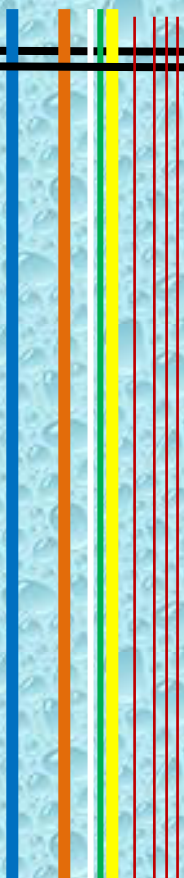


# RESOURCE WORLD

## GENERAL MENTAL ABILITY



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# Number Series

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## Number Series

In following question, a number series is given with one term missing. Choose the correct alternative that will same pattern and fill in the blank spaces.

1, 4, 9, 16, 25, x

A. 35    B. 36    C. 48    D. 49

Answer: Option B

20, 19, 17, x, 10, 5

A. 12    B. 13    C. 14    D. 15

Answer: Option C

2, 3, 5, 7, 11, x, 17

A. 12    B. 13    C. 14    D. 15

Answer: Option B

6, 11, 21, 36, 56,

A. 42    B. 51    C. 81    D. 91

Answer: Option C

1, 6, 13, 22, 33,

A. 44    B. 45    C. 46    D. 47

Answer: Option C

3, 9, 27, 81,

A. 324    B. 243    C. 210    D. 162

Answer: Option B

1, 9, 17, 33, 49, 73,

A. 97    B. 98    C. 99    D. 100

Answer: Option A

2, 5, 9, , 20, 27

A. 14    B. 16    C. 18    D. 24

Answer: Option A

5, 9, 17, 29, 45,

A. 60    B. 65    C. 68    D. 70

Answer: Option B

3, 7, 15, 31, 63,

A. 92    B. 115    C. 127    D. 131

Answer: Option C

1, 6, 15, , 45, 66, 91

A. 25    B. 26    C. 27    D. 28

Answer: Option D

1, 2, 3, 5, 8,

A. 9    B. 11    C. 13    D. 15

Answer: Option C

0.5, 1.5, 4.5, 13.5,

A. 45.5    B. 39.5    C. 30.5    D. 40.5

Answer: Option D

121, 225, 361,

A. 441    B. 484    C. 529    D. 729

Answer: Option C

0, 2, 8, 14, , 34

A. 24    B. 22    C. 20    D. 18

Answer: Option A

19, 2, 38, 3, 114, 4,

A. 228    B. 256    C. 352    D. 456

Answer: Option D

1, 2, 3, 6, 9, 18, , 54

A. 18    B. 27    C. 36    D. 81

Answer: Option B

4, 5, 9, 18, 34, (.....)

A. 43    B. 49    C. 50    D. 59

Answer: Option D

3, 6, 18, 72,

A. 144    B. 216    C. 288    D. 360

Answer: Option D

66, 36, 18,

A. 3    B. 6    C. 8    D. 9

Answer: Option C

21, 25, 33, 49, 81,

A. 145    B. 129    C. 113    D. 97

Answer: Option A

12, 32, 72, 152,

A. 312    B. 325    C. 515    D. 613

Answer: Option A

3, 6, 5, 20, 7, 42, 9,

A. 54    B. 60    C. 66    D. 72

Answer: Option D

1, 3, 4, 8, 15, 27,

A. 37    B. 44    C. 50    D. 55

Answer: Option C

2, 15, 41, 80,

A. 111    B. 120    C. 121    D. 132

Answer: Option D

8, 10, 14, 18, , 34, 50, 66

A. 24    B. 25    C. 26    D. 27

Answer: Option C

1, 2, 6, 24,

A. 60    B. 95    C. 120    D. 150

Answer: Option C

2, 3, 8, 63, (.....)

A. 1038    B. 1998    C. 3008    D. 3968

Answer: Option D

95, 115.5, 138, , 189

A. 154.5    B. 162.5    C. 164.5    D. 166.5

Answer: Option B

4, 10, , 82, 244, 730

A. 24    B. 28    C. 77    D. 218

Answer: Option B

4, 32, 128,

A. 128    B. 144    C. 192    D. 256

Answer: Option D

2, 5, 9, 19, 37,

A. 76    B. 75    C. 74    D. 72

Answer: Option B

24, 60, 120, 210,

A. 300    B. 336    C. 420    D. 525

Answer: Option B

165, 195, 255, 285, 345,

A. 375    B. 420    C. 435    D. 390

Answer: Option C

5, 17, 37, 65, , 145

A. 95    B. 97    C. 99    D. 101

Answer: Option D

9, 11, 20, 31, (.....), 82

A. 41    B. 51    C. 60    D. 71

Answer: Option B

5, 16, 49, 104,

A. 115    B. 148    C. 170    D. 181

Answer: Option D

34, 18, 10, 6, 4,

A. 0    B. 1    C. 2    D. 3

Answer: Option D

462, 420, 380, , 306

A. 322    B. 332    C. 342    D. 352

Answer: Option C

3, 8, 22, 63, 185,

A. 550    B. 310    C. 295    D. 285

Answer: Option A

1, 2, 5, 12, 27, 58, 121,

A. 246    B. 247    C. 248    D. 249

Answer: Option C

0.5, 0.55, 0.65, 0.8,

A. 0.9    B. 0.82    C. 1    D. 0.95

Answer: Option C

3, 8, 13, 24, 41,

A. 70    B. 75    C. 80    D. 85

Answer: Option A

97, 86, 73, 58, 45,

A. 34    B. 54    C. 55    D. 56

Answer: Option A

17, 19, 23, 29, , 37

A. 31    B. 33    C. 35    D. 36

Answer: Option A

5, 6, 9, 15, , 40

A. 21    B. 25    C. 27    D. 33

Answer: Option B

3, 12, 27, 48, 75, 108, (.....)

A. 147    B. 162    C. 183    D. 192

Answer: Option A

134, 245, 356, 467,

A. 579    B. 578    C. 568    D. 478

Answer: Option B

6, 13, 28,

A. 56    B. 57    C. 58    D. 59

Answer: Option D

563, 647, 479, 815,

A. 672    B. 386    C. 279    D. 143

Answer: Option D

11, 12, 17, 18, 23, 24,

A. 12    B. 29    C. 30    D. 35

Answer: Option B

225, 336, 447, , 669, 7710

A. 114    B. 338    C. 558    D. 991

Answer: Option C

840, 168, 42, 14, 7, (.....)

A. 1 B. 7 C. 9 D. 12

Answer: Option B

5, 6, 7, 8, 10, 11, 14,

A. 15 B. 16 C. 17 D. 18

Answer: Option A

0, 2, 3, 5, 8, 10, 15, 17, 24, 26,

A. 35 B. 32 C. 30 D. 28

Answer: Option A

0, 4, 6, 3, 7, 9, 6, , 12

A. 8 B. 10 C. 11 D. 14

Answer: Option B

1, 1, 3, 9, 6, 36, 10, 100, , 225

A. 15 B. 16 C. 20 D. 22

Answer: Option A

2, 1, 2, 4, 4, 5, 6, 7, 8, 8, 10, 11,

A. 9 B. 10 C. 11 D. 12

Answer: Option B

4, 23, 60, 121,

A. 212 B. 221 C. 241 D. 242

Answer: Option A

1, 4, 2, 8, 6, 24, 22, 88,

A. 86 B. 90 C. 154 D. 352

Answer: Option A

**NUMBER ANALOGY SECTION DEALS WITH TWO TYPES OF QUESTIONS:**

- I. Choosing a similarly related pair as the given number pair on the basis of the relation between the numbers in each pair.
- II. Choosing a number similar to a group of numbers on the basis of certain common properties that they possess.



6 : 18 :: 4 : ?

A. 2    B. 6    C. 8    D. 16

Answer: Option C

21 : 3 :: 574 : ?

A. 23    B. 82    C. 97    D. 113

Answer: Option B

1 : 1 :: 25 : ?

A. 26    B. 125    C. 240    D. 625

Answer: Option D

121 : 12 :: 25 : ?

A. 1    B. 2    C. 6    D. 7

Answer: Option C

42 : 20 :: 64 : ?

A. 31    B. 32    C. 33    D. 34

Answer: Option A

7528 : 5306 :: 4673 : ?

A. 2367    B. 2451    C. 2531    D. None of these

Answer: Option B

25 : 37 :: 49 : ?

A. 41    B. 56    C. 60    D. 65

Answer: Option D

25 : 125 :: 36 : ?

A. 180    B. 206    C. 216    D. 318

Answer: Option C

14 : 9 :: 26 : ?

A. 12    B. 13    C. 15    D. 31

Answer: Option C

8 : 28 :: 27 : ?

A. 8    B. 28    C. 64    D. 65

Answer: Option D

583 : 293 :: 488 : ?

A. 291    B. 378    C. 487    D. 581

Answer: Option B

7 : 56 :: 9 : ?

A. 63    B. 81    C. 90    D. 99

Answer: Option C

9 : 8 :: 16 : ?

A. 27    B. 18    C. 17    D. 14

Answer: Option A

8 : 81 :: 64 : ?

A. 125    B. 137    C. 525    D. 625

Answer: Option D

17 : 52 :: 1 : ?

A. 3    B. 4    C. 5    D. 51

Answer: Option B

20 : 11 :: 102 : ?

A. 49    B. 52    C. 61    D. 98

Answer: Option B

9 : 80 :: 100 : ?

A. 901    B. 1009    C. 9889    D. 9999

Answer: Option D

Choose or find odd number

43 , 53 , 63 , 73 , 83

A. 43    B. 53    C. 63    D. 73    E. 83

Answer: Option C

10 , 26 , 24 , 21 , 18

A. 10    B. 26    C. 24    D. 21    E. 18

Answer: Option D

51 , 144 , 64 , 121 , 256

A. 51    B. 144    C. 64    D. 121    E. 256

Answer: Option A

15 , 21 , 24 , 28 , 30

A. 15    B. 21    C. 24    D. 28    E. 30

Answer: Option D

324 , 244 , 136 , 352 , 514

A. 324    B. 244    C. 136    D. 352    E. 514

Answer: Option A

6 , 12 , 18 , 9 , 7

A. 6    B. 12    C. 18    D. 9    E. 7

Answer: Option E

45 , 99 , 109 , 126 , 207

A. 45    B. 99    C. 109    D. 126    E. 207

Answer: Option C

27 , 125 , 343 , 729 , 1321

A. 27    B. 125    C. 343    D. 729    E. 1321

Answer: Option E

21 , 39 , 51 , 63 , 83

A. 21    B. 39    C. 51    D. 63    E. 83

Answer: Option E

35 , 49 , 50 , 63 , 140

A. 35    B. 49    C. 50    D. 63    E. 140

Answer: Option C

385 , 572 , 671 , 264 , 427

A. 385    B. 572    C. 671    D. 264    E. 427

Answer: Option E

2384 , 1592 , 3756 , 4298 , 3629

A. 2384    B. 1592    C. 3756    D. 4298    E. 3629

Answer: Option E

3759 , 2936 , 6927 , 4836 , 5814

A. 3759    B. 2936    C. 6927    D. 4836    E. 5814

Answer: Option B

5698 , 7894 , 9865 , 8793 , 6958

A. 5698    B. 7894    C. 9865    D. 8793    E. 6958

Answer: Option D

7359 , 1593 , 9175 , 3781 , 9317

A. 7359    B. 1593    C. 9175    D. 3781    E. 9317

Answer: Option D

325 , 236 , 178 , 639 , 538

A. 325    B. 236    C. 178    D. 639    E. 538

Answer: Option B

3740 , 4635 , 5869 , 7946 , 2378

A. 3740    B. 4635    C. 5869    D. 7946    E. 2378

Answer: Option A

263 , 111 , 242 , 551 , 383

A. 263    B. 111    C. 242    D. 551    E. 383

Answer: Option E

5698 , 4321 , 7963 , 4232 , 8597

A. 5698    B. 4321    C. 7963    D. 4232    E. 8597

Answer: Option D

7487 , 5963 , 8218 , 6596 , 9259

A. 7487    B. 5963    C. 8218    D. 6596    E. 9259

Answer: Option B

1532 , 8749 , 4268 , 5846 , 6137

A. 1532    B. 8749    C. 4268    D. 5846    E. 6137

Answer: Option C

7851 , 6432 , 5789 , 1325 , 8167

A. 7851    B. 6432    C. 5789    D. 1325    E. 8167

Answer: Option B

372164 , 376821 , 318951 , 319446 , 387315

A. 372164    B. 376821    C. 318951    D. 319446    E. 387315

Answer: Option A

11 , 13 , 15 , 17

A. 11    B. 13    C. 15    D. 17

Answer: Option C

10 , 11 , 15 , 16

A. 10    B. 11    C. 15    D. 16

Answer: Option B

1. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

- |    |       |    |        |
|----|-------|----|--------|
| A. | (1/3) | B. | (1/8)  |
| C. | (2/8) | D. | (1/16) |

Answer: Option B

This is a simple division series; each number is one-half of the previous number.

In other terms to say, the number is divided by 2 successively to get the next result.

$$4/2 = 2$$

$$2/2 = 1$$

$$1/2 = 1/2$$

$$(1/2)/2 = 1/4$$

$$(1/4)/2 = 1/8 \text{ and so on.}$$

2. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

- A. 7  
B. 10  
C. 12  
D. 13

Answer: Option B

This is a simple alternating addition and subtraction series. In the first pattern, 3 is added; in the second, 2 is subtracted.

3. Look at this series: 36, 34, 30, 28, 24, ... What number should come next?

- A. 20  
B. 22  
C. 23  
D. 26

Answer: Option B

This is an alternating number subtraction series. First, 2 is subtracted, then 4, then 2, and so on.

4. Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next?

- A. 22  
B. 24  
C. 25  
D. 26

Answer: Option C

In this simple alternating subtraction and addition series; 1 is subtracted, then 2 is added, and so on.

5. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

- A. 12  
B. 14  
C. 27  
D. 53

Answer: Option B

In this series, each number is repeated, then 13 is subtracted to arrive at the next number.

6. Look at this series: 21, 9, 21, 11, 21, 13, 21, ... What number should come next?

- A. 14  
B. 15  
C. 21  
D. 23

Answer: Option B

In this alternating repetition series, the random number 21 is interpolated every other number into an otherwise simple addition series that increases by 2, beginning with the number 9.

7. Look at this series: 58, 52, 46, 40, 34, ... What number should come next?
- |       |       |
|-------|-------|
| A. 26 | B. 28 |
| C. 30 | D. 32 |

Answer: Option B

This is a simple subtraction series. Each number is 6 less than the previous number.

8. Look at this series: 3, 4, 7, 8, 11, 12, ... What number should come next?
- |       |       |
|-------|-------|
| A. 7  | B. 10 |
| C. 14 | D. 15 |

Answer: Option D

This alternating addition series begins with 3; then 1 is added to give 4; then 3 is added to give 7; then 1 is added, and so on.

9. Look at this series: 8, 22, 8, 28, 8, ... What number should come next?
- |       |       |
|-------|-------|
| A. 9  | B. 29 |
| C. 32 | D. 34 |

Answer: Option D

This is a simple addition series with a random number, 8, interpolated as every other number. In the series, 6 is added to each number except 8, to arrive at the next number.

10. Look at this series: 31, 29, 24, 22, 17, ... What number should come next?
- |       |       |
|-------|-------|
| A. 15 | B. 14 |
| C. 13 | D. 12 |

Answer: Option A

This is a simple alternating subtraction series, which subtracts 2, then 5.

11. Look at this series: 1.5, 2.3, 3.1, 3.9, ... What number should come next?

- A. 4.2  
B. 4.4  
C. 4.7  
D. 5.1

Answer: Option C

In this simple addition series, each number increases by 0.8.

12. Look at this series: 14, 28, 20, 40, 32, 64, ... What number should come next?

- A. 52  
B. 56  
C. 96  
D. 128

Answer: Option B

This is an alternating multiplication and subtracting series: First, multiply by 2 and then subtract 8.

13. Look at this series: 2, 4, 6, 8, 10, ... What number should come next?

- A. 11  
B. 12  
C. 13  
D. 14

Answer: Option B

This is a simple addition series. Each number increases by 2.

14. Look at this series: 201, 202, 204, 207, ... What number should come next?

- A. 205  
B. 208  
C. 210  
D. 211

Answer: Option D

In this addition series, 1 is added to the first number; 2 is added to the second number; 3 is added to the third number; 4 is added to the fourth number; and go on.

15. Look at this series: 544, 509, 474, 439, ... What number should come next?

- A. 404  
B. 414  
C. 420  
D. 445

Answer: Option A

This is a simple subtraction series. Each number is 35 less than the previous



16. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?

- |       |       |
|-------|-------|
| A. 20 | B. 25 |
| C. 30 | D. 50 |

Answer: Option A

This is an alternating addition and subtraction series. In the first pattern, 10 is subtracted from each number to arrive at the next. In the second, 5 is added to each number to arrive at the next.

17. Look at this series: 2, 6, 18, 54, ... What number should come next?

- |        |        |
|--------|--------|
| A. 108 | B. 148 |
| C. 162 | D. 216 |

Answer: Option C

This is a simple multiplication series. Each number is 3 times more than the previous number.

18. Look at this series: 5.2, 4.8, 4.4, 4, ... What number should come next?

- |        |        |
|--------|--------|
| A. 3   | B. 3.3 |
| C. 3.5 | D. 3.6 |

Answer: Option D

In this simple subtraction series, each number decreases by 0.4.

19. Look at this series: 8, 6, 9, 23, 87, ... What number should come next?

- |        |        |
|--------|--------|
| A. 128 | B. 226 |
| C. 324 | D. 429 |

Answer: Option D

$$8 \times 1 - 2 = 6$$

$$6 \times 2 - 3 = 9$$

$$9 \times 3 - 4 = 23$$

$$23 \times 4 - 5 = 87$$

$$87 \times 5 - 6 = 429 \dots$$

**CHOOSE ODD ONE OUT**

1. 28 25 5 21 18 5 14

- A. 11 5
- B. 10 7
- C. 11 8
- D. 5 10
- E. 10 5

Answer: Option A

This is an alternating subtraction series with the interpolation of a random number, 5, as every third number. In the subtraction series, 3 is subtracted, then 4, then 3, and so on.

2. 8 11 21 15 18 21 22

- |          |          |
|----------|----------|
| A. 25 18 | B. 25 21 |
| C. 25 29 | D. 24 21 |
| E. 22 26 |          |

Answer: Option B

This is an alternating addition series, with a random number, 21, interpolated as every third number. The addition series alternates between adding 3 and adding 4. The number 21 appears after each number arrived at by adding 3.

3. 9 16 23 30 37 44 51

- |          |          |
|----------|----------|
| A. 59 66 | B. 56 62 |
| C. 58 66 | D. 58 65 |
| E. 54 61 |          |

Answer: Option D

Here is a simple addition series, which begins with 9 and adds 7.

4. 2 8 14 20 26 32 38

- A. 2 46
- B. 44 50
- C. 42 48
- D. 40 42
- E. 32 26

Answer: Option B

This is a simple addition series, which begins with 2 and adds 6.

5. 9 11 33 13 15 33 17

- A. 19 33
- B. 33 35
- C. 33 19
- D. 15 33
- E. 19 21

Answer: Option A

In this alternating repetition series, a random number, 33, is interpolated every third number into a simple addition series, in which each number increases by 2.

6. 2 3 4 5 6 4 8

- |    |      |    |     |
|----|------|----|-----|
| A. | 9 10 | B. | 4 8 |
| C. | 10 4 | D. | 9 4 |
| E. | 8 9  |    |     |

Answer: Option D

This is an alternating addition series with a random number, 4, interpolated as every third number. In the main series, 1 is added, then 2 is added, then 1, then 2, and so on.

7. 17 17 34 20 20 31 23

- |    |       |    |       |
|----|-------|----|-------|
| A. | 26 23 | B. | 34 20 |
| C. | 23 33 | D. | 27 28 |
| E. | 23 28 |    |       |

Answer: Option E

This is an alternating subtraction series with repetition. There are two different patterns here. In the first, a number repeats itself; then 3 is added to that number to arrive at the next number, which also repeats. This gives the series 17, 17, 20, 20, 23, and so on. Every third number follows a second pattern, in which 3 is subtracted from each number to arrive at the next: 34, 31, 28.

8. 6 20 8 14 10 8 12

- A. 14 10
- B. 2 18
- C. 4 12
- D. 2 14
- E. 14 14

Answer: Option D

This is an alternating addition and subtraction series. In the first pattern, 2 is added to

each number to arrive at the next; in the alternate pattern, 6 is subtracted from each number to arrive at the next.

9. 21 25 18 29 33 18

A. 43 18

B. 41 44

C. 37 18

D. 37 41

E. 38 41

Answer: Option D

This is a simple addition series with a random number, 18, interpolated as every third number. In the series, 4 is added to each number except 18, to arrive at the next number.

10. 75 65 85 55 45 85 35

A. 25 15

B. 25 85

C. 35 25

D. 85 35

E. 25 75

Answer: Option B

This is a simple subtraction series in which a random number, 85, is interpolated as every third number. In the subtraction series, 10 is subtracted from each number to arrive at the next.

11. 11 16 21 26 31 36 41

A. 47 52

B. 46 52

C. 45 49

D. 46 51

Answer: Option D

In this simple addition series, each number is 5 more than the previous number.

12. 3 8 13 18 23 28 33

A. 39 44

B. 38 44

C. 38 43

D. 37 42

E. 33 38

Answer: Option C

In this simple addition series, each number is 5 greater than the previous number.

13. 84 78 72 66 60 54 48

- A. 44 34  
 B. 42 36  
 C. 42 32  
 D. 40 34  
 E. 38 32

Answer: Option B

In this simple subtraction series, each number is 6 less than the previous number.

14. 20 20 17 17 14 14 11

- A. 8 8  
 B. 11 11  
 C. 11 14  
 D. 8 9  
 E. 11 8

Answer: Option E

This is a simple subtraction with repetition series. It begins with 20, which is repeated, then 3 is subtracted, resulting in 17, which is repeated, and so on.

15. 61 57 50 61 43 36 61

- A. 29 61  
 B. 27 20  
 C. 31 61  
 D. 22 15  
 E. 29 22

Answer: Option E

This is an alternating repetition series, in which a random number, 61, is interpolated as every third number into an otherwise simple subtraction series. Starting with the second number, 57, each number (except 61) is 7 less than the previous number.

16. 9 12 11 14 13 16 15

- A. 14 13  
 B. 18 21  
 C. 14 17  
 D. 12 13  
 E. 18 17

Answer: Option E

This is a simple alternating addition and subtraction series. First, 3 is added, then 1 is subtracted, then 3 is added, 1 subtracted, and so on.

17. 4 8 22 12 16 22 20 24

- A. 28 32
- B. 28 22
- C. 22 28
- D. 32 36
- E. 22 26

Answer: Option C

This is an alternating repetition series, with a random number, 22, interpolated as every third number into an otherwise simple addition series. In the addition series, 4 is added to each number to arrive at the next number.

18. 40 40 31 31 22 22 13

- A. 13 4
- B. 13 5
- C. 4 13
- D. 9 4
- E. 4 4

Answer: Option A

This is a subtraction series with repetition. Each number repeats itself and then decreases by 9.

19. 1 10 7 20 13 30 19

- A. 26 40
- B. 29 36
- C. 40 25
- D. 25 31
- E. 40 50

Answer: Option C

Here, every other number follows a different pattern. In the first series, 6 is added to each number to arrive at the next. In the second series, 10 is added to each number to arrive at the next.

20. 10 20 25 35 40 50 55

- A. 70 65
- B. 60 70
- C. 60 75
- D. 60 65
- E. 65 70

Answer: Option E

This is an alternating addition series, in which 10 is added, then 5, then 10,

**LOOK CAREFULLY FOR THE PATTERN, AND THEN CHOOSE WHICH PAIR OF NUMBERS COMES NEXT.**

1. 42 40 38 35 33 31 28

A. 25 22

B. 26 23

C. 26 24

D. 25 23

E. 26 22

Answer: Option C

This is an alternating subtraction series in which 2 is subtracted twice, then 3 is subtracted once, then 2 is subtracted twice, and so on.

2. 6 10 14 18 22 26 30

A. 36 40

B. 33 37

C. 38 42

D. 34 36

E. 34 38

Answer: Option E

This simple addition series adds 4 to each number to arrive at the next.

3. 8 12 9 13 10 14 11

A. 14 11

B. 15 12

C. 8 15

D. 15 19

E. 8 5

Answer: Option B

This is an alternating addition and subtraction series, in which the addition of 4 is alternated with the subtraction of 3.

4. 36 31 29 24 22 17 15

A. 13 11

B. 10 5

C. 13 8

D. 12 7

E. 10 8

Answer: Option E

This is an alternating subtraction series, which subtracts 5, then 2, then 5, and so on.

5. 3 5 35 10 12 35 17

- A. 22 35
- B. 35 19
- C. 19 35
- D. 19 24
- E. 22 24

Answer: Option C

This is an alternating addition series, with a random number, 35, interpolated as every third number. The pattern of addition is to add 2, add 5, add 2, and so on.

The number 35 comes after each "add 2" step/

6. 13 29 15 26 17 23 19

- |    |       |    |       |
|----|-------|----|-------|
| A. | 21 23 | B. | 20 21 |
| C. | 20 17 | D. | 25 27 |
| E. | 22 20 |    |       |

Answer: Option B

Here, there are two alternating patterns, with every other number following a different pattern. The first pattern begins with 13 and adds 2 to each number to arrive at the next; the alternating pattern begins with 29 and subtracts 3 each time.

7. 14 14 26 26 38 38 50

- |    |       |    |       |
|----|-------|----|-------|
| A. | 60 72 | B. | 50 62 |
| C. | 50 72 | D. | 62 62 |
| E. | 62 80 |    |       |

Answer: Option B

In this simple addition with repetition series, each number in the series repeats itself, and then increases by 12 to arrive at the next number.

8. 44 41 38 35 32 29 26

- A. 24 21
- B. 22 19
- C. 23 19
- D. 29 32
- E. 23 20

Answer: Option E

This is a simple subtraction series, in which 3 is subtracted from each number to arrive



at the next.

9. 34 30 26 22 18 14 10

- A. 8 6
- B. 6 4
- C. 14 18
- D. 6 2
- E. 4 0

Answer: Option D

This is a simple subtraction series, in which 4 is subtracted from each number to arrive at the next.

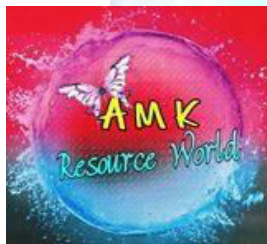
10. 32 31 32 29 32 27 32

- |    |       |    |       |
|----|-------|----|-------|
| A. | 25 32 | B. | 31 32 |
| C. | 29 32 | D. | 25 30 |
| E. | 29 30 |    |       |

Answer: Option A

This is an alternating repetition series. The number 32 alternates with a series in which each number decreases by 2.

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