

BEST DEFENCE BOOKS



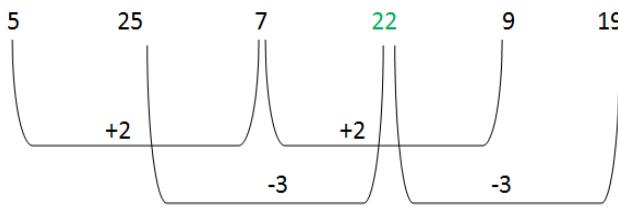
NUMBER SERIES

For AFCAT NDA CDS TA

1) 5, 25, 7, ___, 9, 19

- a) 23
- b) 22
- c) 25
- d) 32
- e) None of The Above

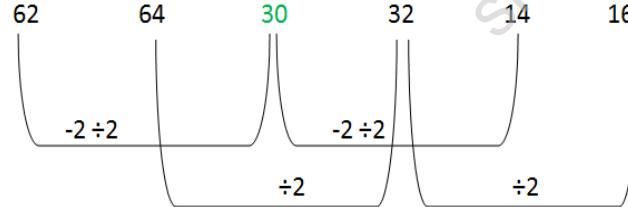
Solution (Option B)



2) 62, 64, ___, 32, 14, 16

- a) 26
- b) 28
- c) 30
- d) 32
- e) None of The Above

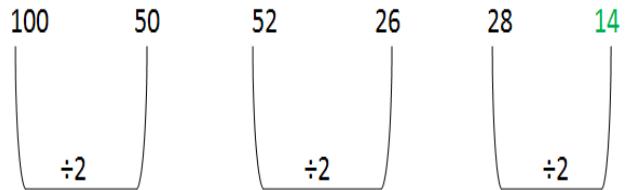
Solution (Option)



3) 100, 50, 52, 26, 28, ___,

- a) 30
- b) 32
- c) 14
- d) 16
- e) None of The Above

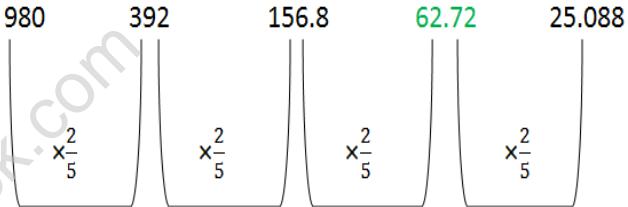
Solution (Option C)



4) 980, 392, 156.8, ___, 25.088, 10.0352

- a) 62.72
- b) 63.85
- c) 65.04
- d) 60.28
- e) None of The Above

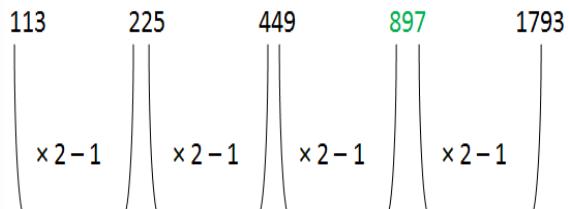
Solution (Option A)



5) 113, 225, 449, ___, 1793

- a) 789
- b) 786
- c) 897
- d) 987
- e) None of The Above

Solution (Option C)



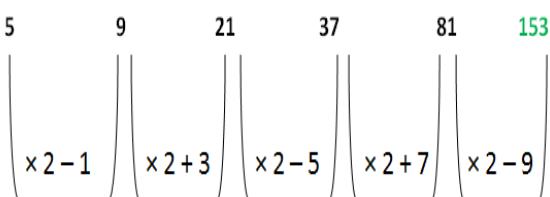
6) 5, 9, 21, 37, 81, ___,

- a) 163
- b) 153
- c) 181

d) 203

e) None of The Above

Solution (Option B)



7) 2, 10, 30, 68, _____

a) 126

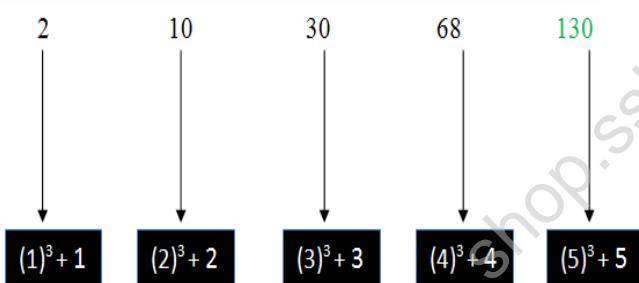
b) 130

c) 140

d) 150

e) None of The Above

Solution (Option B)



8) 45, 46, 70, 141, _____, 1061.5

a) 353

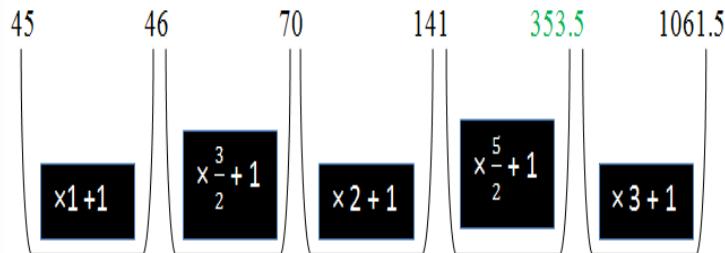
b) 353.5

c) 352.5

d) 352

e) None of The Above

Solution (Option B)



9) 33, 321, 465, 537, 573, _____

a) 600

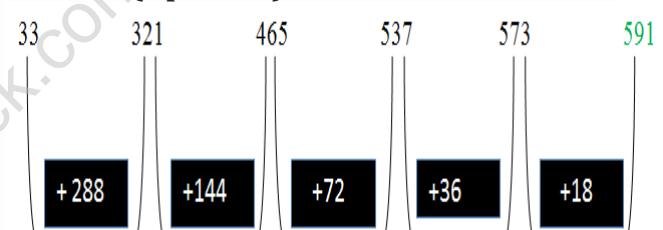
b) 591

c) 585

d) 498

e) None of The Above

Solution (Option B)



10) 2, 9, _____, 105, 436, 2195

a) 25

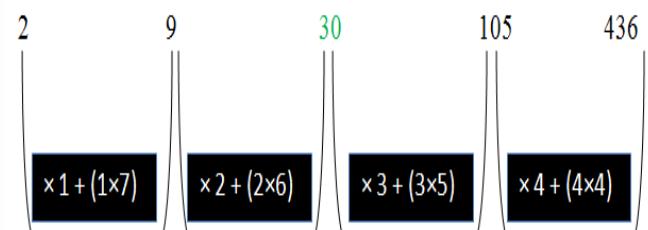
b) 27

c) 30

d) 33

e) None of The Above

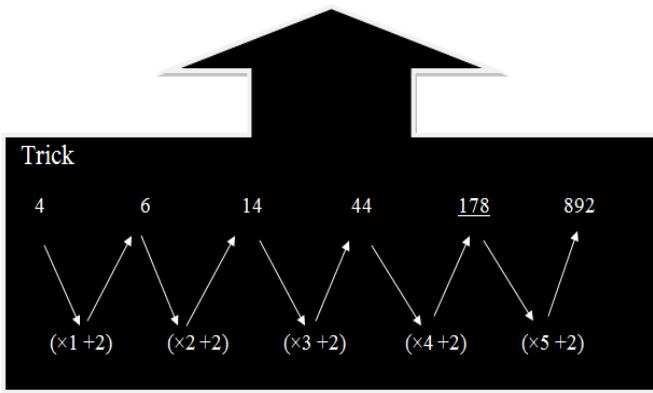
Solution (Option C)



11) 4 6 14 44 ? 892

- a) 176
 b) 172
 c) 178
 d) 1821
 e) None of The Above

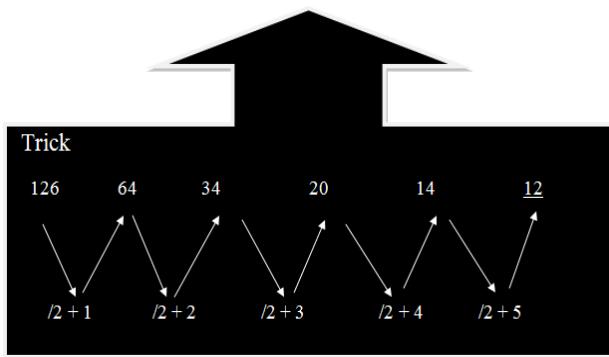
Solution (Option C)



$$12) \quad 126 \quad 64 \quad 34 \quad 20 \quad 14 \quad ?$$

- a) 12
 b) 14
 c) 16
 d) 18
 e) None of The Above

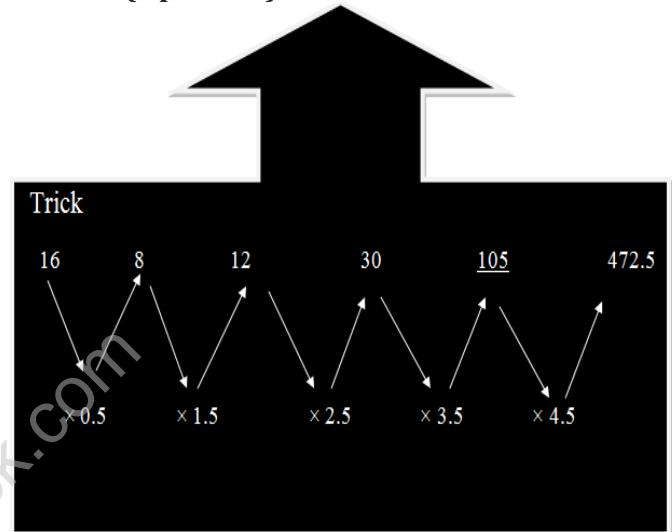
Solution (Option A)



$$13) \quad 16 \quad 8 \quad 12 \quad 30 \quad ? \quad 472.5$$

- a) 100
 b) 105
 c) 205
 d) 300
 e) None of The Above

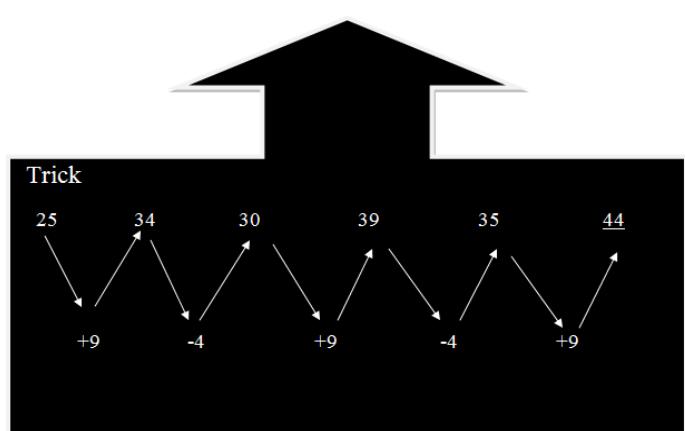
Solution (Option B)



$$14) \quad 25 \quad 34 \quad 30 \quad 39 \quad 35 \quad ?$$

- a) 45
 b) 44
 c) 46
 d) 50
 e) None of The Above

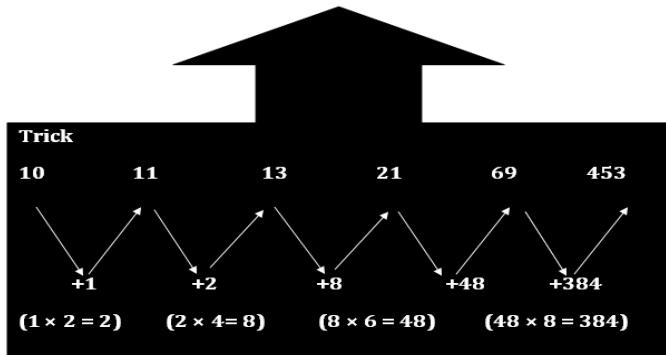
Solution (Option B)



15) 10, 11, 13, 21, 69, ?

- a) 384
- b) 490
- c) 453
- d) 390
- e) None of The Above

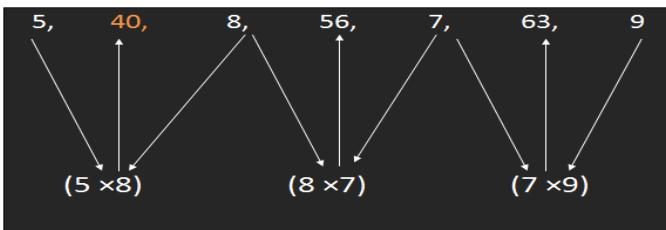
Solution (Option C)



16) 5,, 8, 56, 7, 63, 9?

- a) 45
- b) 35
- c) 40
- d) 42
- e) None of The Above

Solution (Option C)

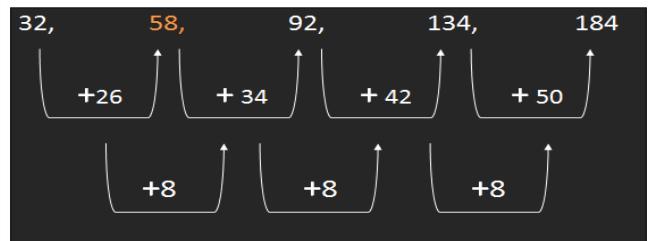


17) 32,, 92, 134, 184?

- a) 55
- b) 38
- c) 45
- d) 58

e) None of The Above

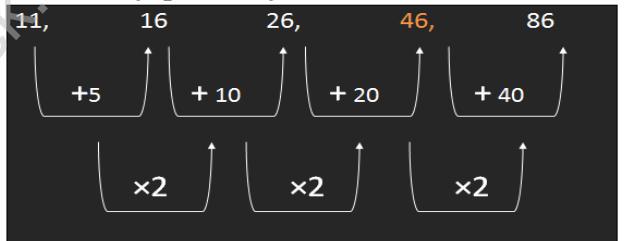
Solution (Option D)



18) 11, 16, 26,, 86?

- a) 46
- b) 56
- c) 76
- d) 86
- e) None of The Above

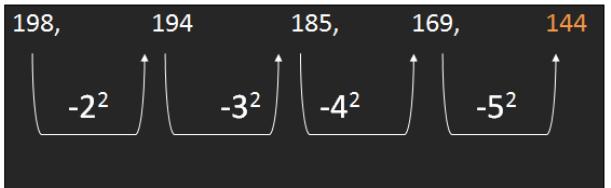
Solution (Option A)



19) 198, 194, 185, 169,?

- a) 154
- b) 165
- c) 144
- d) 134
- e) None of The Above

Solution (Option C)



20) 9050, 5675, 3478, 2147,?

- a) 3478
- b) 1418
- c) 2428
- d) 3678
- e) None of The Above

Solution (Option B)

9050,	5675,	3478,	2147,	1418
-15^3	-13^3	-11^3	-9^3	

21) 5, 17, 37, 65, , 145.

- a) 95
- b) 99
- c) 97
- d) 101
- e) None of The Above

Solution (Option D)

Pattern:- $2^2 + 1$, $4^2 + 1$, $6^2 + 1$, $8^2 + 1$, $10^2 + 1$, $12^2 + 1$.

22) 95, 115.5, 138, , 189.

- a) 154.5
- b) 164.5
- c) 162.5
- d) 166.5
- e) None of The Above

Solution (Option C)

Pattern:- +20.5, +22.5, +24.5, +26.5.

23) 3, 4.5, 9, 22.5, 67.5, , 945

- a) 265.25
- b) 236.25
- c) 225.36
- d) 150
- e) None of The Above

Solution (Option B)

3,	4.5,	9,	22.5,	67.5,	236.25,	945
↓	↓	↓	↓	↓	↓	↓
x1.5	x2	x2.5	x3	x3.5	x4	

24) 8544, 1420, 280, , 18, 5

- a) 33
- b) 44
- c) 56
- d) 66
- e) None of The Above

Solution (Option D)

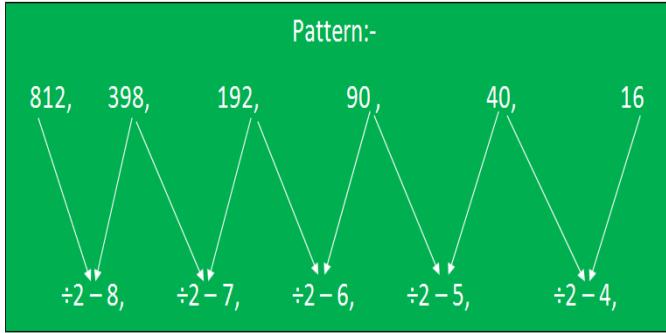
Pattern:-

8544,	1420,	280,	66,	18,	5
↓	↓	↓	↓	↓	↓
$\div 6 - 4$,	$\div 5 - 4$,	$\div 4 - 4$,	$\div 3 - 4$,	$\div 2 - 4$,	

25) 812, 398, , 90, 40, 16

- a) 192
 b) 182
 c) 172
 d) 162
 e) None of The Above

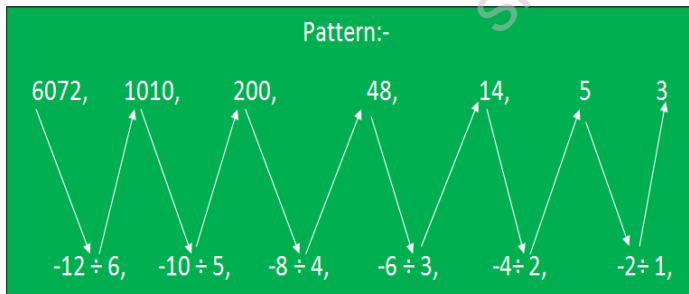
Solution (Option A)



26) 6072,, 200, 48, 14, 5, 3

- a) 1008
 b) 1010
 c) 1001
 d) 1005
 e) None of The Above

Solution (Option B)

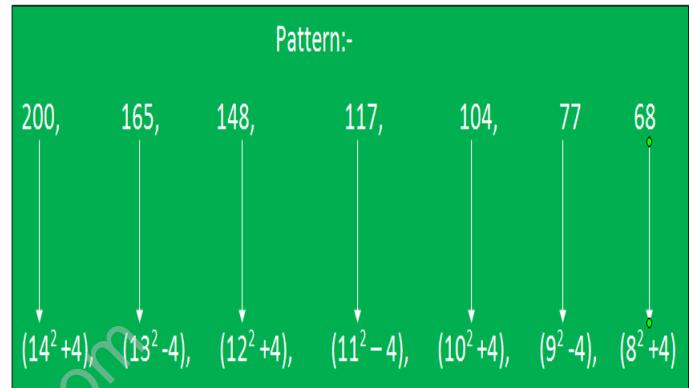


27) 200, 165, 148,, 104, 77, 68

- a) 115
 b) 116
 c) 117
 d) 118

- e) None of The Above

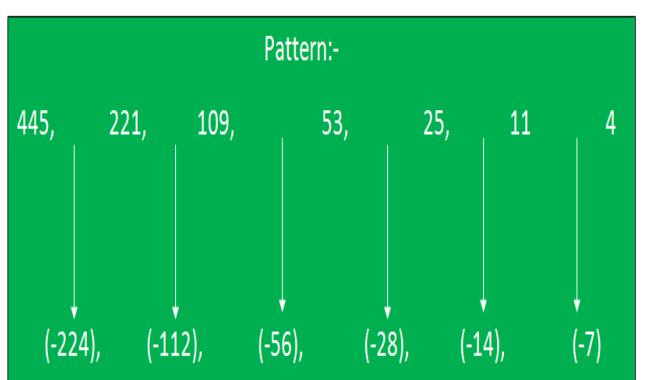
Solution (Option C)



28) 445, 221, 109,, 25, 11, 4

- a) 46
 b) 57
 c) 53
 d) 59
 e) None of The Above

Solution (Option C)

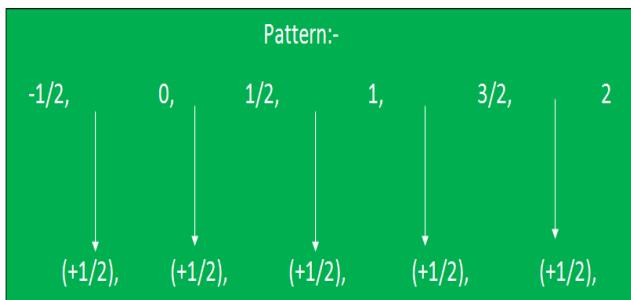


29) $-1/2, 0, 1/2, \dots, 3/2, 2$

- a) $1/2$
 b) $2/3$

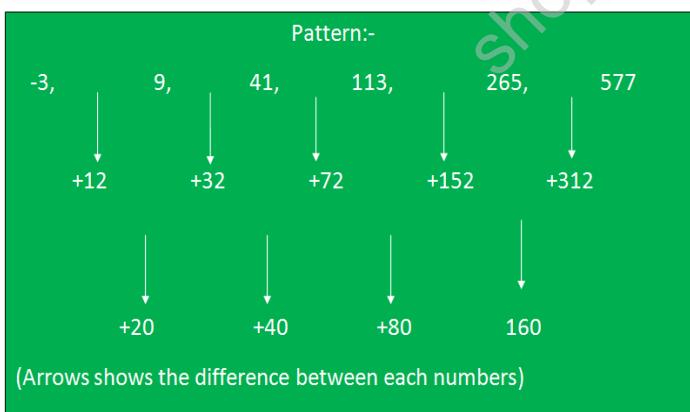
- c) $3/4$
d) 1
e) None of The Above

Solution (Option D)



- 30) 3, 9, 41, 113,, 577
a) 260
b) 265
c) 270
d) 275
e) None of The Above

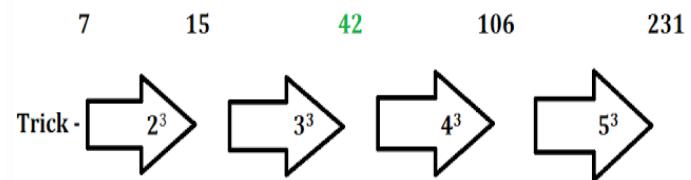
Solution (Option B)



- 31) 7, 15,, 106, 231
a) 32
b) 45
c) 42

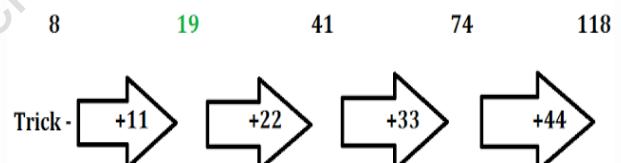
- d) 64
e) None of The Above

Solution (Option C)



- 32) 8,, 41, 74, 118
a) 29
b) 15
c) 22
d) 19
e) None of The Above

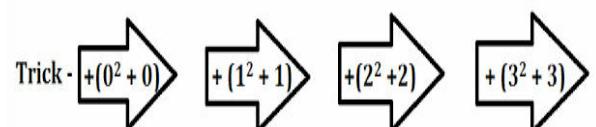
Solution (Option D)



- 33) 13,, 15, 21, 33
a) 12
b) 11
c) 13
d) 14
e) None of The Above

Solution (Option C)

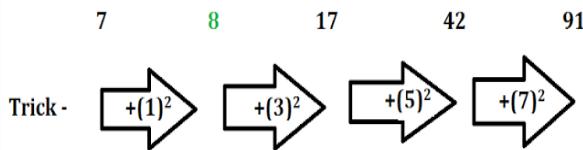
13 13 15 21 33



- 34) 7,, 17, 42, 91
a) 8

- b) 7
c) 9
d) 12
e) None of The Above

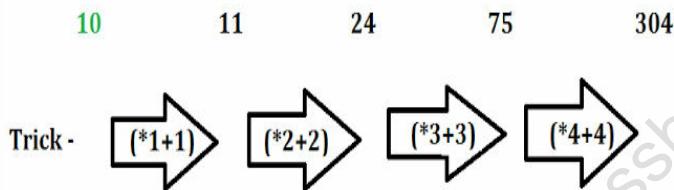
Solution (Option A)



35), 11, 24, 75, 304

- a) 8
b) 5
c) 10
d) 9
e) None of The Above

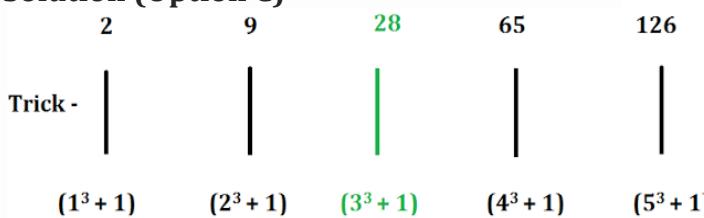
Solution (Option C)



36) 2, 9,, 65, 126

- a) 25
b) 22
c) 28
d) 30
e) None of The Above

Solution (Option C)

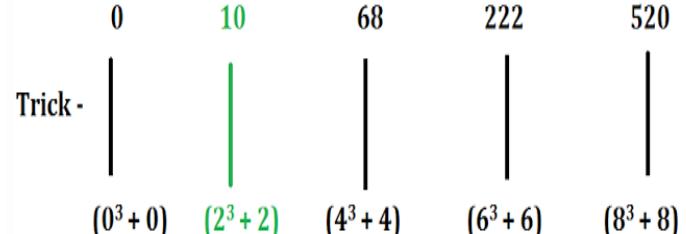


37) 0,, 68, 222, 520

- a) 3
b) 6

- c) 9
d) 10
e) None of The Above

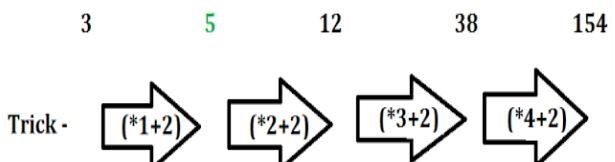
Solution (Option D)



38) 3,, 12, 38, 154

- a) 9
b) 12
c) 4
d) 5
e) None of The Above

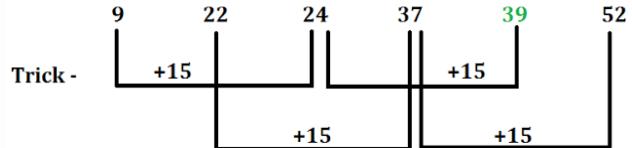
Solution (Option D)



39) 9, 22, 24, 37,, 52

- a) 39
b) 42
c) 45
d) 50
e) None of The Above

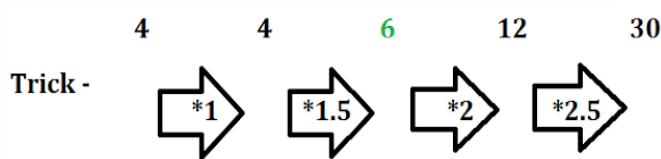
Solution (Option A)



40) 4, 4, , 12, 30

- a) 5
- b) 6
- c) 8
- d) 10
- e) None of The Above

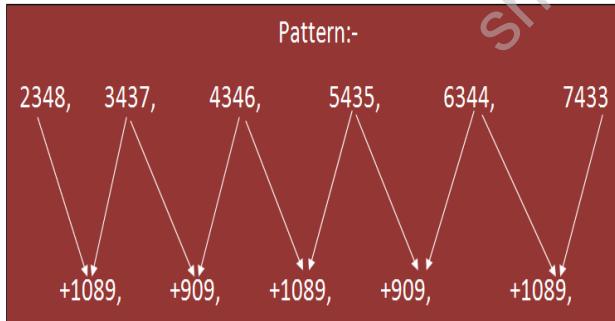
Solution (Option B)



41) 2348, 3437, 4346, , 6344, 7433

- a) 5425
- b) 5436
- c) 5456
- d) 5435
- e) None of The Above

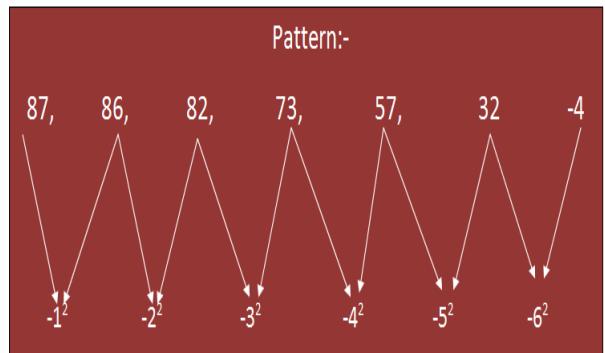
Solution (Option D)



42) 87, 86, 82, 73, 57, 32,

- a) -5
- b) -4
- c) 6
- d) 10
- e) None of The Above

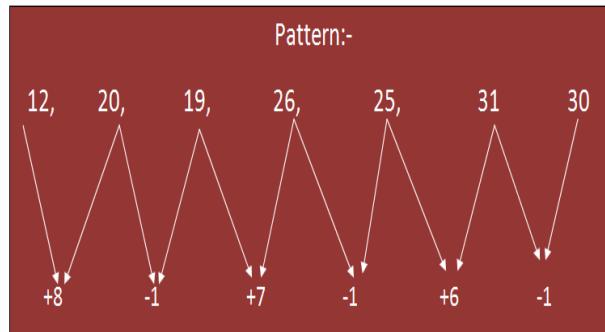
Solution (Option B)



43) 12, 20, 19, 26, , 31, 30

- a) 24
- b) 26
- c) 25
- d) 35
- e) None of The Above

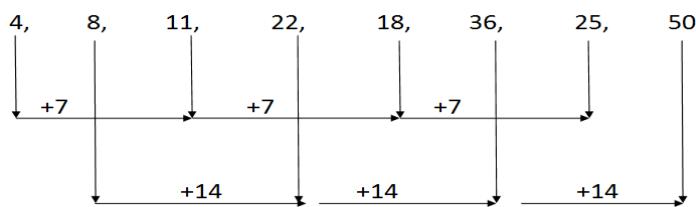
Solution (Option C)



44) 4, 8, 11, 22, 18, , 25, 50

- a) 36
- b) 35
- c) 46
- d) 56
- e) None of The Above

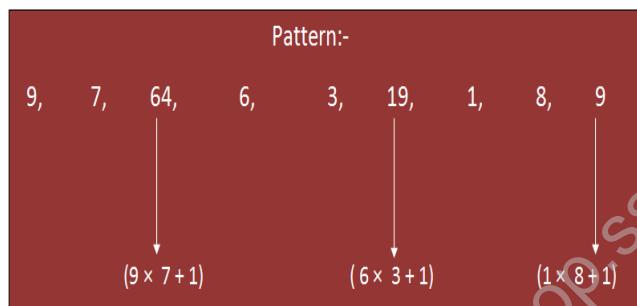
Solution (Option A)



- 45) 9, 7, 64, 6, 3, 1,
8, 9

- a) 28
- b) 16
- c) 18
- d) 19
- e) None of The Above

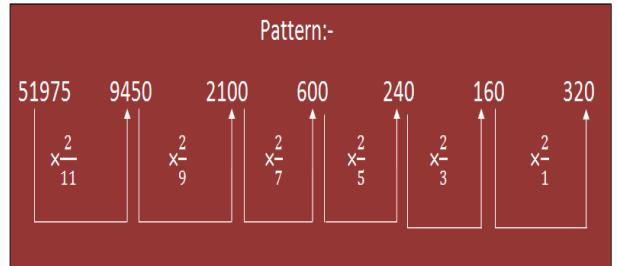
Solution (Option D)



- 46) 51975, 9450, 2100, 240, 160, 320

- a) 600
- b) 800
- c) 900
- d) 1000
- e) None of The Above

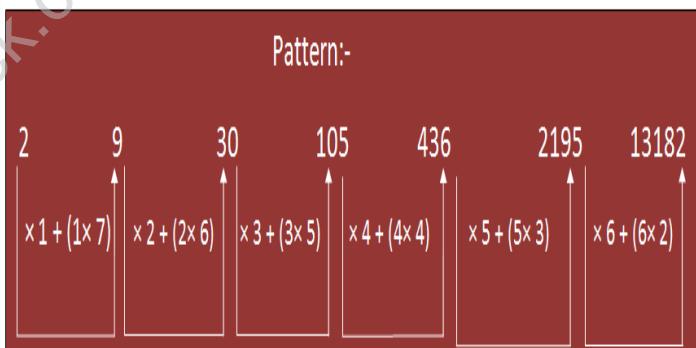
Solution (Option A)



- 47) 2, 9, 30, 105, 436, 2195,

- a) 13184
- b) 13186
- c) 13175
- d) 13182
- e) None of The Above

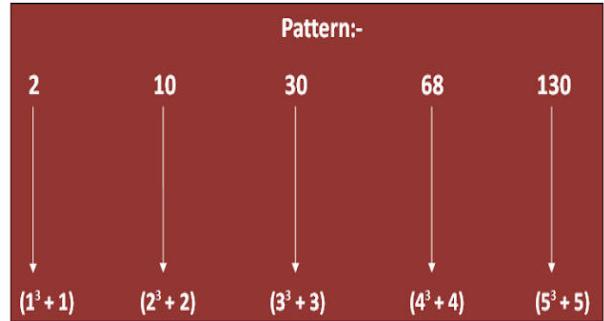
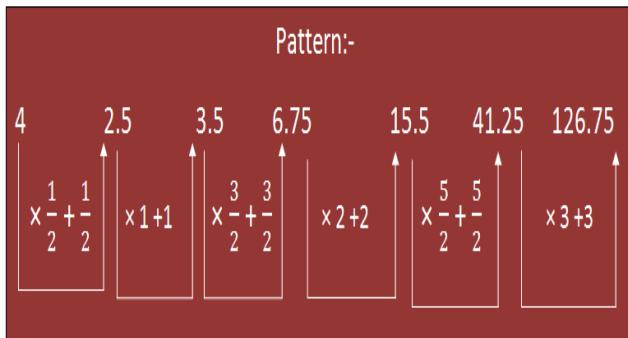
Solution (Option D)



- 48) 4, 2.5, 3.5, 6.75, 15.5, 41.25,

- a) 126.75
- b) 136.75
- c) 166.75
- d) 175.75
- e) None of The Above

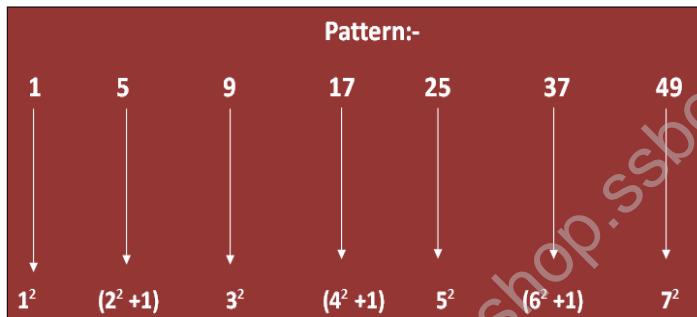
Solution (Option A)



49) 1, 5, 9, 17, 25,, 49

- a) 35
- b) 45
- c) 37
- d) 42
- e) None of The Above

Solution (Option C)



50) 2, 10, 30,, 130

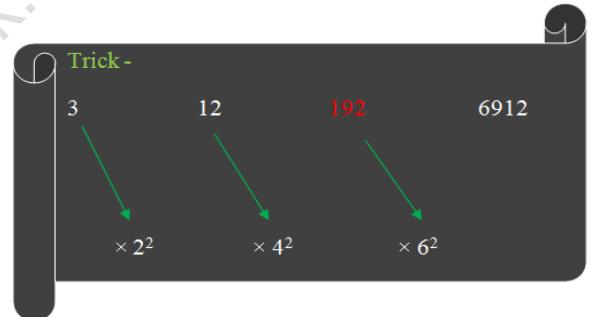
- a) 64
- b) 65
- c) 68
- d) 69
- e) None of The Above

Solution (Option C)

51) 3, 12, _____, 6912

- a) 192
- b) 194
- c) 196
- d) 212
- e) None of The Above

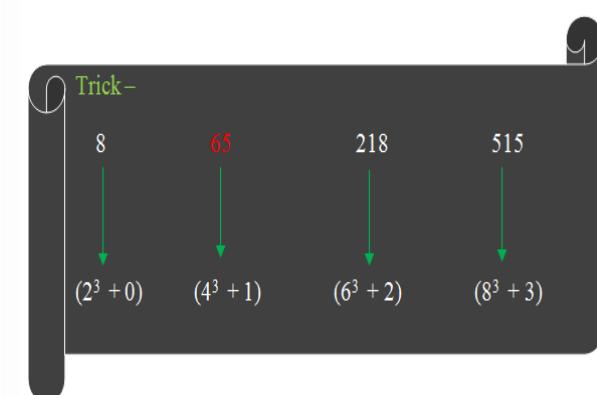
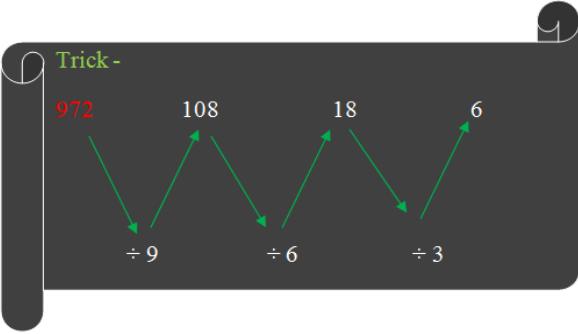
Solution (Option A)



52) _____, 108, 18, 6

- a) 960
- b) 900
- c) 918
- d) 972
- e) None of The Above

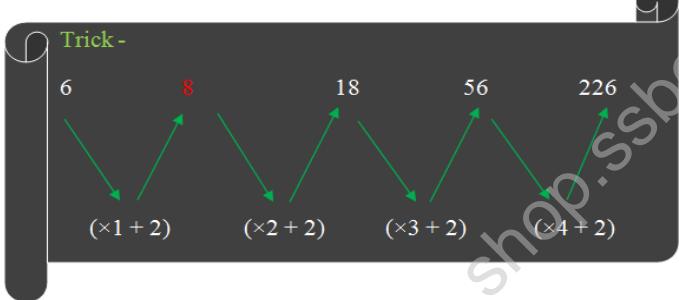
Solution (Option D)



53) 6, ____ 18, 56, 226

- a) 10
- b) 12
- c) 8
- d) 15
- e) None of The Above

Solution (Option C)



54) 8, ____ , 218, 515

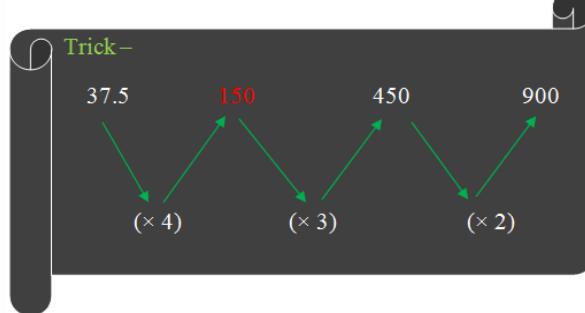
- a) 64
- b) 66
- c) 65
- d) 68
- e) None of The Above

Solution (Option C)

55) 37.5, ____ , 450, 900

- a) 125
- b) 150
- c) 200
- d) 250
- e) None of The Above

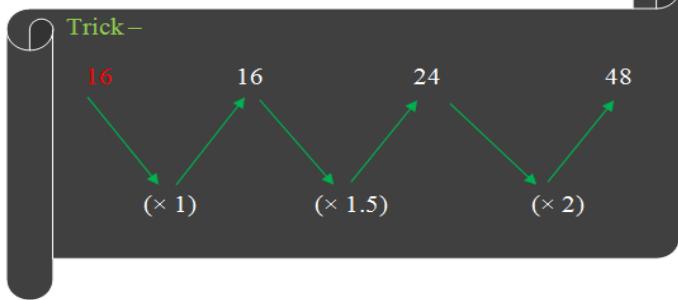
Solution (Option B)



56) ____ , 16, 24, 48

- a) 9
- b) 8
- c) 16
- d) 10
- e) None of The Above

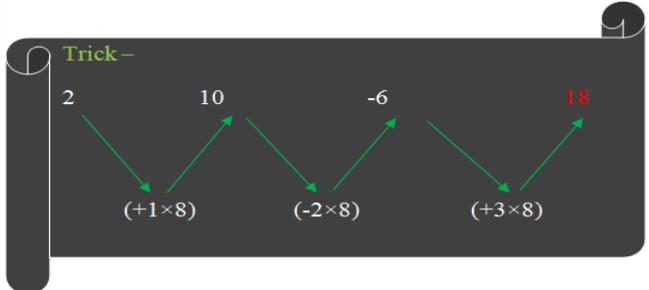
Solution (Option C)



59) 2, 10, -6, _____

- a) 12
- b) 10
- c) 28
- d) 18
- e) None of The Above

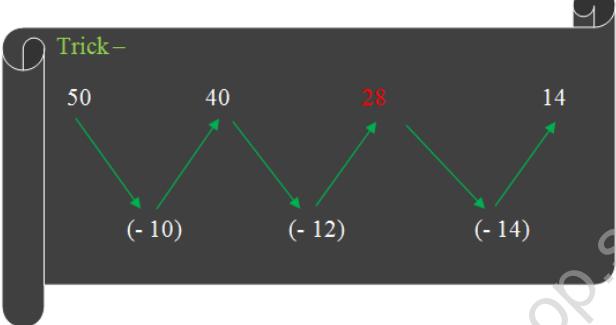
Solution (Option D)



57) 50, 40, _____, 14

- a) 30
- b) 28
- c) 20
- d) 60
- e) None of The Above

Solution (Option B)



60) _____, 4, 1.6, 0.64

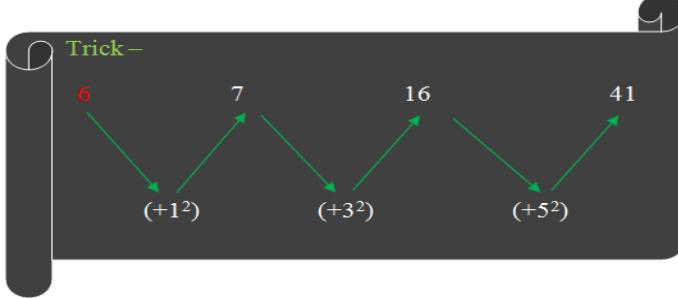
- a) 5
- b) 10
- c) 15
- d) 20
- e) None of The Above

Solution (Option B)

58) _____, 7, 16, 41

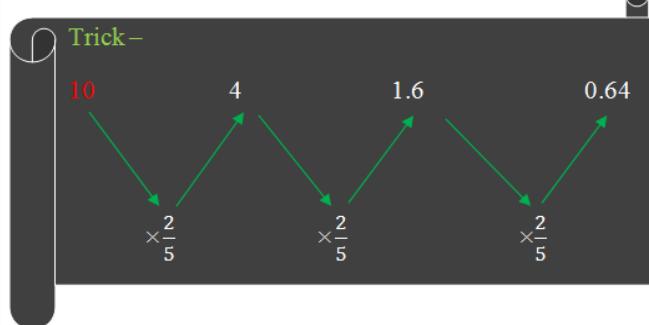
- a) 3
- b) 5
- c) 6
- d) 8
- e) None of The Above

Solution (Option C)



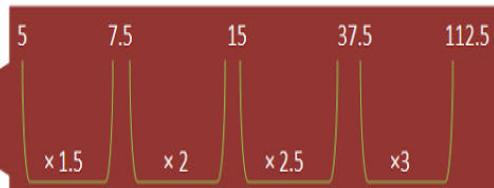
5, _____, 15, 37.5, 112.5

- a) 5.5
- b) 7.5
- c) 3.5
- d) 9.5



e) None of The Above

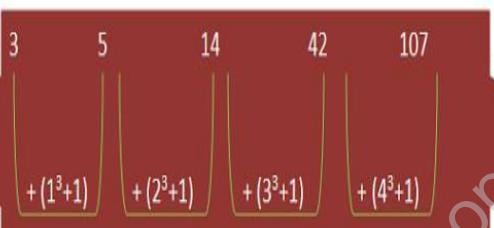
Solution (Option B)



61) 3, 5, 14, ___, 107

- a) 42
- b) 28
- c) 30
- d) 16
- e) None of The Above

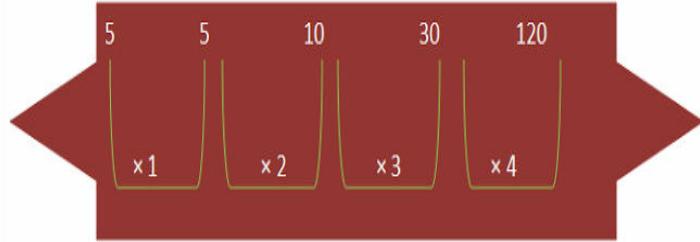
Solution (Option A)



62) 5, ___, 10, 30, 120

- a) 4
- b) 5
- c) 6
- d) 10
- e) None of The Above

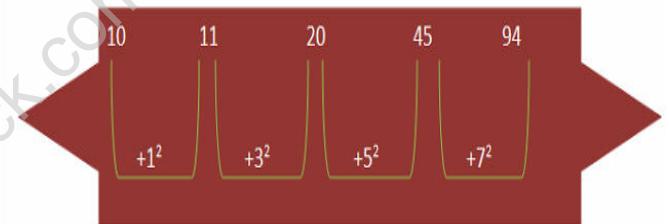
Solution (Option B)



63) ___, 11, 20, 45, 94

- a) 5
- b) 10
- c) 8
- d) 6
- e) None of The Above

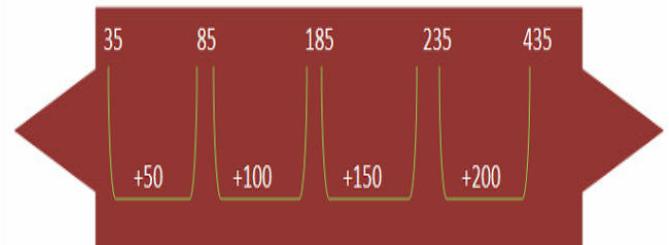
Solution (Option B)



64) ___, 85, 185, 235, 435

- a) 25
- b) 20
- c) 35
- d) 10
- e) None of The Above

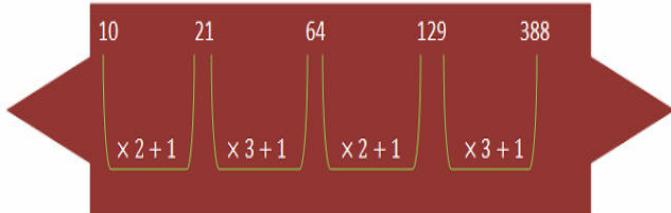
Solution (Option C)



65) 10, ___, 64, 129, 388

- a) 18
 b) 21
 c) 15
 d) 30
 e) None of The Above

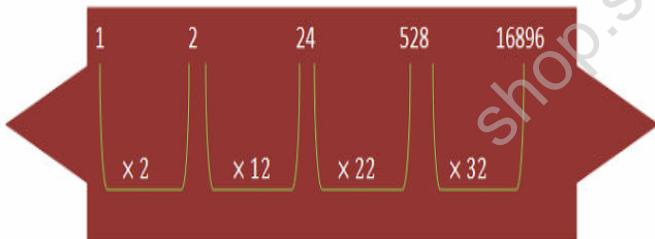
Solution (Option B)



- 66) 1,____, 24, 528, 16896

- a) 2
 b) 8
 c) 5
 d) 10
 e) None of The Above

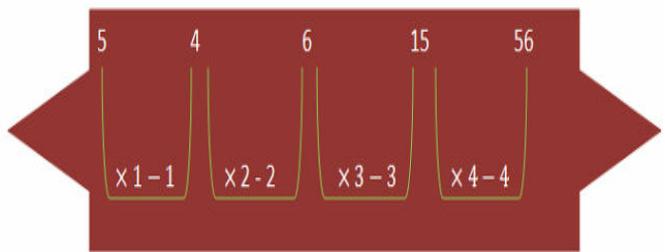
Solution (Option A)



- 67) 5,____, 6, 15, 56

- a) 2
 b) 3
 c) 4
 d) 1
 e) None of The Above

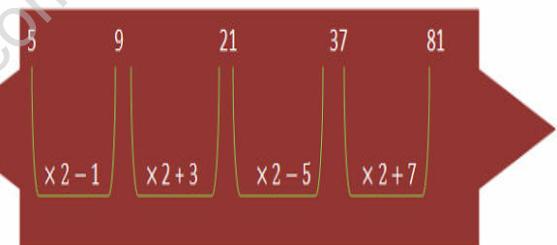
Solution (Option C)



- 68) 5,____, 21, 37, 81

- a) 7
 b) 9
 c) 10
 d) 15
 e) None of The Above

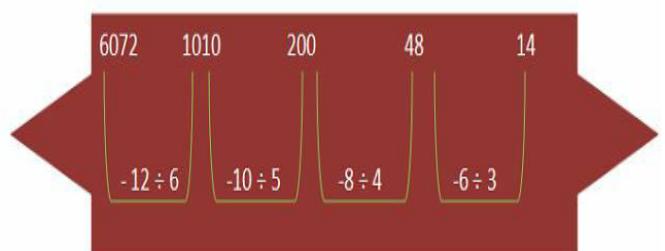
Solution (Option B)



- 69) 6072,____, 200, 48, 14

- a) 1010
 b) 1000
 c) 1072
 d) 985
 e) None of The Above

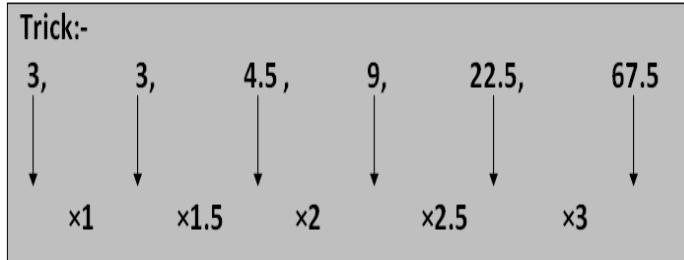
Solution (Option A)



- 70) 3, 3, 4.5, , 22.5, 67.5 ?

- a) 13.5
 b) 8.5
 c) 9.0
 d) 10.5
 e) None of The Above

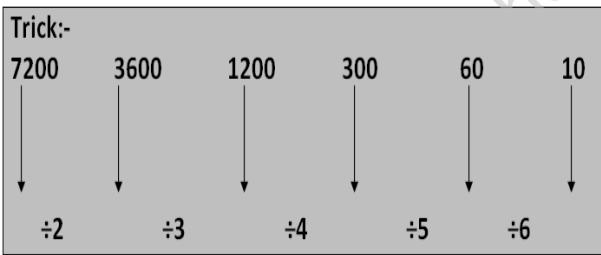
Answer (Option C)



71) 7200, 3600, 1200,, 60, 10 ?

- a) 200
 b) 250
 c) 350
 d) 300
 e) None of The Above

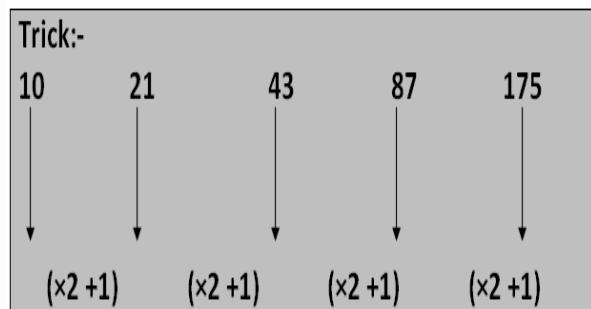
Answer (Option D)



72), 21, 43, 87, 175?

- a) 8
 b) 5
 c) 9
 d) 10
 e) None of The Above

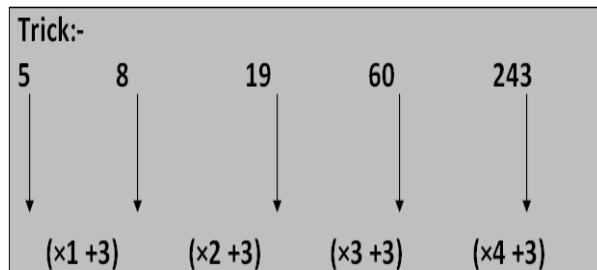
Answer (Option D)



73) 5, 8, 19,, 243?

- a) 50
 b) 60
 c) 70
 d) 90
 e) None of The Above

Answer (Option B)



74) 45,, 184, 371, 746?

- a) 75
 b) 60
 c) 91
 d) 124
 e) None of The Above

Answer (Option C)

Trick:-

45	91	184	371	746
↓	↓	↓	↓	↓
($\times 2 + 1$)	($\times 2 + 2$)	($\times 2 + 3$)	($\times 2 + 4$)	

75) 15, 27, 51,, 195?

- a) 99
- b) 100
- c) 97
- d) 95
- e) None of The Above

Answer (Option A)

Trick:-

15	27	51	99	195
↓	↓	↓	↓	↓
($\times 2 - 3$)				

76), 23, 44, 85, 166?

- a) 8
- b) 12
- c) 11
- d) 10
- e) None of The Above

Answer (Option B)

Trick:-

12	23	44	85	166
↓	↓	↓	↓	↓
($\times 2 - 1$)	($\times 2 - 2$)	($\times 2 - 3$)	($\times 2 - 4$)	

77), 98, 292, 1166, 5828?

- a) 45
- b) 50
- c) 55
- d) 10
- e) None of The Above

Answer (Option B)

Trick:-

50	98	292	1166	5828
↓	↓	↓	↓	↓
($\times 2 - 2$)	($\times 3 - 2$)	($\times 4 - 2$)	($\times 5 - 2$)	

78) 16,, 24, 12, 36?

- a) 20
- b) 18
- c) 19
- d) 8
- e) None of The Above

Answer (Option D)

Trick:-

16	8	24	12	36
↓	↓	↓	↓	↓
($\div 2$)	($\times 3$)	($\div 2$)	($\times 3$)	

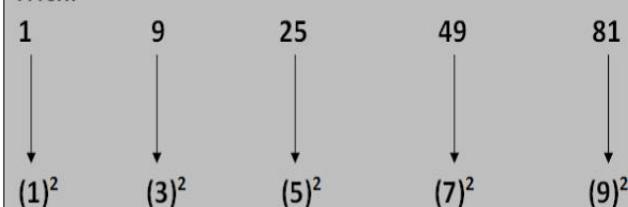
79), 9, 25, 49, 81?

- a) 2
- b) 4

- c) 1
d) 8
e) None of The Above

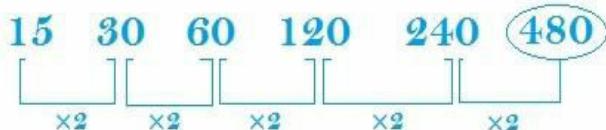
Answer (Option C)

Trick:-



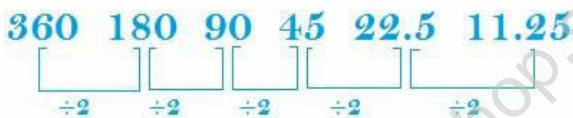
- 80) 15, 30, 60, 120, 240, ?

Answer



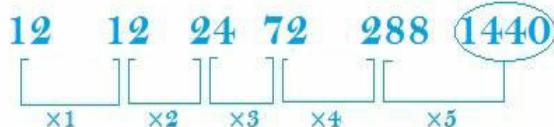
- 81) 360, 180, 90, 45, 22.5, ?

Answer



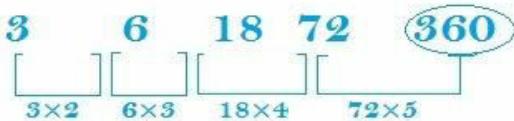
- 82) 12, 12, 24, 72, 288, ?

Answer:



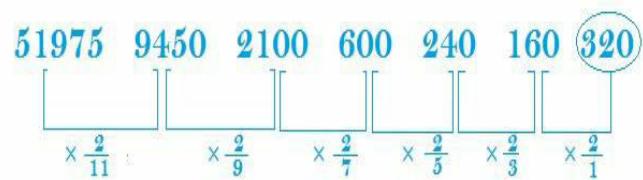
- 83) 3, 6, 18, 72, ?

Sol:



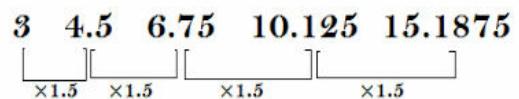
- 84) 51975, 9450, 2100, 600, 240, 160, ?

Sol:



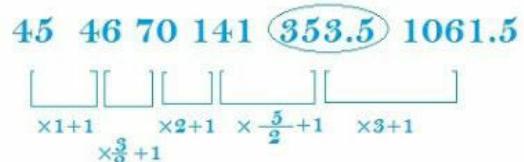
- 85) 3, 4.5, ?, 6.75, 10.125, 15.1875

Sol:



- 86) 45, 46, 70, 141, ?, 1061.5

Sol:



- 87) 50, 60, 75, 97.5, ?, 184.275, 267.19875

Sol:



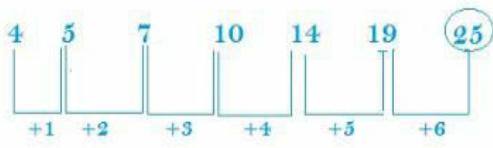
- 88) 6, 9, 12, 15, 18, ?

Sol:



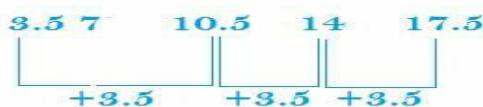
- 89) 4, 5, 7, 10, 14, 19, ?

Answer:



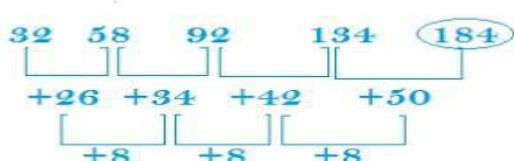
90) 3.5, 7, 10.5, 14, ?

Answer



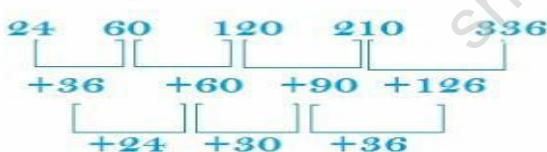
91) 32, 58, 92, 134, ?

Answer



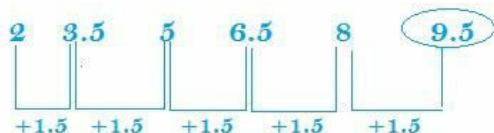
92) 24, 60, 120, 210, ?

Answer



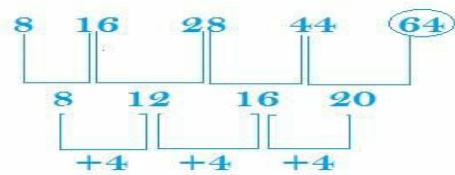
93) 2, 3.5, 5, 6.5, 8, ?

Answer



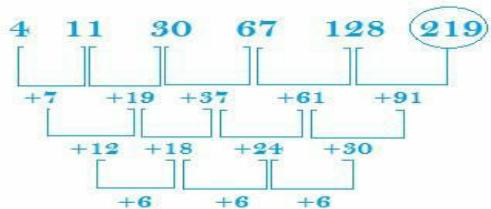
94) 8, 16, 28, 44, ?

Answer



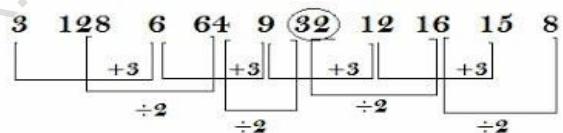
95) 4, 11, 30, 67, 128, ?

Answer



96) 3, 128, 6, 64, 9, ?, 12, 16, 15, 8

Answer



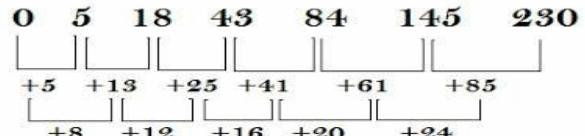
97) 13, 41, 85, 145, ?

Answer

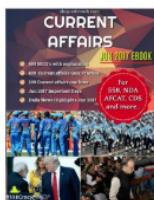
$$\begin{array}{ccccc}
 13 & 41 & 85 & 145 & 221 \\
 4+9 & 16+25 & 36+49 & 64+81 & 100+121 \\
 (2)^2+(3)^2 & (4)^2+(5)^2 & (6)^2+(7)^2 & (8)^2+(9)^2 & (10)^2+(11)^2
 \end{array}$$

98) 0, 5, 18, 43, 84, 145, ?

Answer



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