



Mahendra's



SSC CGL/CPO/CHSL

REASONING

NUMBER SERIES

PART-03



LIVE

07:30 PM

Q.28 FIND THE NEXT TERM

~~90, 92, 172, 492, 1904, ?~~ H.V.

92, 90, 172, 492, 1904

$$(92 - 2) \times 1 = 90$$

$$(90 - 4) \times 2 = 86 \times 2 = 172$$

$$(172 - 8) \times 3 = 164 \times 3 = \boxed{492}$$

$$(492 - 16) \times 4 = 1904$$

$$(1904 - 32) \times 5$$

$$1872 \times 5$$

60

(a) 9360

(b) 9340

(c) 9350

(d) 9365

Q.29 FIND THE NEXT TERM

CGL

mail's concept

(1) X

5, 12, 23, 50, 141, ?

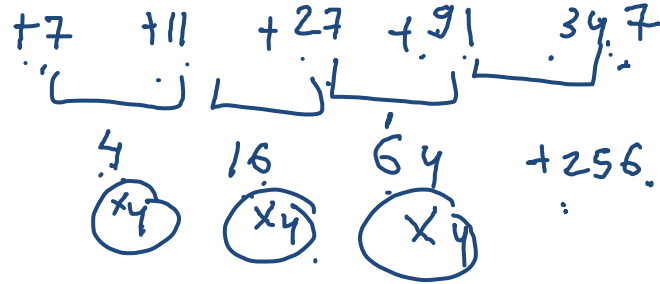
488

$$5 \times 3 = 15 - 3 = 12$$

$$12 \times 2 = 24 - 1 = 23$$

$$23 \times 3$$

∝



- (a) 498
- (b) 488
- (c) 415
- (d) 439

Q.30 FIND THE NEXT TERM

4, 11, 19, 41, ?, 161

Logic

$$4 \times 2 = 8 + 3 = 11$$

$$11 \times 2 = 22 - 3 = 19$$

$$19 \times 2 = 38 + 3 = 41$$

$$41 \times 2 = 82 - 3 = 79$$

$$79 \times 2 = 158 + 3 = 161$$



- (a) 62
- (b) 108
- (c) 79
- (d) 85

Q.31 FIND THE NEXT TERM

4, 8, 21, 59, ?, 314

Level-4

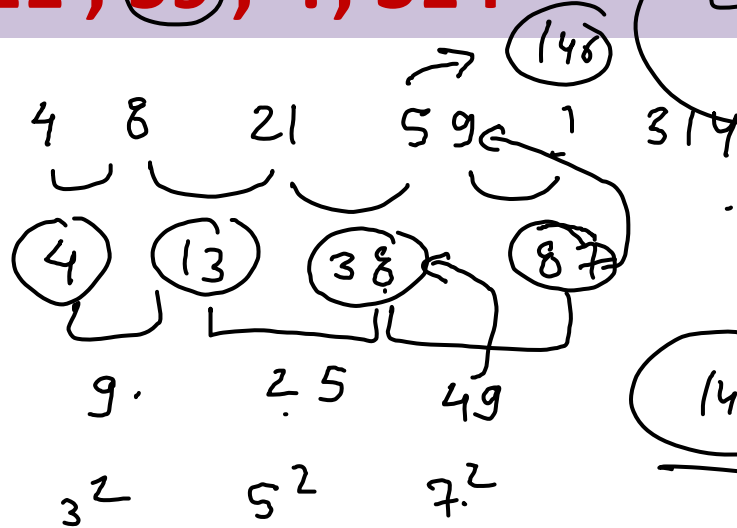
Logic

$$4 \times 2 = 8 + 0 = 8$$

$$8 \times 3 = 24 - 3 = 21$$

$$21 \times 4 = 84$$

fail α



- (a) 146
- (b) 134
- (c) 125
- (d) 126

Q.32 FIND THE NEXT TERM

$$\underline{120 + 48 =}$$

$$80 + 32$$

5, 8, 28, 162, ?, 12870

.. 112

$$5 \times 2 = 10 - 2 = 8$$

$$8 \times 3 = 24 + 4 = 28$$

$$28 \times 4$$

Logic full

$$5 \times 2 = 10 - 2 = 8$$

$$8 \times 4 = 32 - 4 = 28$$

$$? \times 6 = 168 - 6 = 162$$

41

$$162 \times 8 = 1296 - 8 = 1288$$

(a) 1738

(b) 2318

(c) 1288

(d) 2224

corr.

Q.33 FIND THE NEXT TERM

5, 7, 11, 37, 143, ?

$$\underline{143} \times 5$$

720

15

$$\underline{715} + 6$$

$$5 \times 2 = 10 - 3 = 7$$

$$7 \times 2 = 14 - 3 = 11$$

$$11 \times 2 = 22 - 3 = 19$$

∴ Logic fail

$$5 \times 1 + 2 = 7$$

$$7 \times 2 - 3 = 11$$

$$11 \times 3 + 4 = 37$$

$$37 \times 4 - 5 = 143$$

$$143 \times 5 + 6 = \underline{721}$$

(a) 733

(b) 721

(c) 764

(d) 750

Q. 34 FIND THE NEXT TERM

5, 7, 25, 131, ?, 8335

$$5 \times 1 + 2 = 7$$

$$7 \times 3 + 4 = 25$$

$$25 \times 5 + 6 = \textcircled{131}$$

$$131 \times 7 + 8 = 917 + 8$$

$$= \textcircled{925} \quad \underline{\underline{\text{Ans}}}$$

$$5 \times 2 - 3 = 7$$

$$7 \times 3 + 4 = 25$$

$$25 \times 4 - () = \alpha$$

fail

(a) 865

(b) 914

(c) 925

(d) 915

A

Q.35 FIND THE NEXT TERM

15, 3, 10, 28, 41, 79, ?

$$15 + 3 + 10 = 28$$

$$10 + 28 + 41 = 79$$

$$3 + 10 + 28 = 41$$

$$28 + 41 + 79 = 148$$

- (a) 141
- (b) 148
- (c) 158
- (d) 138

Q.36 FIND THE NEXT TERM

656 , 352 , 200 , 124 , 86 , ?
+24

4.3+24
67

$$\frac{656}{2} = 328 + 24 = 352$$

$$\frac{352}{2} = 176 + 24 = 200$$

$$\frac{200}{2} = 100 + 24$$

- (a) 97
- (b) 49
- ~~(c) 67~~
- (d) 57

Q.37 FIND THE NEXT TERM

4, -8, 16, -32, 64, ?

$$\times -2 \quad \times^{-2}$$

$$4 \times -2 = -8$$

$$-32 \times 2 = 64$$

$$-8 \times -2 = 16$$

$$64 \times -2 = -128$$

$$16 \times -2 = -32$$

- (a) 128
- (b) -128
- (c) 192
- (d) -192

Q. 38 FIND THE NEXT TERM

18, 9, 11, ?, 109, 544

$$18 \times 1 - 9 = 9$$

$$9 \times 2 - 7 = 11$$

$$11 \times 3 - 5 = 28$$

$$28 \times 4 - 3 = 109$$

- (a) 34
- (b) 28
- (c) 24
- (d) 14

Q. 39 FIND THE NEXT TERM

61, 49, 57, 41, 45, ? . . .

- (a) 25**
- (b) 58**
- (c) 60**
- (d) 32**

Q. 40 FIND THE NEXT TERM

2, 12, 36, 80, 150, ? . . .

(a) 270

(b) 275

(c) 260

(d) 252