 |
| prelanguageuse | experiment | .081 | 47 | .200* | .970 | 47 | .254 |
| | control | .084 | 47 | .200* | .973 | 47 | .337 |
| premechanics | experiment | .204 | 47 | .000 | .916 | 47 | .002 |
| | control | .129 | 47 | .048 | .938 | 47 | .015 |
| pretotal | experiment | .083 | 47 | .200* | .973 | 47 | .332 |
| | control | .088 | 47 | .200* | .944 | 47 | .025 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Tests of Normality

| | section | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|--------------------|------------|---------------------------------|----|-------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| postcontent | experiment | .089 | 47 | .200* | .963 | 47 | .148 |
| | control | .116 | 47 | .135 | .969 | 47 | .237 |
| postorganiza tions | experiment | .102 | 47 | .200* | .977 | 47 | .476 |
| | control | .106 | 47 | .200* | .965 | 47 | .177 |
| postvocabulary | experiment | .093 | 47 | .200* | .962 | 47 | .135 |
| | control | .087 | 47 | .200* | .964 | 47 | .152 |
| postlanguageuse | experiment | .164 | 47 | .003 | .940 | 47 | .017 |
| | control | .078 | 47 | .200* | .988 | 47 | .910 |
| postmechanics | experiment | .134 | 47 | .033 | .955 | 47 | .070 |
| | control | .216 | 47 | .000 | .878 | 47 | .000 |
| posttotal | experiment | .116 | 47 | .139 | .961 | 47 | .121 |
| | control | .122 | 47 | .079 | .967 | 47 | .198 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|----------------|---------------------------------|----|-------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| premotivation | .067 | 94 | .200* | .980 | 94 | .150 |
| postmotivation | .129 | 94 | .001 | .953 | 94 | .002 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

0.05

Pre test ()

**Box's Test of Equality
of Covariance Matrices^a**

| | |
|---------|-----------|
| Box's M | 77.209 |
| F | 4.847 |
| df1 | 15 |
| df2 | 34078.737 |
| Sig. | .000 |

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.

a. Design: Intercept + section

Post test ()

**Box's Test of Equality
of Covariance Matrices^a**

| | |
|---------|-----------|
| Box's M | 36.813 |
| F | 2.311 |
| df1 | 15 |
| df2 | 34078.737 |
| Sig. | .003 |

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.

a. Design: Intercept + section

Pre motivation and pre total ()

**Box's Test of Equality of
Covariance Matrices^a**

| | |
|---------|-------------|
| Box's M | 5.221 |
| F | 1.699 |
| df1 | 3 |
| df2 | 1523520.000 |
| Sig. | .165 |

Tests the null hypothesis
that the observed
covariance matrices of
the dependent variables
are equal across groups.

a. Design: Intercept +
section

Post motivation and post total ()

**Box's Test of Equality of
Covariance Matrices^a**

| | |
|---------|-------------|
| Box's M | 13.636 |
| F | 4.438 |
| df1 | 3 |
| df2 | 1523520.000 |
| Sig. | .004 |

Tests the null hypothesis
that the observed
covariance matrices of
the dependent variables
are equal across groups.

a. Design: Intercept +
section

(Equality of Covariance Box's M Test)

0.001

Pre test

(multivariate normality Mahalanobis)

Residuals Statistics^a

| | Minimum | Maximum | Mean | Std. Deviation | N |
|-----------------------------------|-------------|---------------|--------------|----------------|-----------|
| Predicted Value | 42.78 | 54.39 | 47.50 | 2.520 | 94 |
| Std. Predicted Value | -1.875 | 2.734 | .000 | 1.000 | 94 |
| Standard Error of Predicted Value | 3.436 | 12.141 | 6.794 | 1.910 | 94 |
| Adjusted Predicted Value | 39.56 | 55.31 | 47.07 | 3.237 | 94 |
| Residual | -47.009 | 45.912 | .000 | 27.163 | 94 |
| Std. Residual | -1.683 | 1.644 | .000 | .973 | 94 |
| Stud. Residual | -1.762 | 1.710 | .007 | 1.006 | 94 |
| Deleted Residual | -52.034 | 49.667 | .426 | 29.078 | 94 |
| Stud. Deleted Residual | -1.784 | 1.729 | .007 | 1.011 | 94 |
| Mahal. Distance | .419 | 16.591 | 4.947 | 3.347 | 94 |
| Cook's Distance | .000 | .061 | .012 | .014 | 94 |
| Centered Leverage Value | .005 | .178 | .053 | .036 | 94 |

a. Dependent Variable: id

(Critical Value) 20.52

16.591

Post test

(multivariate normality

Mahalanobis)

Residuals Statistics^a

| | Minimum | Maximum | Mean | Std. Deviation | N |
|-----------------------------------|---------|---------|-------|----------------|----|
| Predicted Value | 7.39 | 83.62 | 47.50 | 19.381 | 94 |
| Std. Predicted Value | -2.070 | 1.863 | .000 | 1.000 | 94 |
| Standard Error of Predicted Value | 2.501 | 7.624 | 4.866 | 1.095 | 94 |
| Adjusted Predicted Value | 5.55 | 84.65 | 47.47 | 19.382 | 94 |
| Residual | -45.250 | 54.589 | .000 | 19.198 | 94 |
| Std. Residual | -2.293 | 2.766 | .000 | .973 | 94 |
| Stud. Residual | -2.373 | 2.822 | .001 | 1.002 | 94 |

| | | | | | |
|-------------------------|---------|--------|-------|--------|----|
| Deleted Residual | -48.491 | 56.838 | .029 | 20.371 | 94 |
| Std. Deleted Residual | -2.439 | 2.943 | .002 | 1.013 | 94 |
| Mahal. Distance | .504 | 12.889 | 4.947 | 2.656 | 94 |
| Cook's Distance | .000 | .080 | .010 | .015 | 94 |
| Centered Leverage Value | .005 | .139 | .053 | .029 | 94 |

a. Dependent Variable: id

Pre total and pre motivation
normalityMahalanobis)

(multivariate

Residuals Statistics^a

| | Minimum | Maximum | Mean | Std. Deviation | N |
|-----------------------------------|---------|---------|-------|----------------|----|
| Predicted Value | 40.92 | 55.55 | 47.50 | 2.288 | 94 |
| Std. Predicted Value | -2.876 | 3.519 | .000 | 1.000 | 94 |
| Standard Error of Predicted Value | 2.869 | 10.539 | 4.667 | 1.533 | 94 |
| Adjusted Predicted Value | 41.76 | 54.78 | 47.52 | 2.354 | 94 |
| Residual | -45.646 | 48.448 | .000 | 27.183 | 94 |
| Std. Residual | -1.661 | 1.763 | .000 | .989 | 94 |
| Std. Residual | -1.672 | 1.789 | .000 | 1.004 | 94 |
| Deleted Residual | -46.239 | 49.907 | -.016 | 28.029 | 94 |
| Std. Deleted Residual | -1.689 | 1.812 | .000 | 1.009 | 94 |
| Mahal. Distance | .024 | 12.689 | 1.979 | 2.258 | 94 |
| Cook's Distance | .000 | .101 | .010 | .014 | 94 |
| Centered Leverage Value | .000 | .136 | .021 | .024 | 94 |

a. Dependent Variable: id

Post total and Post motivation
normalityMahalanobis)

(multivariate

Residuals Statistics^a

| | Minimum | Maximum | Mean | Std. Deviation | N |
|-----------------------------------|---------|---------|-------|----------------|----|
| Predicted Value | 17.89 | 88.47 | 47.50 | 18.249 | 94 |
| Std. Predicted Value | -1.622 | 2.245 | .000 | 1.000 | 94 |
| Standard Error of Predicted Value | 2.153 | 6.378 | 3.548 | .910 | 94 |
| Adjusted Predicted Value | 16.84 | 90.48 | 47.61 | 18.396 | 94 |
| Residual | -40.829 | 49.650 | .000 | 20.276 | 94 |
| Std. Residual | -1.992 | 2.422 | .000 | .989 | 94 |
| Std. Residual | -2.003 | 2.442 | -.003 | 1.004 | 94 |

| | | | | | |
|-------------------------|---------|--------|-------|--------|----|
| Deleted Residual | -41.480 | 50.450 | -.107 | 20.894 | 94 |
| Stud. Deleted Residual | -2.037 | 2.512 | -.002 | 1.013 | 94 |
| Mahal. Distance | .037 | 8.014 | 1.979 | 1.577 | 94 |
| Cook's Distance | .000 | .089 | .010 | .014 | 94 |
| Centered Leverage Value | .000 | .086 | .021 | .017 | 94 |

a. Dependent Variable: id

! (multivariate normality Mahalanobis)

| Numbers of Dependent Variables | Critical Value |
|--------------------------------|----------------|
| 2 | 13.82 |
| 3 | 16.27 |
| 4 | 18.47 |
| 5 | 20.52 |

(Variance Inflation Factor ,VIF)

5

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|--------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 8.215 | 1.706 | | 4.815 | .000 | | |
| 1 preorganizations | .060 | .098 | .058 | .612 | .542 | .922 | 1.085 |
| prevocabulary | .285 | .089 | .325 | 3.188 | .002 | .811 | 1.233 |
| prelanguageuse | .121 | .078 | .146 | 1.538 | .128 | .931 | 1.074 |
| premechanics | .946 | .449 | .202 | 2.104 | .038 | .913 | 1.095 |

a. Dependent Variable: precontent

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|--------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | -.956 | 2.150 | | -.445 | .658 | | |
| 1 preorganizations | .242 | .108 | .206 | 2.248 | .027 | .970 | 1.031 |
| prelanguageuse | .138 | .088 | .147 | 1.572 | .120 | .932 | 1.073 |
| premechanics | .811 | .510 | .152 | 1.589 | .116 | .894 | 1.118 |
| precontent | .360 | .113 | .316 | 3.188 | .002 | .834 | 1.199 |

a. Dependent Variable: prevocabulary

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 8.412 | 1.860 | | 4.523 | .000 | | |
| 1 prelanguageuse | -.073 | .085 | -.092 | -.862 | .391 | .914 | 1.094 |
| premechanics | -.017 | .496 | -.004 | -.034 | .973 | .870 | 1.150 |
| precontent | .070 | .114 | .072 | .612 | .542 | .752 | 1.330 |
| prevocabulary | .222 | .099 | .260 | 2.248 | .027 | .769 | 1.300 |

a. Dependent Variable: preorganizations

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 8.197 | 2.405 | | 3.408 | .001 | | |
| 1 premechanics | .147 | .615 | .026 | .240 | .811 | .870 | 1.149 |
| precontent | .215 | .140 | .177 | 1.538 | .128 | .768 | 1.301 |
| prevocabulary | .195 | .124 | .183 | 1.572 | .120 | .748 | 1.337 |
| preorganizations | -.113 | .131 | -.090 | -.862 | .391 | .926 | 1.080 |

a. Dependent Variable: prelanguageuse

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 1.285 | .419 | | 3.065 | .003 | | |
| 1 precontent | .050 | .024 | .235 | 2.104 | .038 | .786 | 1.273 |
| prevocabulary | .034 | .021 | .182 | 1.589 | .116 | .749 | 1.336 |
| preorganizations | -.001 | .023 | -.004 | -.034 | .973 | .918 | 1.089 |
| prelanguageuse | .004 | .018 | .025 | .240 | .811 | .907 | 1.102 |

a. Dependent Variable: premechanics

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|--------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 8.603 | 2.367 | | 3.634 | .000 | | |
| 1 postorganization | .261 | .161 | .185 | 1.616 | .110 | .781 | 1.280 |
| postvocabulary | -.030 | .138 | -.024 | -.216 | .829 | .860 | 1.162 |
| postmechanics | .787 | .502 | .183 | 1.568 | .120 | .747 | 1.340 |
| postcontent | .026 | .116 | .026 | .225 | .822 | .783 | 1.278 |

a. Dependent Variable: postlanguageuse

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|--------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 9.581 | 2.080 | | 4.607 | .000 | | |
| 1 postorganization | .183 | .148 | .132 | 1.239 | .219 | .772 | 1.296 |
| postvocabulary | .056 | .126 | .045 | .444 | .658 | .862 | 1.160 |
| postlanguageuse | .022 | .097 | .022 | .225 | .822 | .907 | 1.103 |
| postmechanics | 1.608 | .432 | .381 | 3.725 | .000 | .840 | 1.191 |

a. Dependent Variable: postcontent

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|---------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| (Constant) | 6.672 | 1.817 | | 3.671 | .000 | | |
| 1 postorganizations | .354 | .120 | .318 | 2.952 | .004 | .833 | 1.200 |
| postmechanics | .306 | .390 | .090 | .785 | .434 | .731 | 1.367 |
| postcontent | .040 | .089 | .049 | .444 | .658 | .784 | 1.276 |
| postlanguageuse | -.018 | .081 | -.022 | -.216 | .829 | .907 | 1.103 |

a. Dependent Variable: postvocabulary

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|-------------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 (Constant) | -.212 | .528 | | -.401 | .689 | | |
| postorganizations | .060 | .034 | .182 | 1.789 | .077 | .786 | 1.272 |
| postcontent | .084 | .023 | .354 | 3.725 | .000 | .904 | 1.106 |
| postlanguageuse | .034 | .022 | .147 | 1.568 | .120 | .931 | 1.074 |
| postvocabulary | .022 | .029 | .076 | .785 | .434 | .866 | 1.155 |

a. Dependent Variable: postmechanics

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|-----------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 (Constant) | 4.355 | 1.577 | | 2.762 | .007 | | |
| postcontent | .092 | .075 | .128 | 1.239 | .219 | .796 | 1.257 |
| postvocabulary | .252 | .085 | .281 | 2.952 | .004 | .944 | 1.059 |
| postmechanics | .579 | .324 | .190 | 1.789 | .077 | .753 | 1.329 |
| postlanguageuse | .109 | .068 | .155 | 1.616 | .110 | .933 | 1.072 |

a. Dependent Variable: postorganizations

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|---------------|-----------------------------|------------|---------------------------|--------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 (Constant) | 47.951 | 4.265 | | 11.242 | .000 | | |
| premotivation | 1.841 | 1.296 | .147 | 1.421 | .159 | 1.000 | 1.000 |

a. Dependent Variable: pretotal

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|--------------|-----------------------------|------------|---------------------------|-------|------|-------------------------|-----|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 (Constant) | 2.641 | .445 | | 5.938 | .000 | | |

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|----------------|-----------------------------|------------|---------------------------|--------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 (Constant) | 40.622 | 2.058 | | 19.742 | .000 | | |
| postmotivation | 4.791 | .551 | .672 | 8.697 | .000 | 1.000 | 1.000 |

a. Dependent Variable: posttotal

| | | | | | | | |
|----------|------|------|------|-------|------|-------|-------|
| pretotal | .012 | .008 | .147 | 1.421 | .159 | 1.000 | 1.000 |
|----------|------|------|------|-------|------|-------|-------|

a. Dependent Variable: premotivation

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
|--------------|-----------------------------|------------|---------------------------|--------|------|-------------------------|-------|
| | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 (Constant) | -1.819 | .632 | | -2.876 | .005 | | |
| posttotal | .094 | .011 | .672 | 8.697 | .000 | 1.000 | 1.000 |

a. Dependent Variable: postmotivation