

WRONG SERIES

1.

8.1, 9.2, 17.3, 26.5, 43.8, 71.5, 114.1

- a) 17.3
- b) 26.5
- c) 43.8
- d) 9.2
- e) 71.5

Sol. e)

The pattern of the series is

$$8.1 + 9.2 = 17.3$$

$$17.3 + 9.2 = 26.5$$

$$26.5 + 17.3 = 43.8$$

$$43.8 + 26.5 = 70.3 \neq 71.5$$

$$70.3 + 43.8 = 114.1$$

So 71.5 is wrong

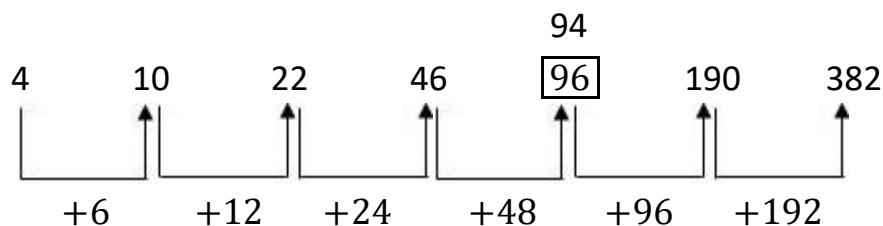
2.

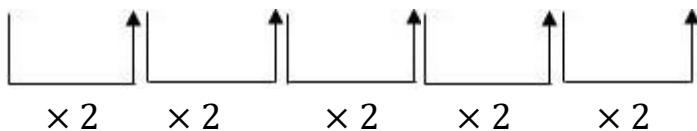
4, 10, 22, 46, 96, 190, 382

- a) 4
- b) 10
- c) 96
- d) 382
- e) 22

So. C)

The pattern of the series is





So 96 is wrong

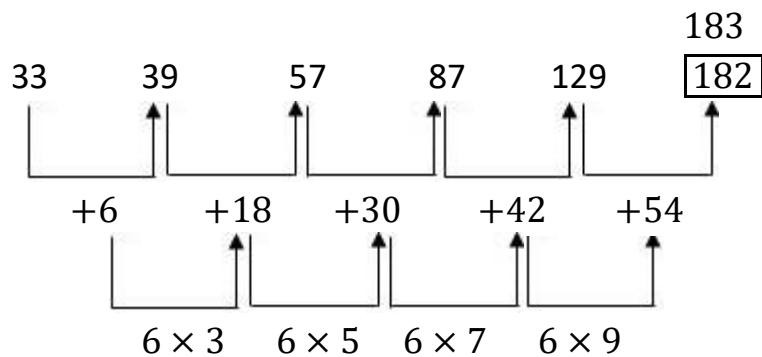
3.

33, 39, 57, 87, 129, 182

- a) 57
- b) 129
- c) 182
- d) 39
- e) 33

Sol. c)

The pattern of the series is



So 182 is wrong

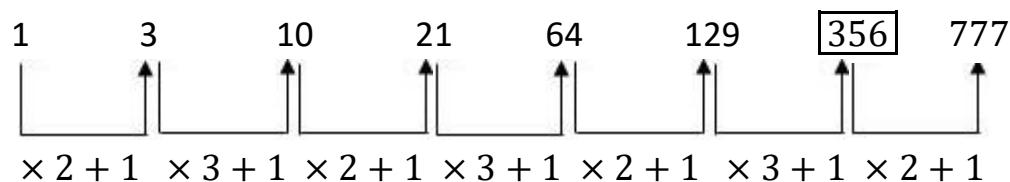
4.

1, 3, 10, 21, 64, 129, 356, 777

- a) 21
- b) 129
- c) 10
- d) 356
- e) 64

Sol. d)

The pattern of the series is



So 356 is wrong

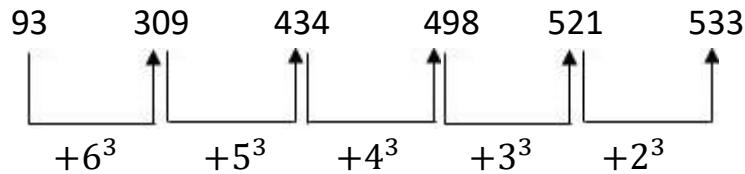
5.

93, 309, 434, 498, 521, 533

- a) 309
- b) 434
- c) 498
- d) 521
- e) 93

Sol. d)

The pattern of the series is



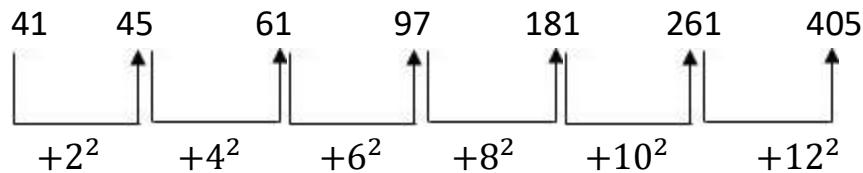
So, 521 is wrong

6.

41 45 61 97 181 261 405

- a) 181
- b) 97
- c) 261
- d) 61
- e) 45

Sol. a) here,



So, at the place of 181, there should be 161.

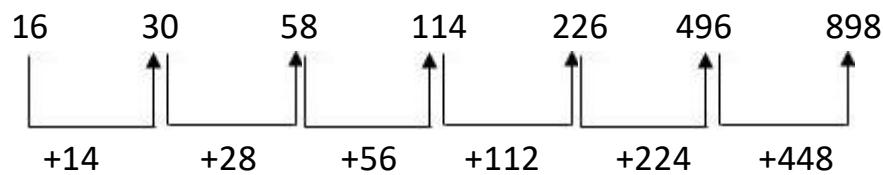
7.

16 30 58 114 226 496 898

- a) 58
- b) 226

- c) 30
- d) 114
- e) 496

Sol. e) Here



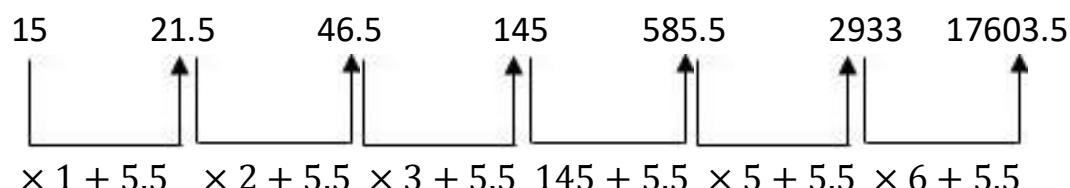
So, at the place of 496, there should be $226+224 = 450$

8.

15 21.5 46.5 145 585.5 2933 17603.5

- a) 585.5
- b) 2933
- c) 46.5
- d) 145
- e) 21.5

Sol. e) Here,



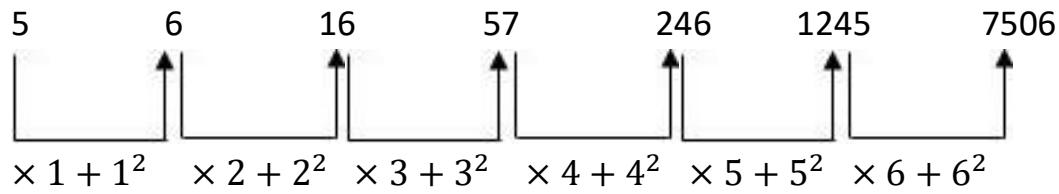
So, at the place of 21.5, there should be $15+5.5=20.5$

9.

5 6 16 57 246 1245 7506

- a) 16
- b) 6
- c) 1245
- d) 246
- e) 57

Sol. d) here



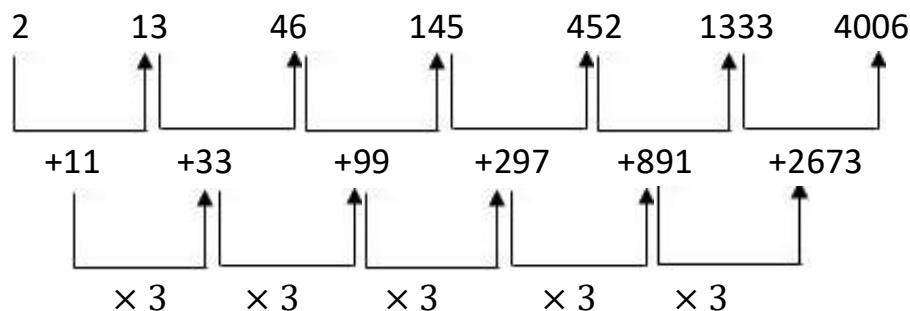
Hence at the place of 246, there should be 244

10.

2 13 46 145 452 1333 4006

- a) 1333
- b) 452
- c) 46
- d) 145
- e) 13

Sol. b) Here



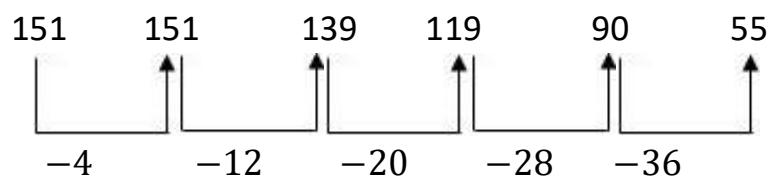
So, at the place of 452, there should be 442.

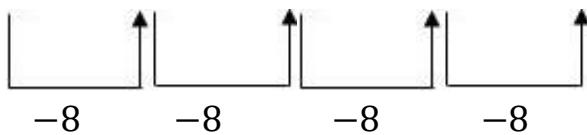
11.

155 151 139 119 90 55

- a) 55
- b) 119
- c) 90
- d) 139
- e) 151

Sol. c) Here,





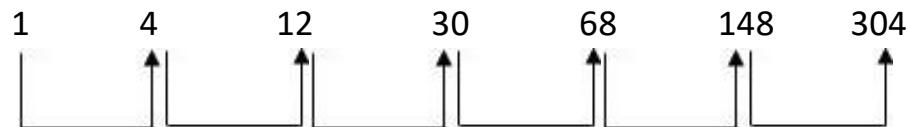
So, at the place of 90, there should be 91.

12.

1 4 12 30 68 148 304

- a) 4
- b) 12
- c) 30
- d) 68
- e) 148

Sol. Here,



$$\times 2 + 2 \quad \times 2 + 4 \quad \times 2 + 6 \quad \times 2 + 8 \quad \times 2 + 10 \quad \times 2 + 12$$

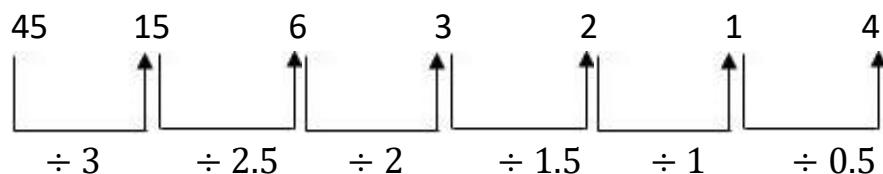
So, at the place of 148, there should be 146.

13.

45 15 6 3 2 1 4

- a) 15
- b) 3
- c) 2
- d) 1
- e) 6

Sol. d) Here



So, at the place of 1, there should be 2.

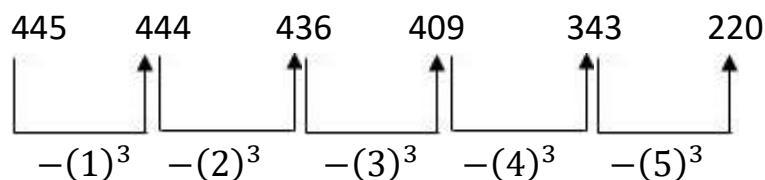
14.

445 444 436 409 343 220

- a) 409

- b) 343
- c) 436
- d) 444
- e) 220

Sol. b) here



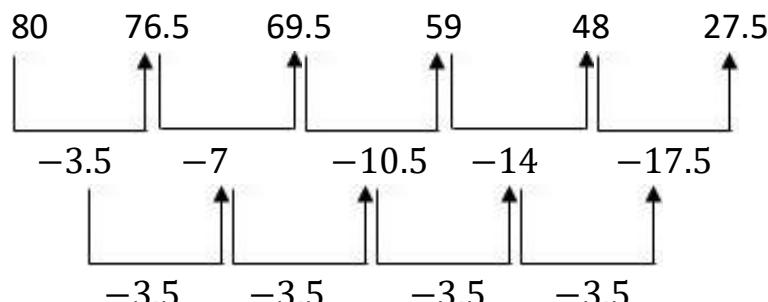
So, at the place of 343, there should be 345.

15.

80 76.5 69.5 59 48 27.5

- a) 275
- b) 59
- c) 76.5
- d) 48
- e) 69.5

Sol. d) here



So, at the place of 48, there should be 45.

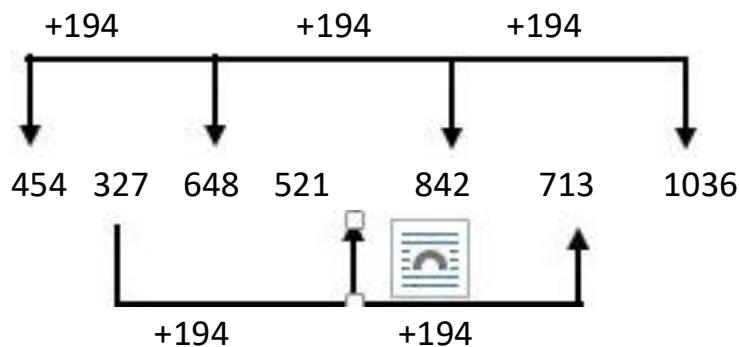
16.

454 327 648 521 842 713 1036

- a) 327
- b) 648
- c) 521
- d) 842
- e) 713

Sol. e)

Here the pattern for the given series is as follows



So, at the place of 713, there should be 715

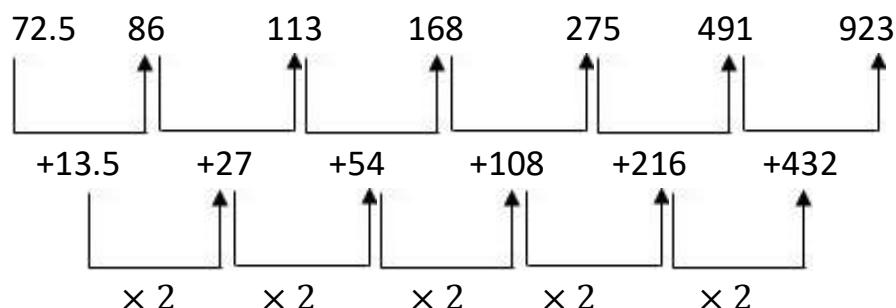
17.

72.5 86 113 168 275 491 923

- a) 86
- b) 113
- c) 168
- d) 275
- e) 491

Sol. c)

Here the given pattern is as follow



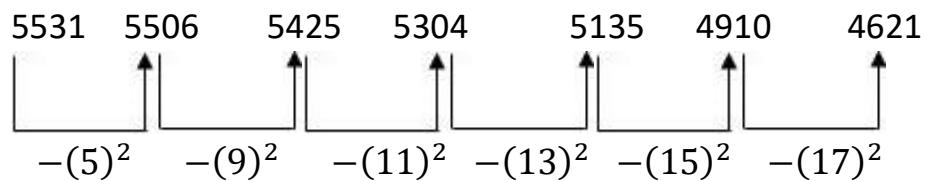
So, at the place of 168, there should be 167

18.

5531 5506 5425 5304 5135 4910 4621

- a) 5531
- b) 5425
- c) 4621
- d) 5135
- e) 5506

Sol. a) Here



So, at the place 5531, there should be 5555

$$\text{AS } 5555 - 49 = 5506$$

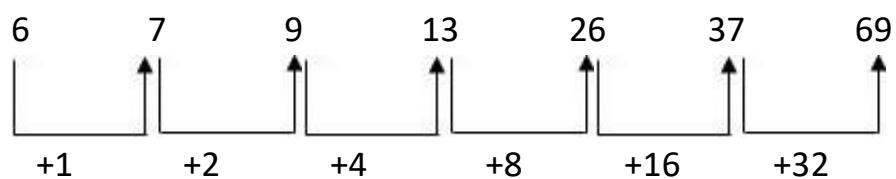
19.

6 7 9 13 26 37 69

- a) 7
- b) 26
- c) 69
- d) 37
- e) 9

Sol. b)

Here, pattern for the given series is as follows



Hence instead of 26, there should be 21

20.

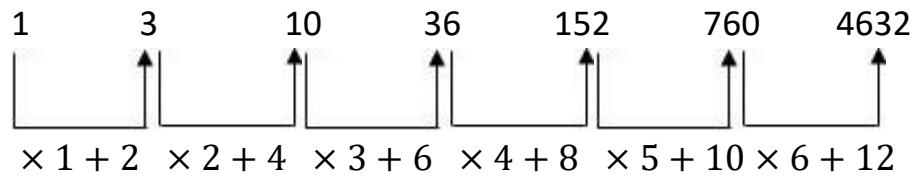
1 3 10 36 152 760 4632

- a) 3
- b) 36
- c) 4632
- d) 760

e) 152

Sol. d)

Here, Pattern for the given series is as follows



So, instead of 760, there should be 770.

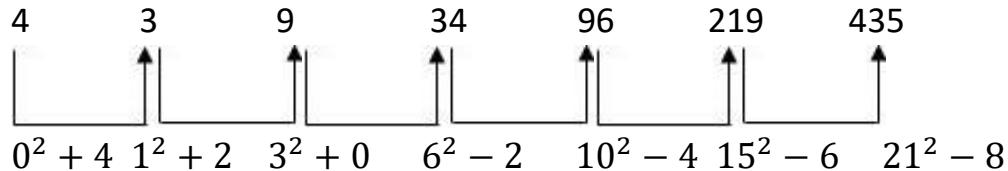
21.

4 3 9 34 96 219 435

- a) 4
- b) 9
- c) 34
- d) 435
- e) 219

Sol. d)

Here pattern for the given series is as follows



Hence at the place 435, there should be 433.

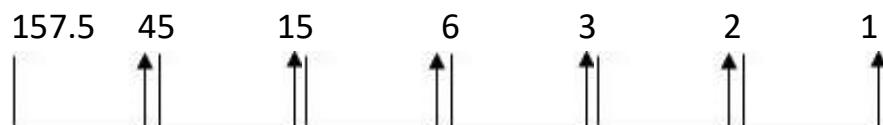
22.

157.5 45 15 6 3 2 1

- a) 1
- b) 2
- c) 6
- d) 157.5
- e) 45

Sol. a)

Here, pattern for the given series is as follows



$$+3.5 \quad +3 \quad +2.5 \quad +2 \quad +1.5 \quad +1$$

So, At the place of 1 there should be 2.

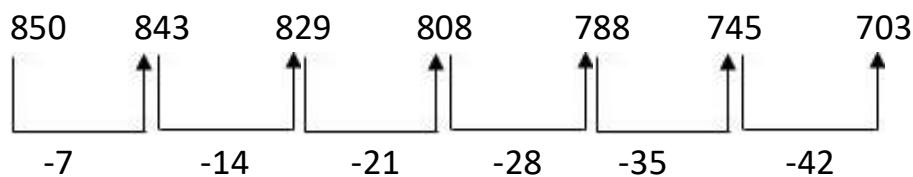
23.

850 843 829 808 788 745 703

- a) 843
- b) 839
- c) 808
- d) 788
- e) 745

Sol. d)

Here, the pattern of the given number series is as follows



So, at the place of 788, there should be

$$808 - 28 = 780$$

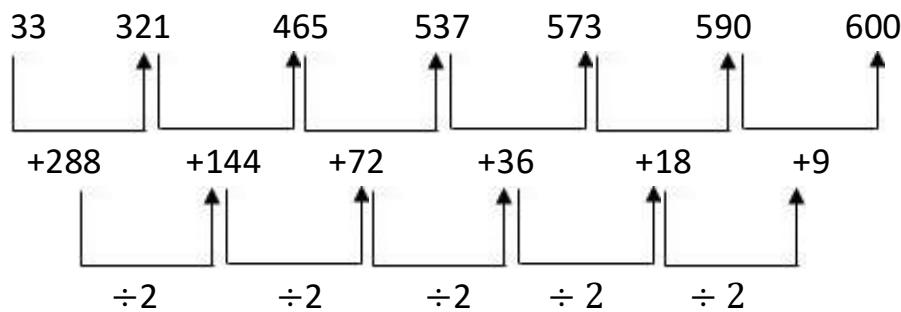
24.

33 321 465 537 573 590 600

- a) 321
- b) 465
- c) 573
- d) 537
- e) 590

Sol. e)

Here, pattern for the given series is as follows



So, At the place of 590 there should be 591.

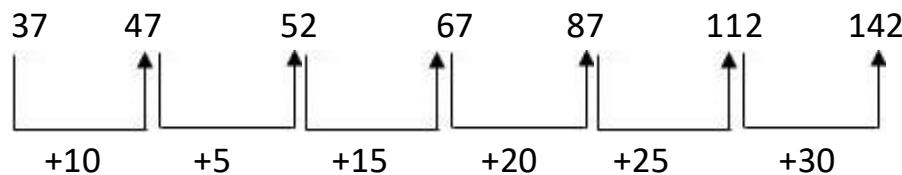
25.

37 47 52 67 87 112 142

- a) 47
- b) 52
- c) 67
- d) 87
- e) 112

Sol. a)

Here pattern for the given series is as follows



So, at the place of 47, there should be 42

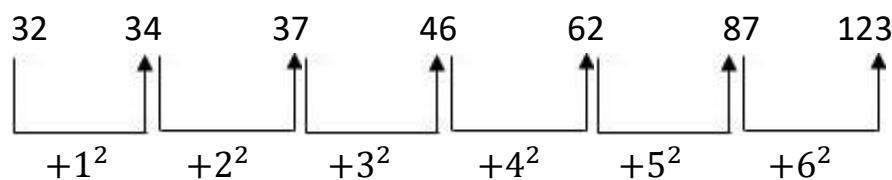
26.

32 34 37 46 62 87 123

- a) 34
- b) 37
- c) 62
- d) 87
- e) 46

Sol. a)

Here, pattern for the given series is as follows



So, at the place of 34, there should be 33

27.

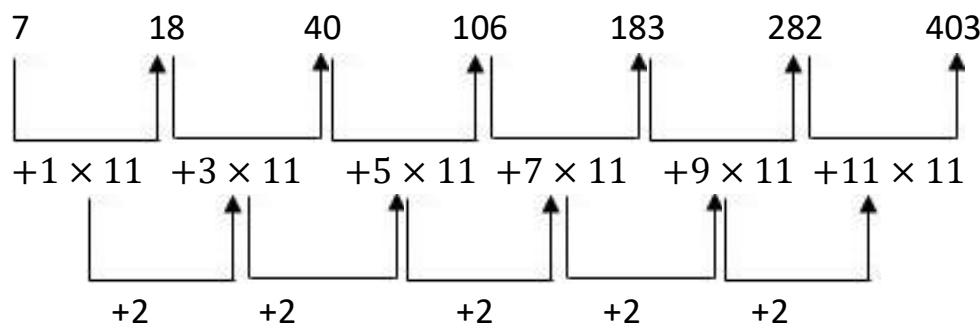
7 18 40 106 183 282 403

- a) 18
- b) 282

- c) 40
- d) 106
- e) 183

Sol. c)

Here, pattern for the given series is as follows



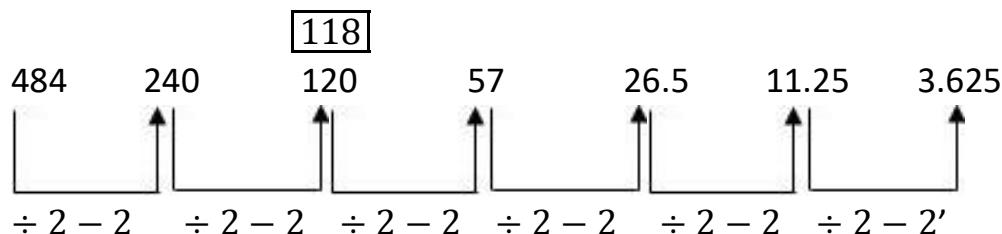
So, at the place of 40, there should be 51.

28.

484 240 120 57 26.5 11.25 3.625

- a) 240
- b) 120
- c) 57
- d) 26.5
- e) 11.25

Sol. b)



So, at the place of 120, there should be 118.

29.

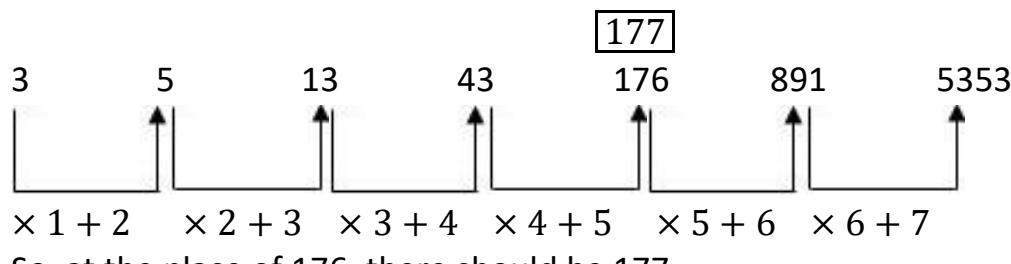
3 5 13 43 176 891 5353

- a) 5
- b) 13
- c) 43

d) 176

e) 891

Sol. d) here



So, at the place of 176, there should be 177.

30.

6 7 16 41 90 154 292

a) 7

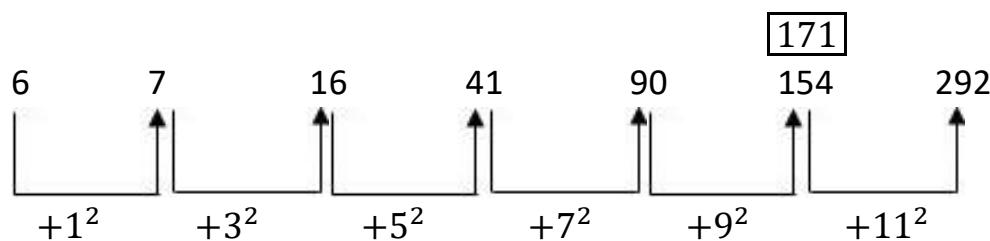
b) 16

c) 41

d) 90

e) 154

Sol. e) Here



Hence in place of 154, there should be 171.

31.

5 7 16 57 244 1245 7506

a) 7

b) 16

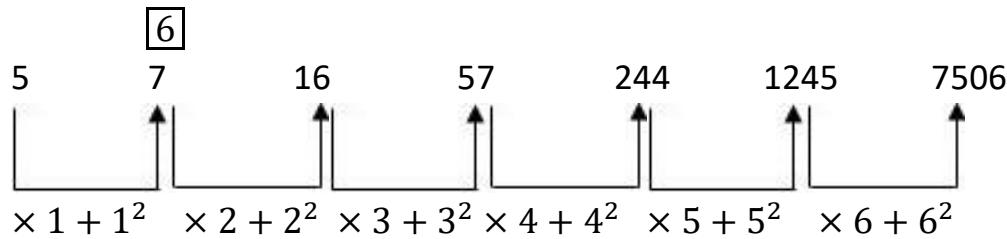
c) 57

d) 244

e) 1245

Sol. a)

Here, pattern follows as



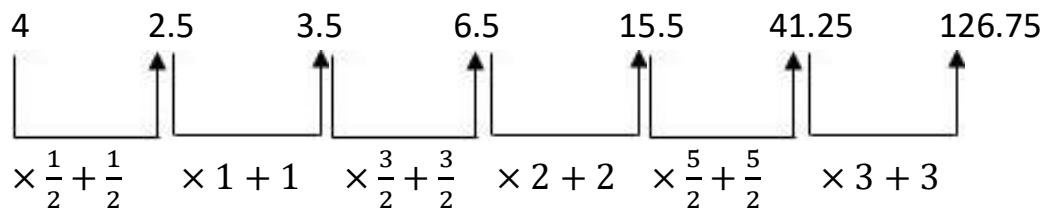
So, at the place of 7 there should be 6.

32.

4 2.5 3.5 6.5 15.5 41.25 126.75

- a) 2.5
- b) 3.5
- c) 6.5
- d) 15.5
- e) 41.25

Sol. c) here



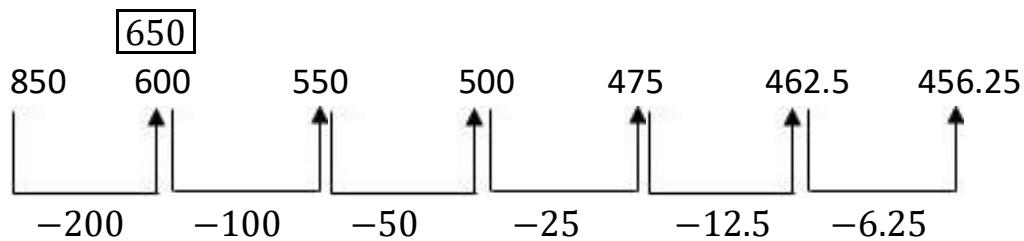
Hence in place of 6.5. there should be 6.75.

33.

850 600 550 500 475 462.5 456.25

- a) 600
- b) 550
- c) 500
- d) 462.5
- e) None of these

Sol. a) here



So, wrong number = 600

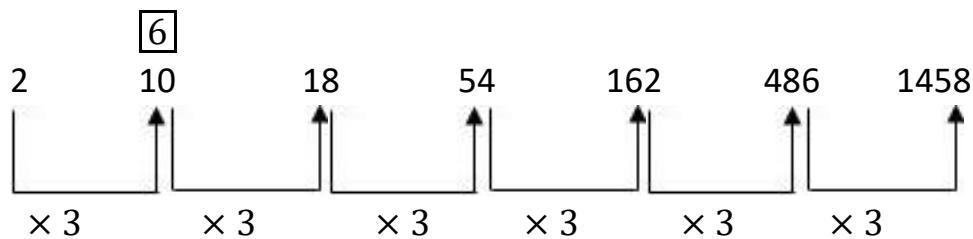
Correct number = $850 - 200 = 650$

34.

2 10 18 54 162 486 1458

- a) 18
- b) 54
- c) 162
- d) 10
- e) None of these

Sol. d) here



So, wrong number = 10

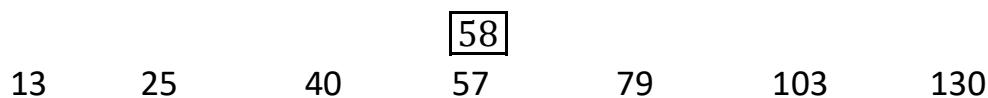
Correct number = $2 \times 3 = 6$

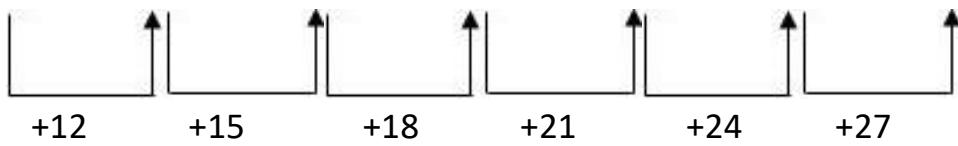
35.

13 25 40 57 79 103 130

- a) 25
- b) 40
- c) 57
- d) 79
- e) None of these

Sol. c) here





So, wrong number = 57

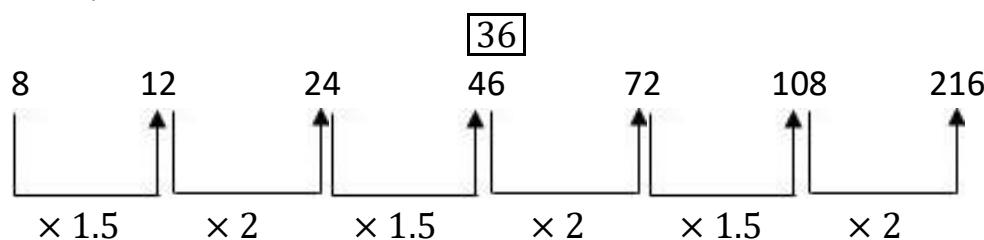
Correct number = $40 + 18 = 58$

36.

8 12 24 46 72 108 152

- a) 12
- b) 24
- c) 46
- d) 72
- e) None of these

Sol. c) here



So, wrong number = 46

Correct number = $24 \times 15 = 36$

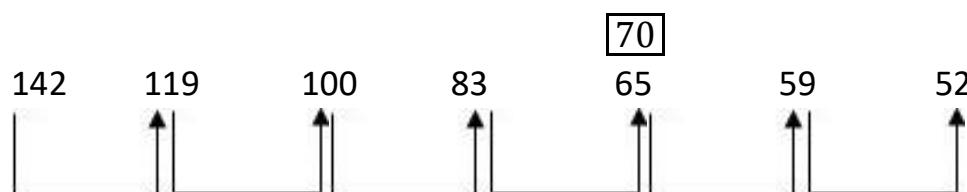
37.

142 119 100 83 65 59 52

- a) 65
- b) 100
- c) 59
- d) 119
- e) None of these

Sol. a)

Here



-23 -19 -17 -13 -11 -7

So wrong number = 65

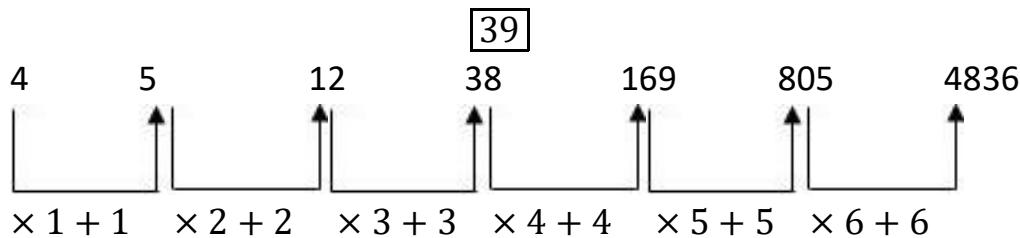
Correct number = $83 - 13 = 70$

38.

4 5 12 38 160 805 4836

- a) 12
- b) 160
- c) 38
- d) 805
- e) None of these

Sol. c) Here



Hence the wrong number = 38

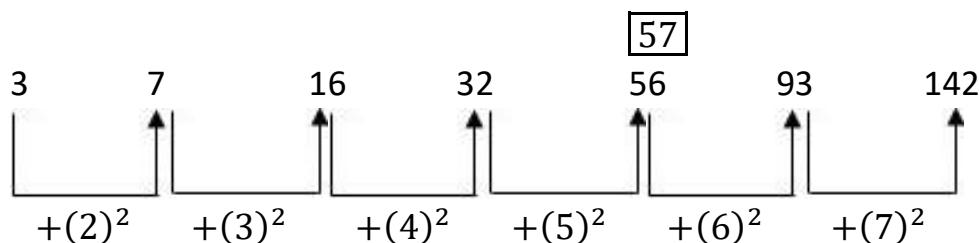
Right number = $12 \times 3 + 3 = 36 + 3 = 39$

39.

3 7 16 32 56 93 142

- a) 56
- b) 16
- c) 32
- d) 7
- e) None of these

Sol. a) here



Hence the wrong number is 56

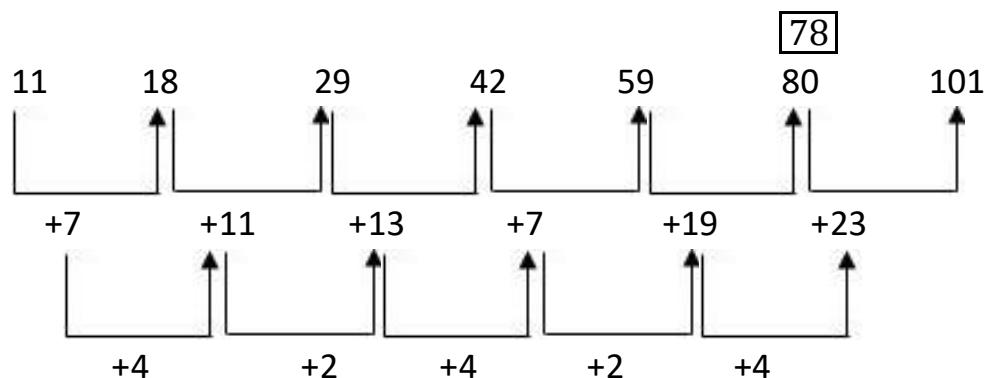
Right number = $32 + (5)^2 = 32 + 25 = 57$

40.

11 18 29 42 59 80 101

- a) 42
- b) 18
- c) 29
- d) 59
- e) None of these

Sol e) Here



Hence the wrong number = 80

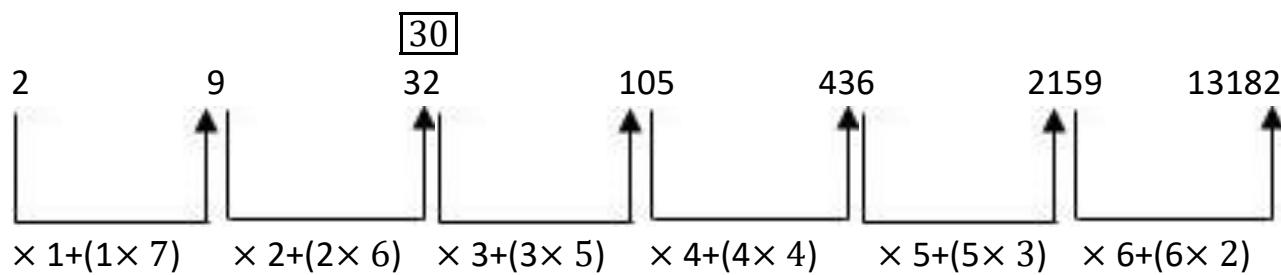
Right number = $59 + 19 = 78$

41.

2 9 32 105 436 2159 13182

- a) 436
- b) 2195
- c) 9
- d) 32
- e) None of these

Sol. d) Here



So, the wrong number is 32

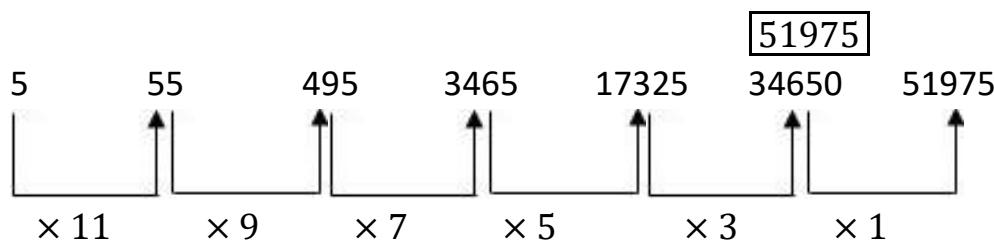
$$\begin{aligned}\text{Right number} &= 9 \times 2 + 2 \times 6 \\ &= 18 + 12 = 30\end{aligned}$$

42.

5 55 495 3465 17325 34650 51975

- a) 495
- b) 34650
- c) 55
- d) 17325
- e) None of these

Sol b) here



So the wrong number is 34650

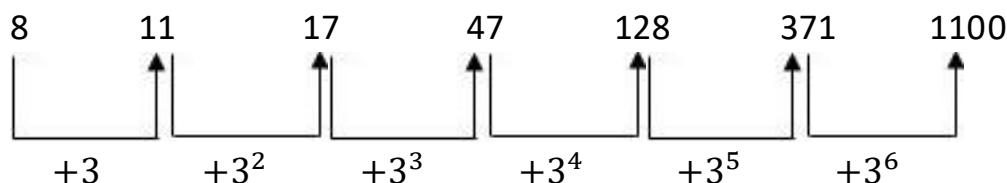
$$\text{Right number} = 17325 \times 3 = 51975$$

43.

8 11 17 47 128 371 1100

- a) 11
- b) 47
- c) 17
- d) 371
- e) 128

Sol. c) Here



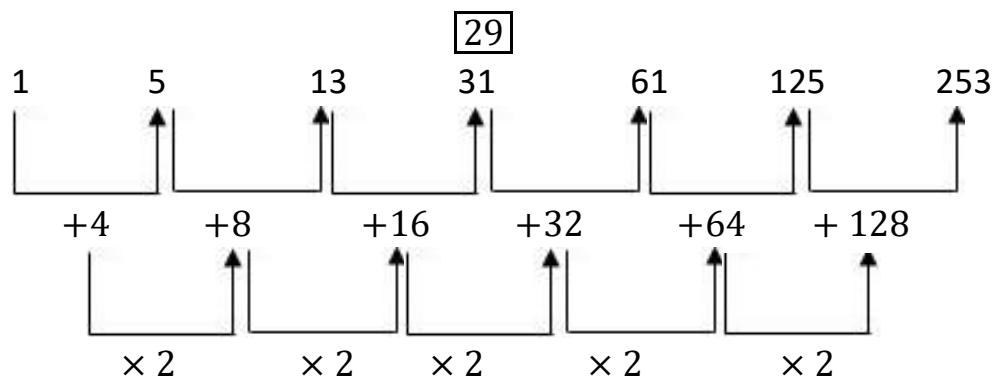
So, at the place of 17, there should be 20.

44.

1 5 13 31 61 125 253

- a) 1
- b) 5
- c) 31
- d) 61
- e) 125

Sol. c) here



Hence wrong number is 31.

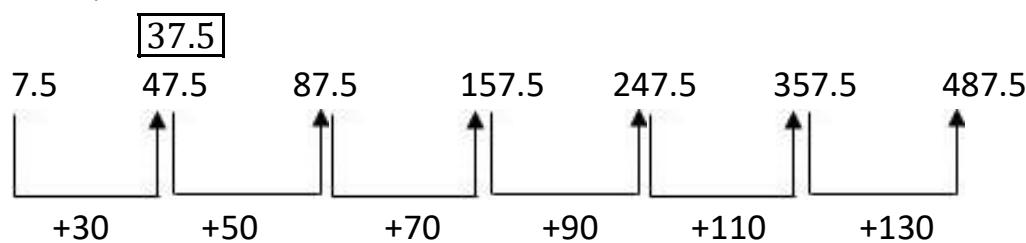
Right number = $13 + 16 = 29$

45.

7.5 47.5 87.5 157.5 247.5 357.5 487.5

- a) 357.5
- b) 87.5
- c) 157.5
- d) 7.5
- e) 47.5

Sol. e) Here



\therefore wrong number = 47.5

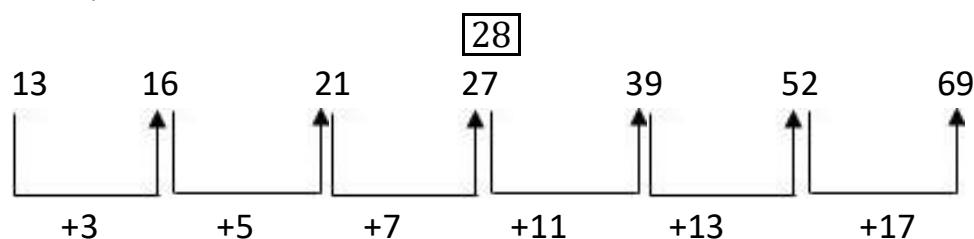
\therefore Right number = 37.5

46.

13 16 21 27 39 52 69

- a) 21
- b) 39
- c) 27
- d) 52
- e) 16

Sol. c)



\therefore Wrong number = 27

\therefore Righta number = $21 + 7 = 28$

47.

1500 1581 1664 1749 1833 1925 2016

- a) 1581
- b) 1664
- c) 1833
- d) 1925
- e) 1749

Sol. c)

$$1400 + (10)^2 = 1500$$

$$1500 + (9)^2 = 1581$$

$$1600 + (8)^2 = 1664$$

$$1700 + (7)^2 = 1749$$

$$1800 + (6)^2 = 1836$$

$$1900 + (5)^2 = 1925$$

$$2000 + (4)^2 = 2016$$

\therefore wrong number = 1833

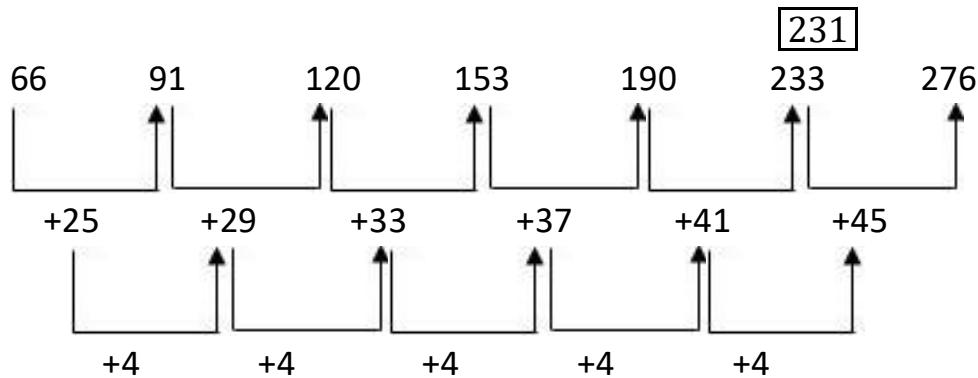
\therefore Right number = $1800 + (6)^2 = 1836$

48.

66 91 120 153 190 233 276

- a) 120
- b) 233
- c) 153
- d) 276
- e) 190

Sol. b) here



\therefore wrong number = 233

\therefore Right number = $190 + 41 = 231$

49.

1331 2197 3375 4914 6859 9261 12167

- a) 4914
- b) 6859
- c) 9261
- d) 2197
- e) 12167

Sol. a)

$$(11)^3 \rightarrow 1331$$

$$(13)^2 \rightarrow 2197$$

$$(15)^3 \rightarrow 3375$$

$$(17)^3 \rightarrow 4914(4913)$$

$$(19)^3 \rightarrow 6859$$

$$(21)^3 \rightarrow 9261$$

$$(23)^2 \rightarrow 12167$$

\therefore wrong number = 4914

\therefore Right number = $(17)^3 = 4913$

50.

439, 778, 1456, 2812, 5624

- a) 439
- b) 778
- c) 1456
- d) 2812
- e) 5624

SOL.

10). The series is +339, +678, +1356, +2712,

Hence, there should be 5524 in place of 5624.