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

a) 23

b) 22

c) 25

d) 32

e) None of The Above

Solution (Option B)

5	25	7	22	9	19

+2 ... +2

-3 ... -3
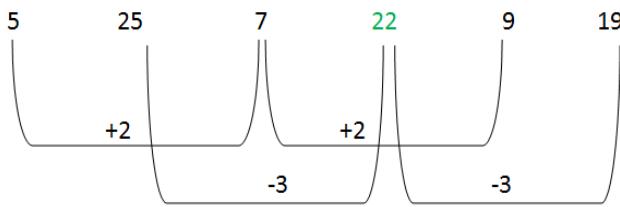
2)   62, 64,_____, 32, 14,16

a) 26

b) 28

c) 30

d) 32

e) None of The Above

Solution (Option)

62	64	30	32	14	16

-2 ÷2 ... -2 ÷2

÷2 ... ÷2
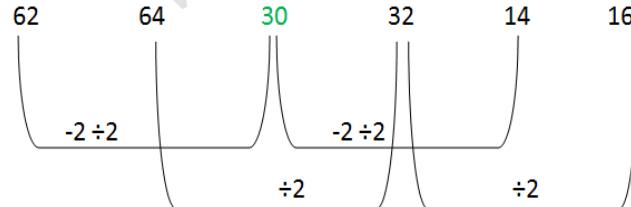
3)   100, 50, 52, 26, 28,_____

a) 30

b) 32

c) 14

d) 16

e) None of The Above

Solution (Option C)

| 100	50	52	26	28	14

÷2 ... ÷2 ... ÷2
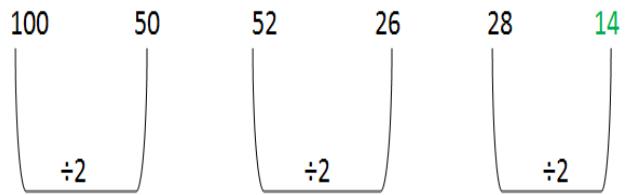
4)   980, 392, 156.8,_____, 25.088, 10.0352

a) 62.72

b) 63.85

c) 65.04

d) 60.28

e) None of The Above

Solution (Option A)

980	392	156.8	62.72	25.088

$\times \frac{2}{5}$ ... $\times \frac{2}{5}$ ... $\times \frac{2}{5}$ ... $\times \frac{2}{5}$
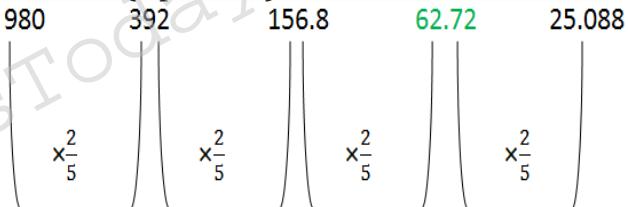
5)   113, 225, 449,____, 1793

a) 789

b) 786

c) 897

d) 987

e) None of The Above

Solution (Option C)

113	225	449	897	1793

$\times 2 - 1$ ... $\times 2 - 1$ ... $\times 2 - 1$ ... $\times 2 - 1$
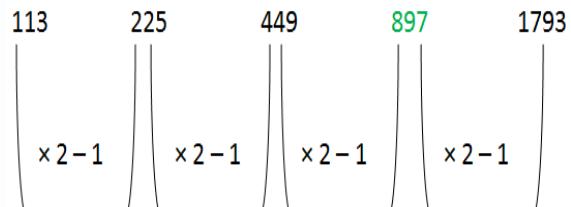
6)   5, 9, 21, 37, 81,____

a) 163

b) 153

c) 181

d) 203

e) None of The Above

Solution (Option B)

5	9	21	37	81	153

×2 − 1 | ×2 + 3 | ×2 − 5 | ×2 + 7 | ×2 − 9
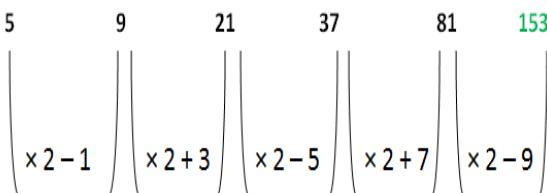
7) **2, 10, 30, 68,_____**

a) 126

b) 130

c) 140

d) 150

e) None of The Above

Solution (Option B)

2	10	30	68	130

$(1)^3 + 1$ | $(2)^3 + 2$ | $(3)^3 + 3$ | $(4)^3 + 4$ | $(5)^3 + 5$
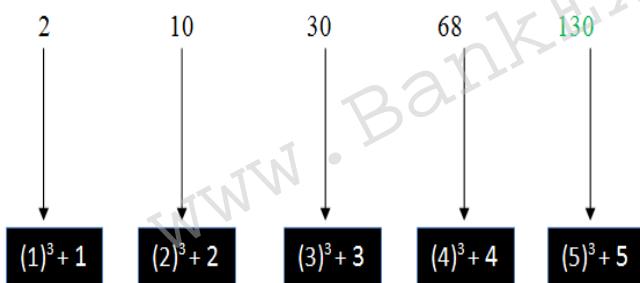
8) **45, 46, 70, 141,_____, 1061.5**

a) 353

b) 353.5

c) 352.5

d) 352

e) None of The Above

Solution (Option B)

45	46	70	141	353.5	1061.5

×1 + 1 | $×\frac{3}{2} + 1$ | ×2 + 1 | $×\frac{5}{2} + 1$ | ×3 + 1
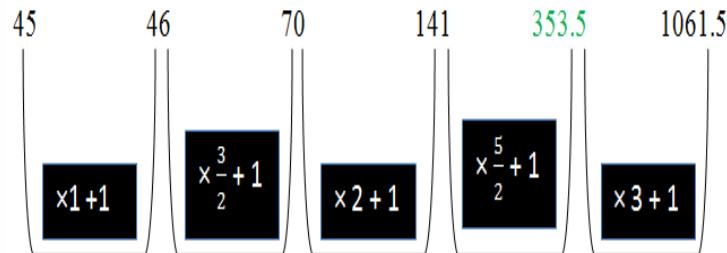
9) **33, 321, 465, 537, 573_____**

a) 600

b) 591

c) 585

d) 498

e) None of The Above

Solution (Option B)

33	321	465	537	573	591

+288 | +144 | +72 | +36 | +18
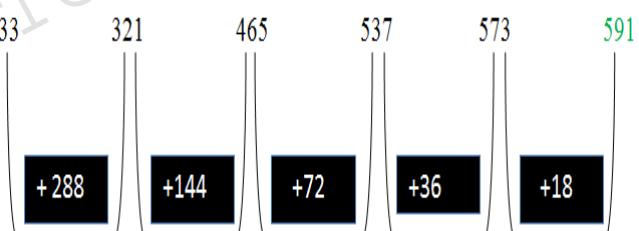
10) **2, 9,_____, 105, 436, 2195**

a) 25

b) 27

c) 30

d) 33

e) None of The Above

Solution (Option C)

2	9	30	105	436

×1 + (1×7) | ×2 + (2×6) | ×3 + (3×5) | ×4 + (4×4)
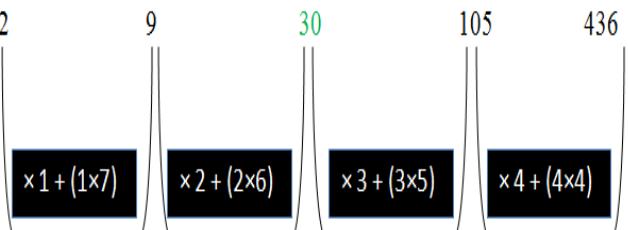
11) **4   6   14   44   ?   892**

a) 176

b) 172

c) 178

d) 1821

e) None of The Above

Solution (Option C)

Trick

4	6	14	44	178	892
(×1 +2)	(×2 +2)	(×3 +2)	(×4 +2)	(×5 +2)	

a) 100

b) 105

c) 205

d) 300

e) None of The Above

Solution (Option B)

Trick

16	8	12	30	105	472.5
× 0.5	× 1.5	× 2.5	× 3.5	× 4.5	

12) 126   64   34   20   14   ?

a) 12

b) 14

c) 16

d) 18

e) None of The Above

Solution (Option A)

Trick

126	64	34	20	14	12
/2 + 1	/2 + 2	/2 + 3	/2 + 4	/2 + 5	

13) 16   8   12   30   ?   472.5
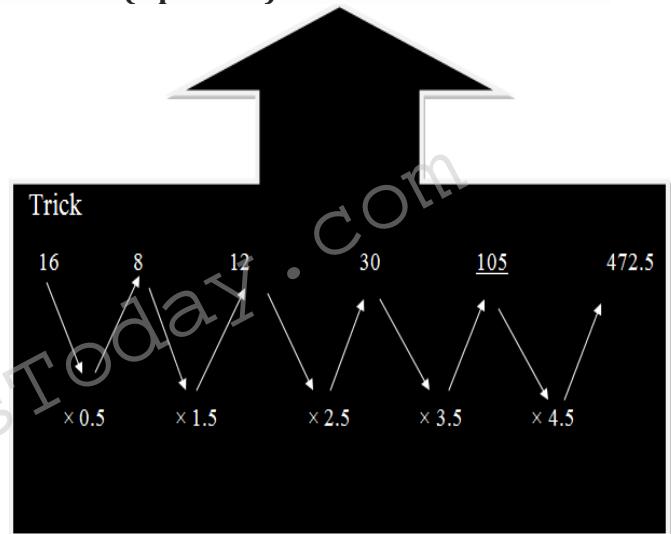
14) 25   34 30   39   35   ?

a) 45

b) 44

c) 46

d) 50

e) None of The Above

Solution (Option B)

Trick

25	34	30	39	35	44
+9	-4	+9	-4	+9	
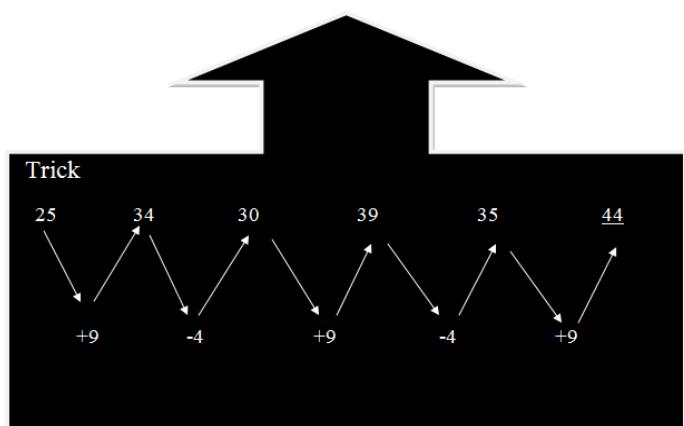
Number Series

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

a) 384

b) 490

c) 453

d) 390

e) None of The Above

Solution (Option C)

Trick

| 10 | 11 | 13 | 21 | 69 | 453 |

+1   +2   +8   +48   +384

(1 × 2 = 2)   (2 × 4= 8)   (8 × 6 = 48)   (48 × 8 = 384)
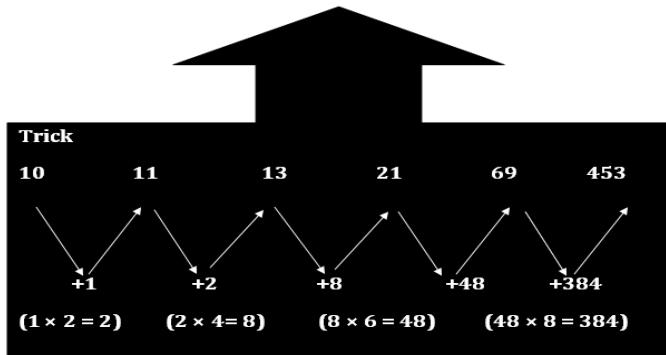
16) 5, ..., 8, 56, 7, 63, 9?

a) 45

b) 35

c) 40

d) 42

e) None of The Above

Solution (Option C)

5,   40,   8,   56,   7,   63,   9

(5 ×8)   (8 ×7)   (7 ×9)
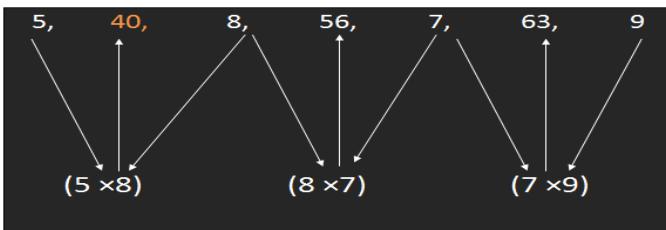
17) 32, ..., 92, 134, 184?

a) 55

b) 38

c) 45

d) 58

e) None of The Above

Solution (Option D)

| 32, | 58, | 92, | 134, | 184 |

+26   + 34   + 42   + 50

+8   +8   +8
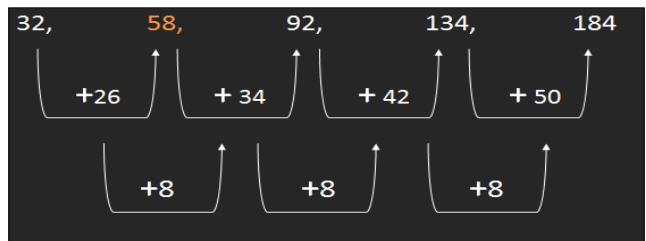
18) 11, 16, 26, ..., 86?

a) 46

b) 56

c) 76

d) 86

e) None of The Above

Solution (Option A)

| 11, | 16 | 26, | 46, | 86 |

+5   + 10   + 20   + 40

×2   ×2   ×2
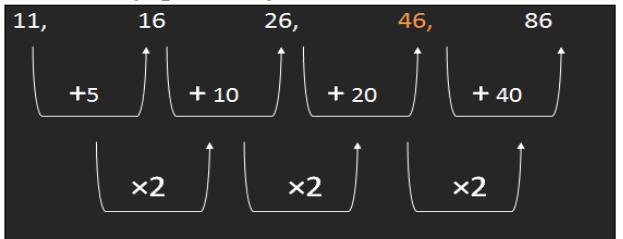
19) 198, 194, 185, 169, ...?

a) 154

b) 165

c) 144

d) 134

e) None of The Above

Solution (Option C)

| 198, | 194 | 185, | 169, | 144 |

-2^2 -3^2 -4^2 -5^2
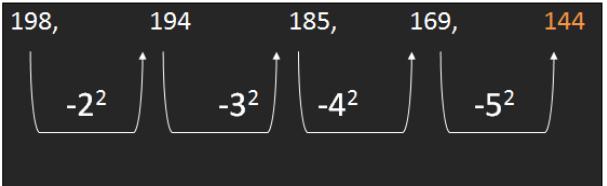
20) 9050, 5675, 3478, 2147, ...?

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)

Pattern:- 3,   4.5,   9,   22.5,   67.5,   236.25,   945

×1.5   ×2   ×2.5   ×3   ×3.5   ×4

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

÷6 − 4,   ÷5 − 4,   ÷4 − 4,   ÷3 − 4,   ÷2 − 4,

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

a) 192

b) 182

c) 172

d) 162

e) None of The Above

e) None of The Above

Solution (Option A)

Pattern:-

812,   398,   192,   90,   40,   16

$\div 2 - 8$, $\div 2 - 7$, $\div 2 - 6$, $\div 2 - 5$, $\div 2 - 4$,

Solution (Option C)

Pattern:-

200,   165,   148,   117,   104,   77   68

$(14^2 + 4)$, $(13^2 - 4)$, $(12^2 + 4)$, $(11^2 - 4)$, $(10^2 + 4)$, $(9^2 - 4)$, $(8^2 + 4)$
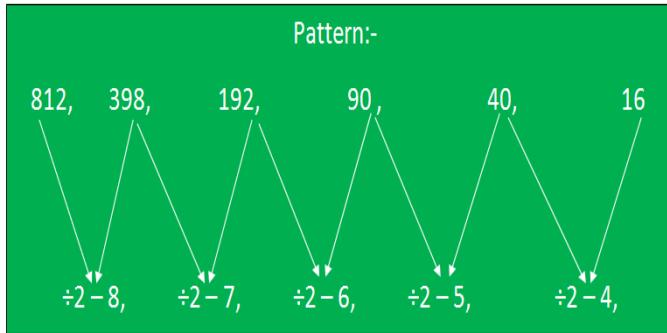
26) 6072, ...,   200,   48,   14,   5,   3

a) 1008

b) 1010

c) 1001

d) 1005

e) None of The Above

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

a) 46

b) 57

c) 53

d) 59

e) None of The Above

Solution (Option B)

Pattern:-

6072,   1010,   200,   48,   14,   5   3

$-12 \div 6$, $-10 \div 5$, $-8 \div 4$, $-6 \div 3$, $-4 \div 2$, $-2 \div 1$,

Solution (Option C)

Pattern:-

445,   221,   109,   53,   25,   11   4

(-224), (-112), (-56), (-28), (-14), (-7)

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

a) 115

b) 116

c) 117

d) 118
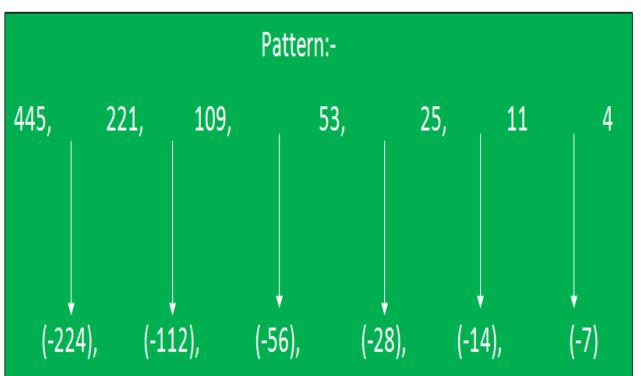
29) -1/2,   0,   1/2 , ...,   3/2,   2

a) 1/2

b) 2/3

c) 3/4

d) 1

e) None of The Above

Solution (Option D)

Pattern:-

-1/2,	0,	1/2,	1,	3/2,	2
(+1/2),	(+1/2),	(+1/2),	(+1/2),	(+1/2),	
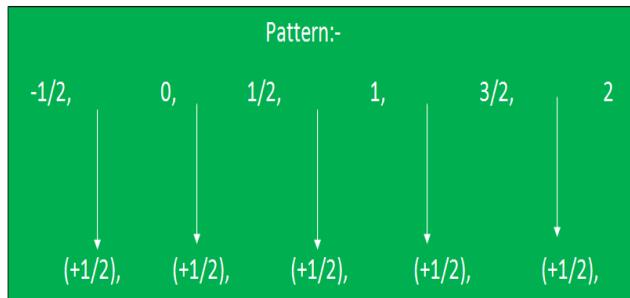
30) 3, 9, 41, 113, ………, 577

a) 260

b) 265

c) 270

d) 275

e) None of The Above

Solution (Option B)

Pattern:-

-3,	9,	41,	113,	265,	577
+12	+32	+72	+152	+312	
+20	+40	+80	160		

(Arrows shows the difference between each numbers)
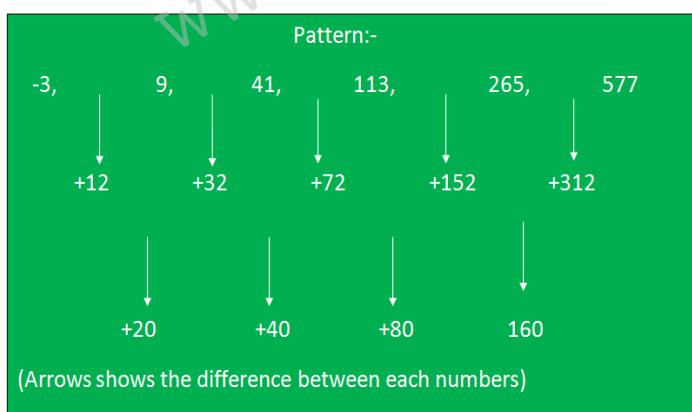
31) 7, 15, ………, 106, 231

a) 32

b) 45

c) 42

d) 64

e) None of The Above

Solution (Option C)

7	15	42	106	231

Trick - 2^3 3^3 4^3 5^3
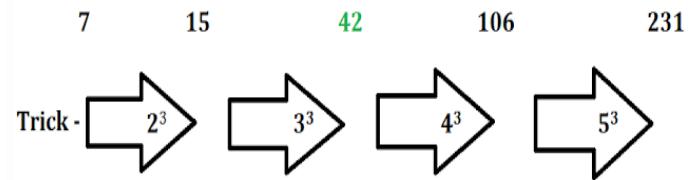
32) 8, …………, 41, 74, 118

a) 29

b) 15

c) 22

d) 19

e) None of The Above

Solution (Option D)

8	19	41	74	118

Trick - +11 +22 +33 +44
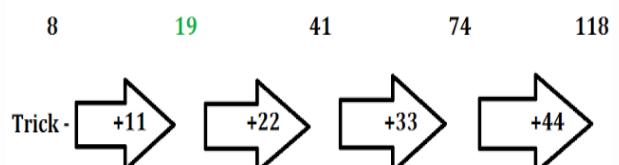
33) 13, ………, 15, 21, 33

a) 12

b) 11

c) 13

d) 14

e) None of The Above

Solution (Option C)

13	13	15	21	33

Trick - $+(0^2 + 0)$ $+(1^2 + 1)$ $+(2^2 + 2)$ $+(3^2 + 3)$

34) 7, …………, 17, 42, 91

a) 8

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

Solution (Option A)

7	8	17	42	91

Trick - $+(1)^2$ → $+(3)^2$ → $+(5)^2$ → $+(7)^2$
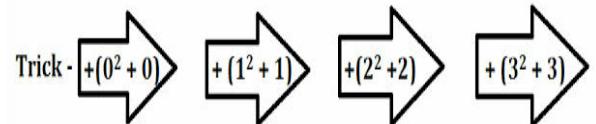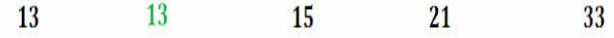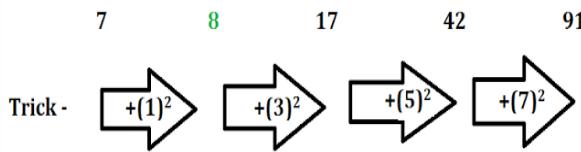
35) ...., 11, 24, 75, 304

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

Solution (Option C)

10	11	24	75	304

Trick - (*1+1) → (*2+2) → (*3+3) → (*4+4)
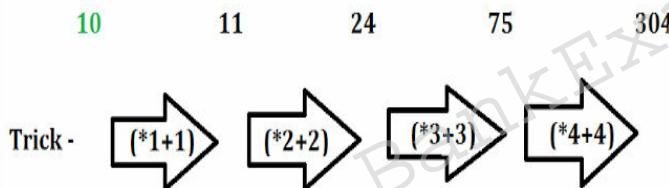
36) 2, 9, ..., 65, 126

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

Solution (Option C)

2	9	28	65	126

Trick - $(1^3 + 1)$ $(2^3 + 1)$ $(3^3 + 1)$ $(4^3 + 1)$ $(5^3 + 1$
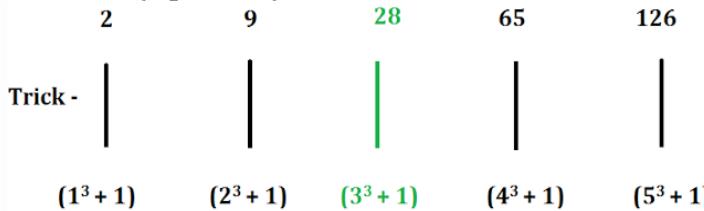
37) 0, ..., 68, 222, 520

a) 3
b) 6

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

Solution (Option D)

0	10	68	222	520

Trick -

$(0^3 + 0)$ $(2^3 + 2)$ $(4^3 + 4)$ $(6^3 + 6)$ $(8^3 + 8)$
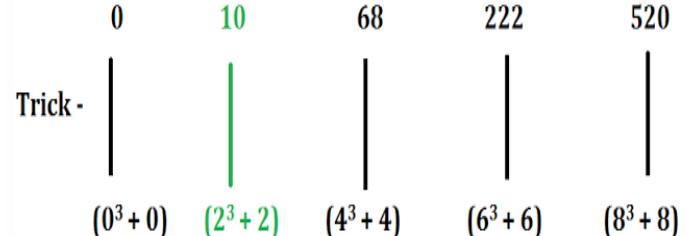
38) 3, ..., 12, 38, 154

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

Solution (Option D)

3	5	12	38	154

Trick - (*1+2) → (*2+2) → (*3+2) → (*4+2)
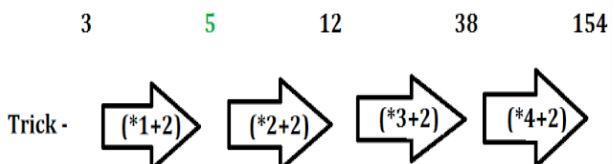
39) 9, 22, 24, 37, ..., 52

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

Solution (Option A)

9	22	24	37	39	52

Trick - +15 ... +15

+15 ... +15
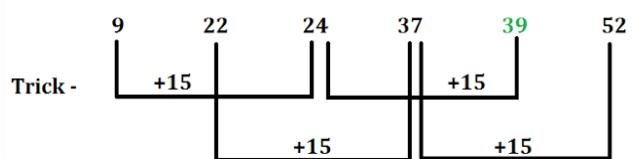
40) 4,   4, ...,   12,   30

a) 5

b) 6

c) 8

d) 10

e) None of The Above

Solution (Option B)

Trick -

   4   4   6   12   30

*1   *1.5   *2   *2.5
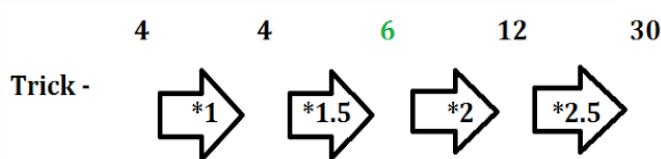
41) 2348, 3437, 4346, ..., 6344, 7433

a) 5425

b) 5436

c) 5456

d) 5435

e) None of The Above

Solution (Option D)

Pattern:-

2348, 3437, 4346, 5435, 6344, 7433

+1089, +909, +1089, +909, +1089,
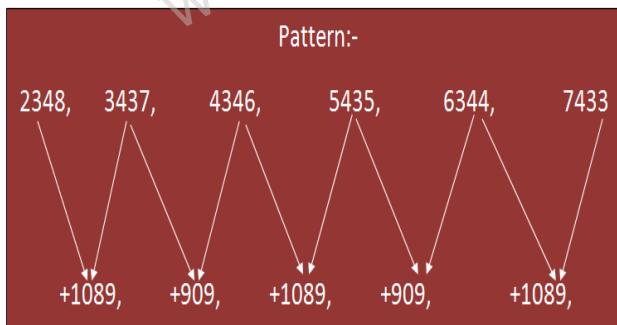
42) 87, 86, 82, 73, 57, 32, ...

a) -5

b) -4

c) 6

d) 10

e) None of The Above

Solution (Option B)

Pattern:-

87, 86, 82, 73, 57, 32, -4

-1^2 -2^2 -3^2 -4^2 -5^2 -6^2
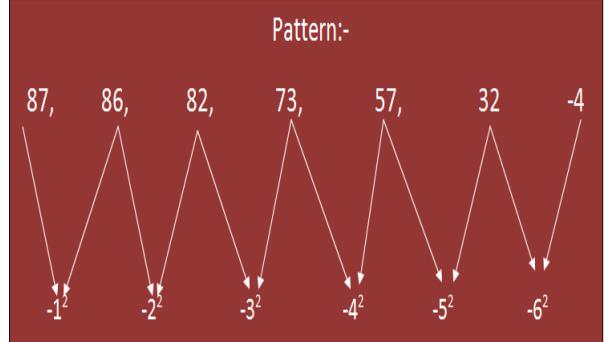
43) 12, 20, 19, 26, ..., 31, 30

a) 24

b) 26

c) 25

d) 35

e) None of The Above

Solution (Option C)

Pattern:-

12, 20, 19, 26, 25, 31, 30

+8 -1 +7 -1 +6 -1
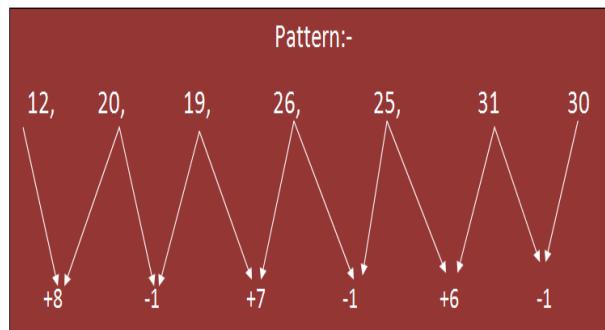
44) 4, 8, 11, 22, 18, ..., 25, 50

a) 36

b) 35

c) 46

d) 56

e) None of The Above

Solution (Option A)

| 4, | 8, | 11, | 22, | 18, | 36, | 25, | 50 |

+7   +7   +7

+14   +14   +14

Pattern:-

| 51975 | 9450 | 2100 | 600 | 240 | 160 | 320 |

$\times\frac{2}{11}$ $\times\frac{2}{9}$ $\times\frac{2}{7}$ $\times\frac{2}{5}$ $\times\frac{2}{3}$ $\times\frac{2}{1}$
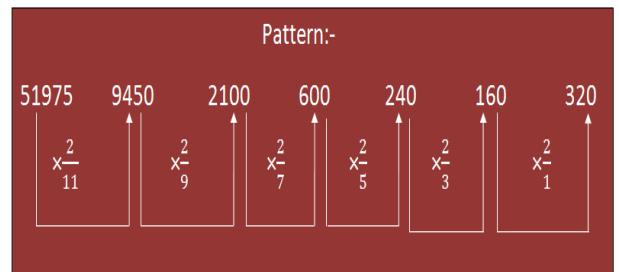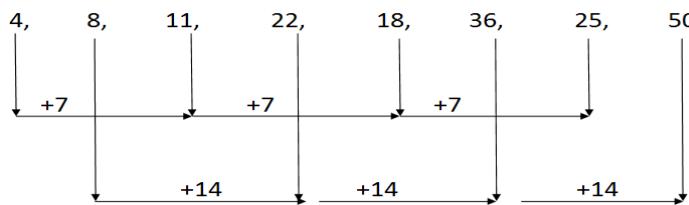
45) 9, 7, 64, 6, 3, ..., 1, 8, 9

a) 28

b) 16

c) 18

d) 19

e) None of The Above

Solution (Option D)

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

a) 13184

b) 13186

c) 13175

d) 13182

e) None of The Above

Solution (Option D)

Pattern:-

| 9, | 7, | 64, | 6, | 3, | 19, | 1, | 8, | 9 |

$(9 \times 7 + 1)$ $(6 \times 3 + 1)$ $(1 \times 8 + 1)$
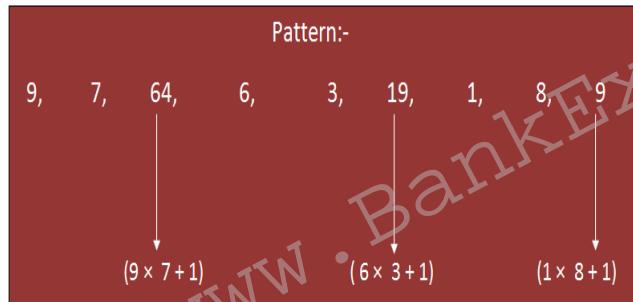
46) 51975, 9450, 2100, ..., 240, 160, 320

a) 600

b) 800

c) 900

d) 1000

e) None of The Above

Solution (Option A)

Pattern:-

| 2 | 9 | 30 | 105 | 436 | 2195 | 13182 |

$\times 1 + (1 \times 7)$ $\times 2 + (2 \times 6)$ $\times 3 + (3 \times 5)$ $\times 4 + (4 \times 4)$ $\times 5 + (5 \times 3)$ $\times 6 + (6 \times 2)$
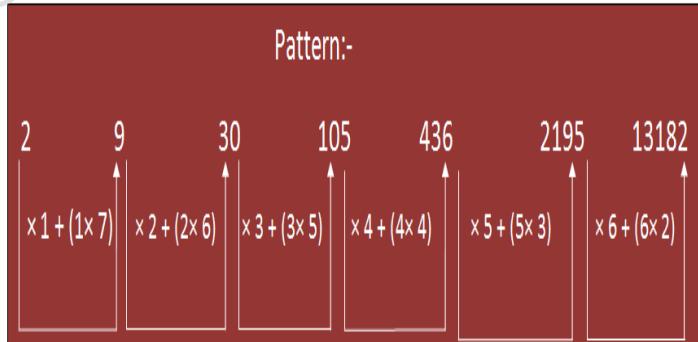
48) 4, 2.5, 3.5, 6.75, 15.5, 41.25, ...

a) 126.75

b) 136.75

c) 166.75

d) 175.75

e) None of The Above

Solution (Option A)

Pattern:-

4   2.5   3.5   6.75   15.5   41.25   126.75

$\times \frac{1}{2} + \frac{1}{2}$ $\times 1 + 1$ $\times \frac{3}{2} + \frac{3}{2}$ $\times 2 + 2$ $\times \frac{5}{2} + \frac{5}{2}$ $\times 3 + 3$

Pattern:-

2	10	30	68	130
$(1^3 + 1)$	$(2^3 + 2)$	$(3^3 + 3)$	$(4^3 + 4)$	$(5^3 + 5)$
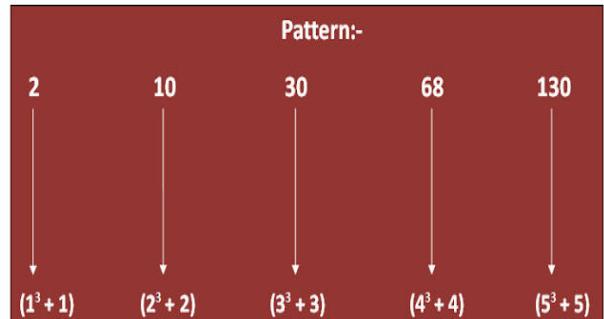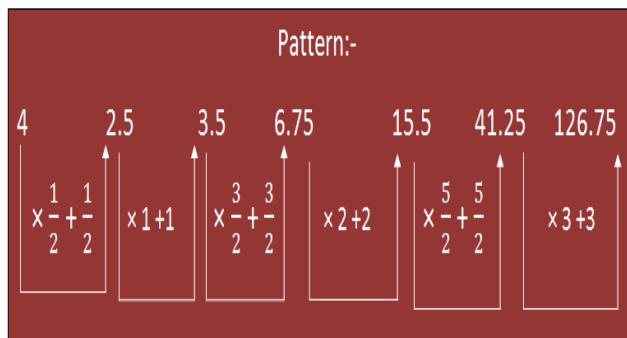
49) 1, 5, 9, 17, 25, ..., 49

a) 35

b) 45

c) 37

d) 42

e) None of The Above

Solution (Option C)

Pattern:-

1	5	9	17	25	37	49
1^2	$(2^2 + 1)$	3^2	$(4^2 + 1)$	5^2	$(6^2 + 1)$	7^2
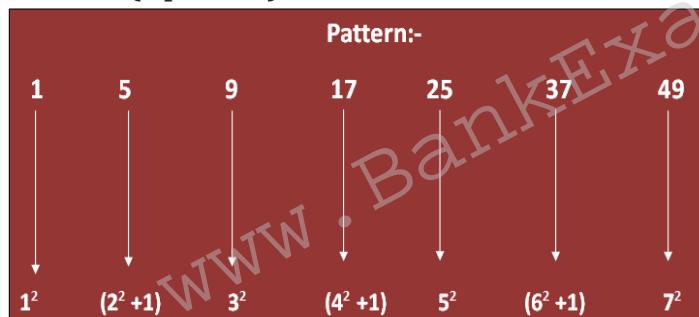
50) 2, 10, 30, ..., 130

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)

Trick -

3   12   192   6912

$\times 2^2$ $\times 4^2$ $\times 6^2$
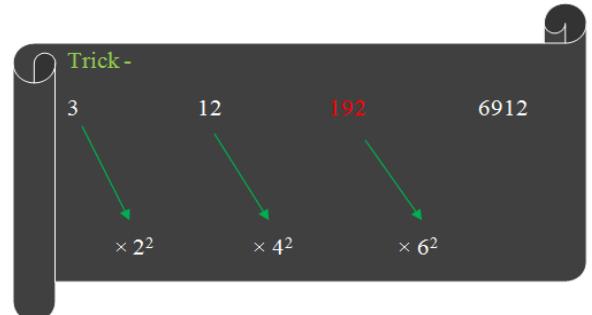
52) _____, 108, 18, 6

a) 960

b) 900

c) 918

d) 972

e) None of The Above

Solution (Option D)

Trick -

972   108   18   6

$\div 9$ $\div 6$ $\div 3$
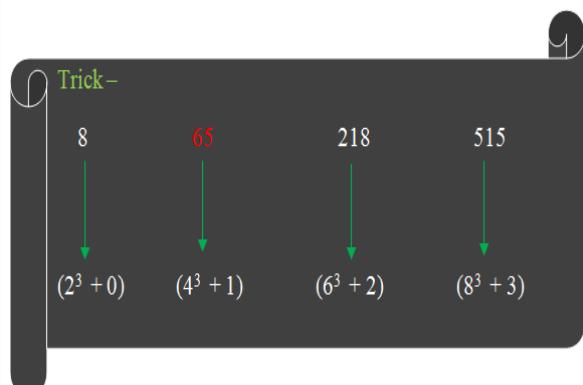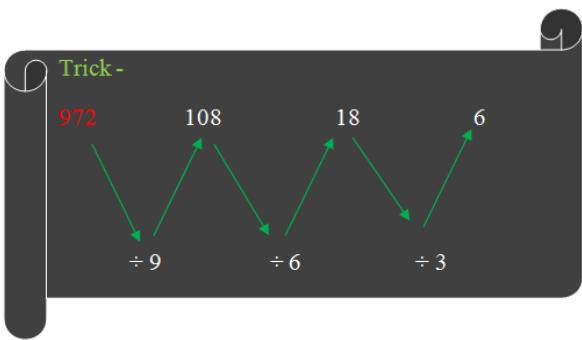
53)   **6, _____ 18, 56, 226**

a) 10

b) 12

c) 8

d) 15

e) None of The Above

Solution (Option C)

Trick -

6   8   18   56   226

$(\times 1 + 2)$ $(\times 2 + 2)$ $(\times 3 + 2)$ $(\times 4 + 2)$
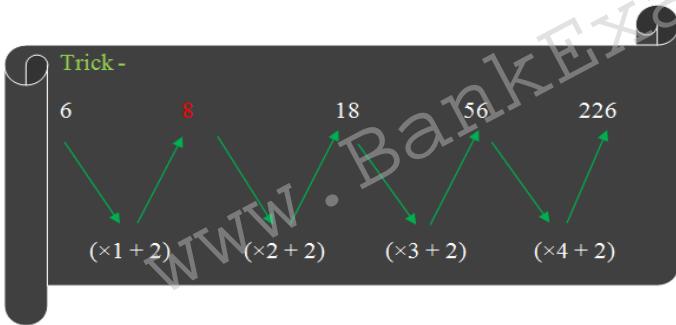
54)   **8, _____, 218 , 515**

a) 64

b) 66

c) 65

d) 68

e) None of The Above

Solution (Option C)

Trick –

8   65   218   515

$(2^3 + 0)$ $(4^3 + 1)$ $(6^3 + 2)$ $(8^3 + 3)$

55)   **37.5, _____, 450, 900**

a) 125

b) 150

c) 200

d) 250

e) None of The Above

Solution (Option B)

Trick –

37.5   150   450   900

$(\times 4)$ $(\times 3)$ $(\times 2)$
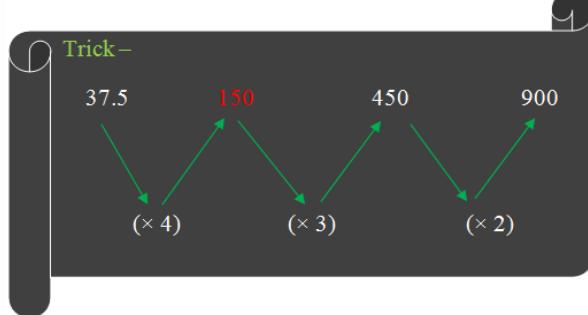
56)   **_____, 16, 24, 48**

a) 9

b) 8

c) 16

d) 10

e) None of The Above

Solution (Option C)

Trick –

16   16   24   48

(× 1)   (× 1.5)   (× 2)
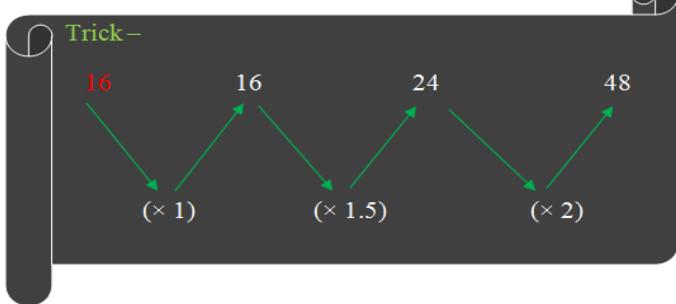
57) 50, 40, _____, 14
a) 30
b) 28
c) 20
d) 60
e) None of The Above

Solution (Option B)

Trick –

50   40   28   14

(- 10)   (- 12)   (- 14)
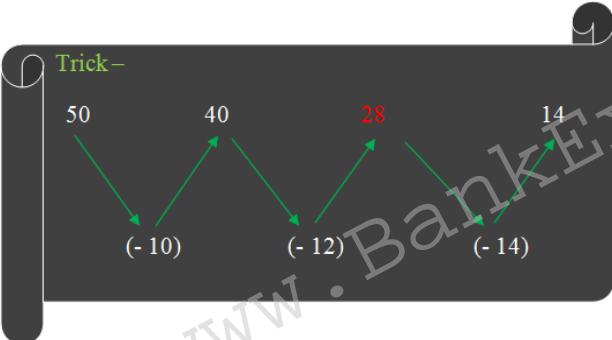
58) ____, 7, 16, 41
a) 3
b) 5
c) 6
d) 8
e) None of The Above

Solution (Option C)

Trick –

6   7   16   41

(+1²)   (+3²)   (+5²)
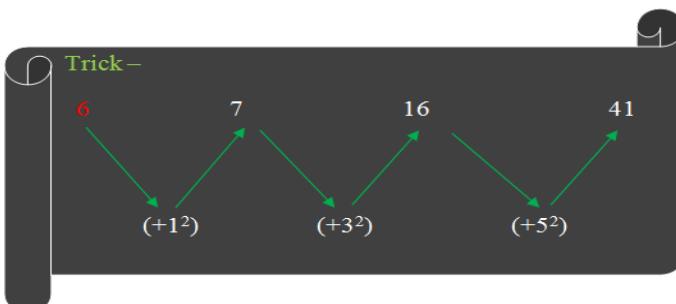
59) 2, 10, -6, _____
a) 12
b) 10
c) 28
d) 18
e) None of The Above

Solution (Option D)

Trick –

2   10   -6   18

(+1×8)   (-2×8)   (+3×8)
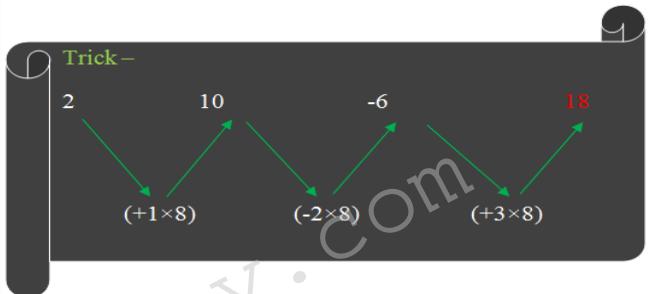
60) _____, 4, 1.6, 0.64
a) 5
b) 10
c) 15
d) 20
e) None of The Above

Solution (Option B)

Trick –

10   4   1.6   0.64

$\times\frac{2}{5}$ $\times\frac{2}{5}$ $\times\frac{2}{5}$
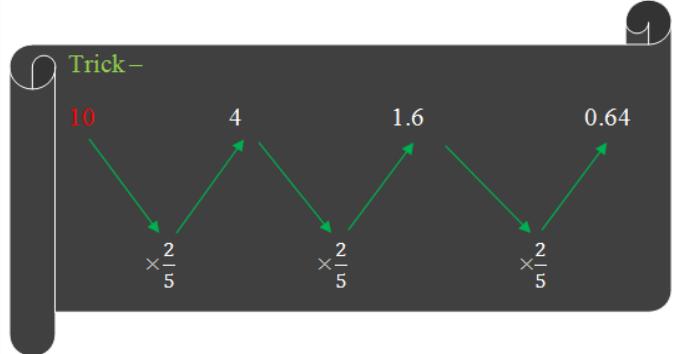
5, _____, 15, 37.5, 112.5
a) 5.5
b) 7.5
c) 3.5
d) 9.5

e) None of The Above

Solution (**Option B**)

5	5	10	30	120
	×1	×2	×3	×4

5	7.5	15	37.5	112.5
	×1.5	×2	×2.5	×3
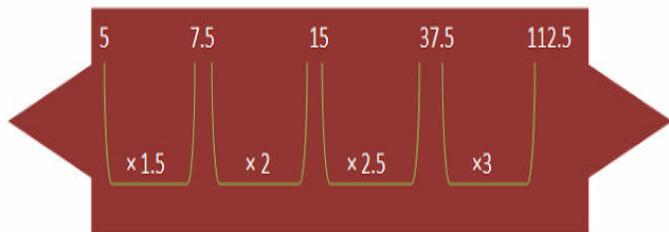
61) 3, 5, 14, ____, 107

a) 42

b) 28

c) 30

d) 16

e) None of The Above

Solution (Option A)

3	5	14	42	107
	$+(1^3+1)$	$+(2^3+1)$	$+(3^3+1)$	$+(4^3+1)$
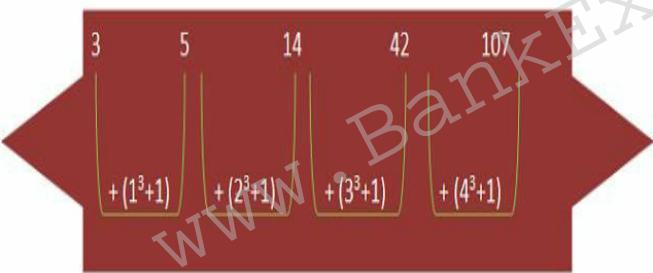
62) 5, ____, 10, 30, 120

a) 4

b) 5

c) 6

d) 10

e) None of The Above
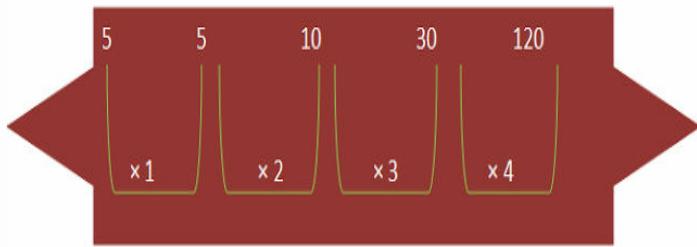
Solution (**Option B**)

63) ____, 11, 20, 45, 94

a) 5

b) 10

c) 8

d) 6

e) None of The Above

Solution (Option B)

10	11	20	45	94
	$+1^2$	$+3^2$	$+5^2$	$+7^2$
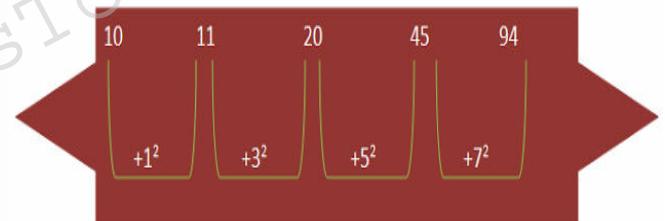
64) ____, 85, 185, 235, 435

a) 25

b) 20

c) 35

d) 10

e) None of The Above

Solution (Option C)

35	85	185	235	435
	+50	+100	+150	+200
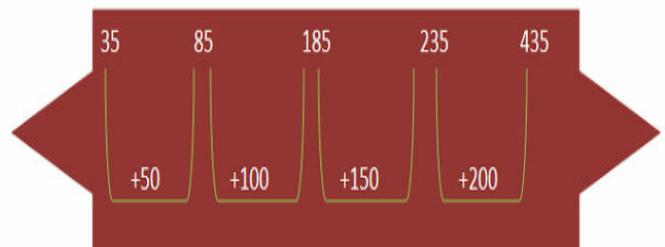
65) 10, ___, 64, 129, 388

a) 18

b) 21

c) 15

d) 30

e) None of The Above

Solution (Option B)

10   21   64   129   388
×2+1 ×3+1 ×2+1 ×3+1
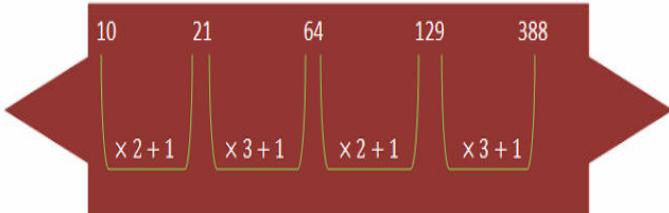
66) 1,____, 24, 528, 16896

a) 2

b) 8

c) 5

d) 10

e) None of The Above

Solution (Option A)

1   2   24   528   16896
×2   ×12 ×22   ×32
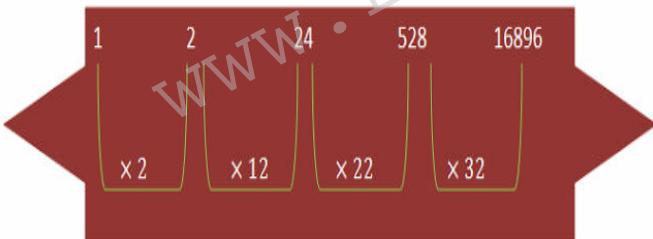
67) 5, ____, 6, 15, 56

a) 2

b) 3

c) 4

d) 1

e) None of The Above

Solution (Option C)

5   4   6   15   56
×1−1 ×2−2 ×3−3 ×4−4
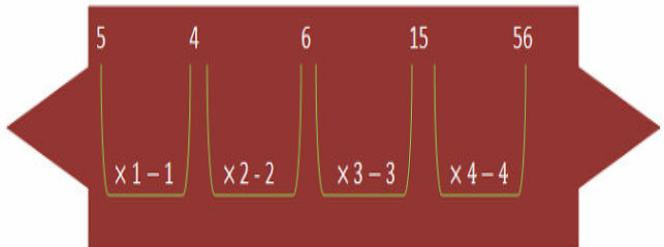
68) 5, ____, 21, 37, 81

a) 7

b) 9

c) 10

d) 15

e) None of The Above

Solution (Option B)

5   9   21   37   81
×2−1 ×2+3 ×2−5 ×2+7
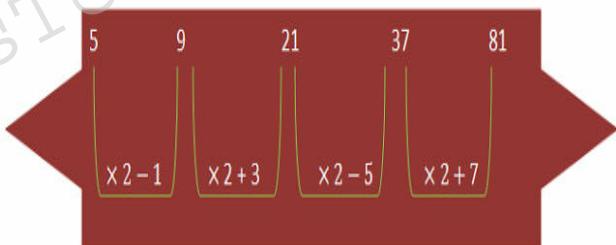
69) 6072, ____, 200, 48, 14

a) 1010

b) 1000

c) 1072

d) 985

e) None of The Above

Solution (Option A)

6072   1010   200   48   14
−12÷6 −10÷5 −8÷4 −6÷3
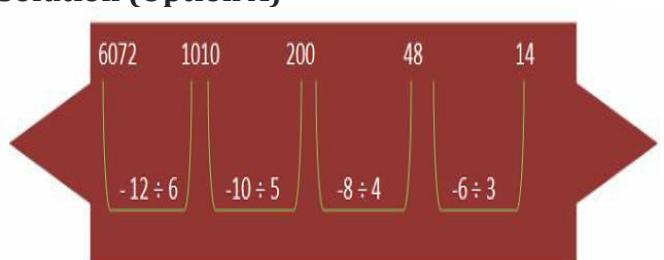
70) 3, 3, 4.5, ………, 22.5, 67.5 ?

a) 13.5

b) 8.5

c) 9.0

d) 10.5

e) None of The Above

Answer (Option C)

Trick:-

3,		3,		4.5,		9,		22.5,		67.5
	×1		×1.5		×2		×2.5		×3	
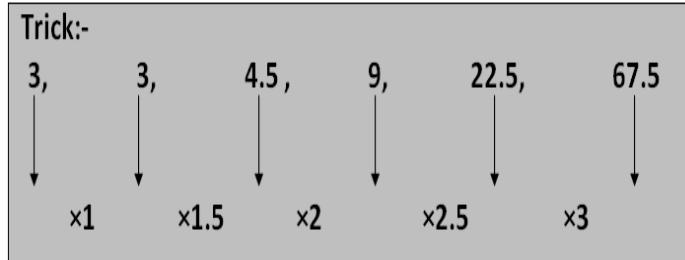
71) 7200, 3600, 1200, ..., 60, 10 ?

a) 200

b) 250

c) 350

d) 300

e) None of The Above

Answer (Option D)

Trick:-

7200	3600	1200	300	60	10
÷2	÷3	÷4	÷5	÷6	
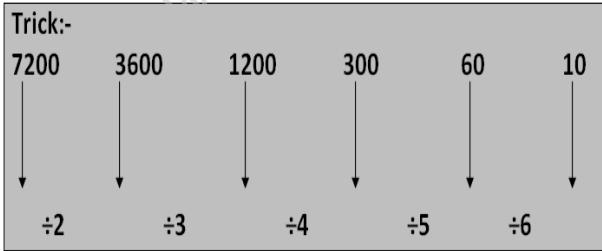
72) ...., 21, 43, 87, 175?

a) 8

b) 5

c) 9

d) 10

e) None of The Above

Answer (Option D)

Trick:-

10	21	43	87	175
(×2 +1)	(×2 +1)	(×2 +1)	(×2 +1)	
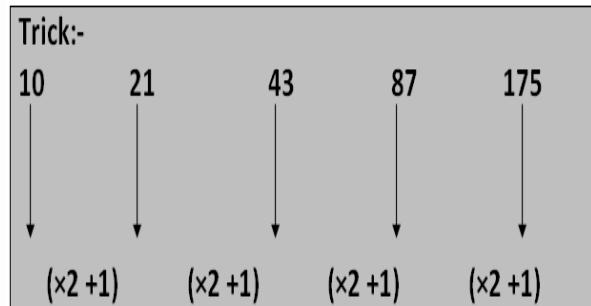
73) 5, 8, 19, ..., 243?

a) 50

b) 60

c) 70

d) 90

e) None of The Above

Answer (Option B)

Trick:-

5	8	19	60	243
(×1 +3)	(×2 +3)	(×3 +3)	(×4 +3)	
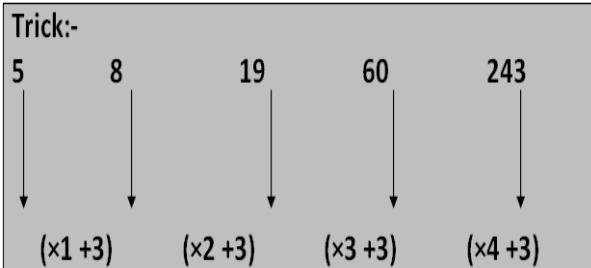
74) 45, ..., 184, 371, 746?

a) 75

b) 60

c) 91

d) 124

e) None of The Above

Answer (Option C)

Trick:-

45	91	184	371	746

(×2 +1) (×2 +2) (×2 +3) (×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

(×2 - 3) (×2 - 3) (×2 - 3) (×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

(×2 - 1) (×2 - 2) (×2 - 3) (×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

(×2 - 2) (×3 - 2) (×4 - 2) (×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

(÷2) (×3) (÷2) (×3)

79) ...., 9, 25, 49, 81?

a) 2

b) 4

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

Answer (Option C)

Trick:-

1	9	25	49	81
↓	↓	↓	↓	↓
$(1)^2$	$(3)^2$	$(5)^2$	$(7)^2$	$(9)^2$
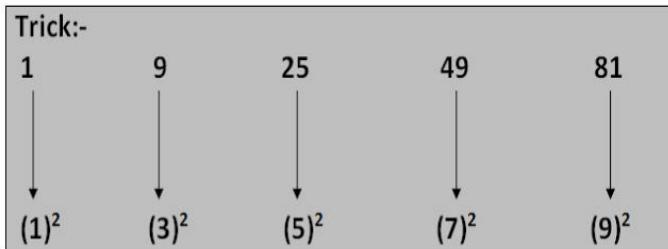
80) 15, 30, 60, 120, 240, ?
Answer

15   30   60   120   240   (480)
×2   ×2   ×2   ×2   ×2
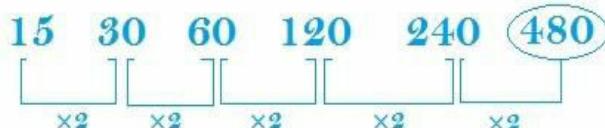
81) 360, 180, 90, 45, 22.5, ?
Answer
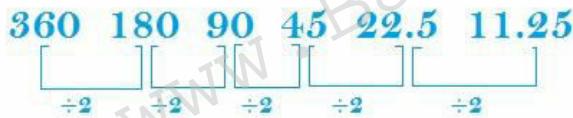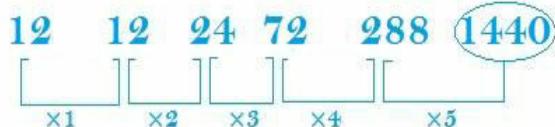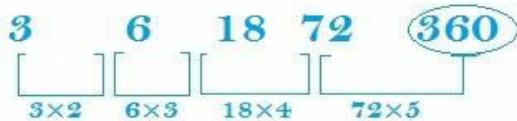
360   180   90   45   22.5   11.25
÷2   ÷2   ÷2   ÷2   ÷2

82) 12, 12, 24, 72, 288, ?
Answer:

12   12   24   72   288   (1440)
×1   ×2   ×3   ×4   ×5

83) 3, 6, 18, 72, ?
Sol:

3   6   18   72   (360)
3×2   6×3   18×4   72×5

84) 51975, 9450, 2100, 600, 240, 160, ?
Sol:

51975   9450   2100   600   240   160   (320)
×$\frac{9}{11}$ ×$\frac{9}{9}$ ×$\frac{9}{7}$ ×$\frac{9}{5}$ ×$\frac{9}{3}$ ×$\frac{9}{1}$

85) 3, 4.5, ? , 6.75, 10.125, 15.1875
Sol:

3   4.5   6.75   10.125   15.1875
×1.5   ×1.5   ×1.5   ×1.5

86) 45, 46, 70, 141, ? , 1061.5
Sol:

45   46   70   141   (353.5)   1061.5
×1+1   ×2+1   ×$\frac{5}{2}$+1   ×3+1
×$\frac{3}{2}$+1
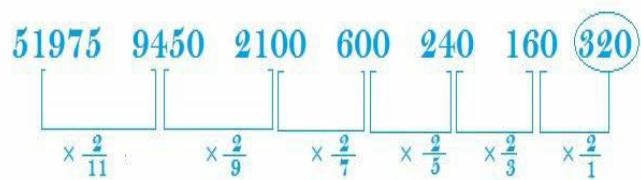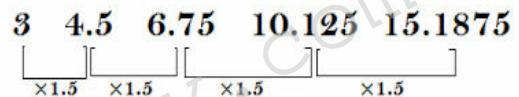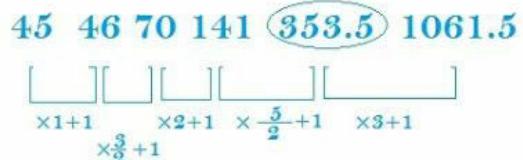
87) 50, 60, 75, 97.5, ? , 184.275, 267.19875
Sol:
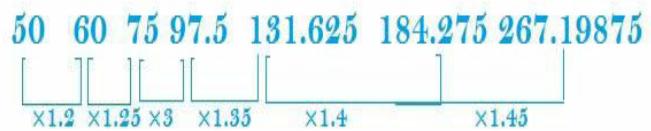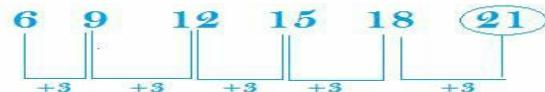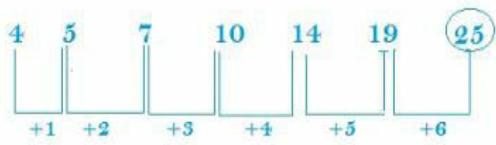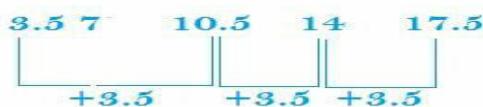
50   60   75   97.5   131.625   184.275   267.19875
×1.2   ×1.25 ×3   ×1.35   ×1.4   ×1.45

88) 6, 9, 12, 15, 18, ?
Sol:

6   9   12   15   18   (21)
+3   +3   +3   +3   +3

89) 4, 5, 7, 10, 14, 19, ?
Answer:

```
4     5     7     10    14    19    (25)
 |__|  |__|  |__|   |__|  |__|  |__|
  +1    +2    +3     +4    +5    +6
```

```
8    16    28    44    (64)
 |__|  |__|  |__|  |__|
  8    12    16    20
   |____|____|____|
     +4    +4    +4
```

90) 3.5, 7, 10.5, 14, ?

Answer

```
3.5  7     10.5   14    17.5
 |___|      |___|  |___|
   +3.5      +3.5  +3.5
```

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

Answer

```
4    11    30    67    128   (219)
 |__|  |__|  |__|  |__|  |__|
 +7    +19   +37   +61   +91
   |___|  |___|  |___|  |___|
   +12    +18    +24    +30
      |____|____|____|
       +6    +6    +6
```

91) 32, 58, 92, 134, ?

Answer

```
32   58    92    134   (184)
 |___|  |___|  |___|  |___|
 +26   +34   +42    +50
   |___|  |___|  |___|
    +8    +8    +8
```
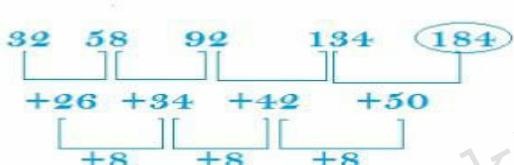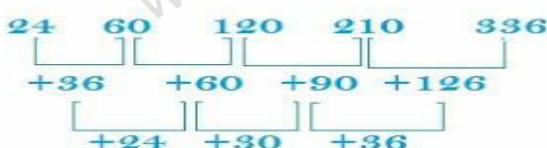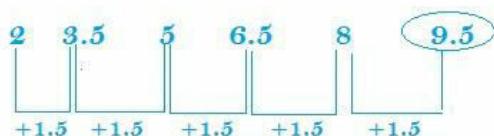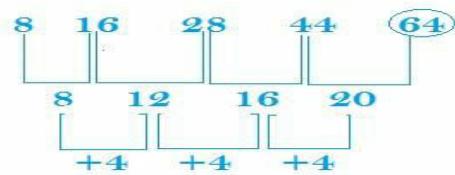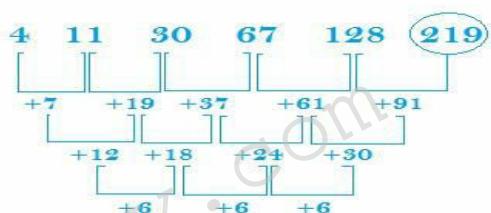
96)   3, 128, 6, 64, 9, ? , 12, 16, 15, 8

Answer

```
3   128   6   64   9  (32)  12  16   15   8
 |_____|   |_____|  |_____|   |_____|
      +3         +3         +3        +3
     ÷2         ÷2         ÷2         ÷2
```

92) 24, 60, 120, 210, ?

Answer

```
24   60    120   210   336
 |___|  |____|  |____|  |____|
 +36    +60    +90    +126
   |____|  |___|  |___|
    +24    +30    +36
```

97) 13, 41, 85, 145, ?

Answer

```
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
```

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

Answer

```
2    3.5   5    6.5   8    (9.5)
 |___|  |___|  |___|  |___|  |___|
 +1.5   +1.5   +1.5   +1.5   +1.5
```

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

Answer

```
0    5    18    43    84    145   230
 |__|  |__|  |__|  |__|  |__|  |__|
 +5    +13   +25   +41   +61   +85
   |__|  |__|  |__|  |__|
   +8    +12   +16   +20   +24
```

94) 8, 16, 28, 44, ?

Answer