



 *Mahendra's*

UP Police कांस्टेबल 2021

REASONING

MISSING NUMBER

(PREVIOUS YEAR QUESTION)

एकदम शुरू से...



 **4:00 PM**

LIVE 



UPCOMING ONLINE BATCHES

December 2021

01 Dec 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

01:00 PM to 03:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

08 Dec 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

15 Dec 2021

01:00 PM to 03:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

10:30 AM to 12:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

22 Dec 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

29 Dec 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

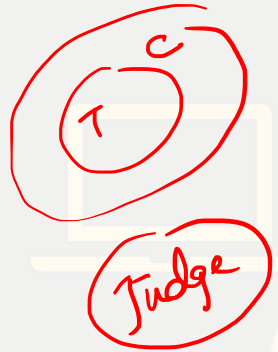
03:00 PM to 05:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

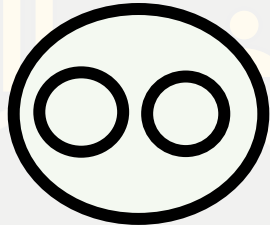
BILINGUAL



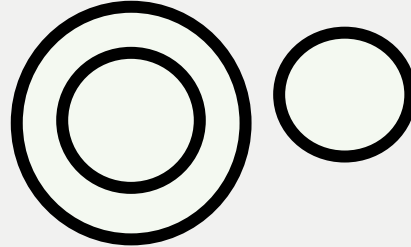
Q. Which of the following diagrams indicates the best relation between Judge, Thieves and Criminals?



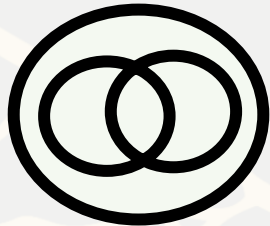
A.



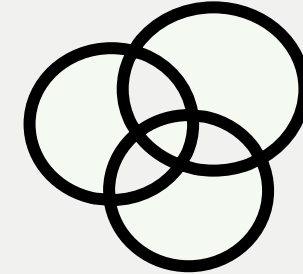
~~B.~~



C.



D.



Q. How many 6s are there in the following number series which are preceded by prime numbers but not immediately followed by prime number ?

निम्नलिखित संख्या श्रृंखला में कितने 6 हैं जिनके पहले अभाज्य संख्या हो लेकिन तुरंत बाद अभाज्य संख्या नहीं?

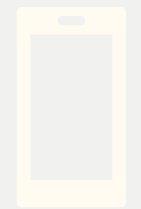
Preceded \Rightarrow Previous
followed \Rightarrow next

25 Dec

5 ~~6~~ 3 7 6 9 8 ~~8~~ 2 6 4 8 3 1 ~~8~~ 3 6 1 5 ~~8~~ 7 6 1 7 ~~8~~ 5 6 9

prime no 6 Prime no^x

- (A) Three
- ~~(B) Five~~
- (C) More than Six
- (D) Six



MISSING NUMBER

Number Series
→ +, -, *, ÷
→ Square, cube
→ Table.



Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- ~~(A) 61~~
- (B) 10
- (C) 25
- (D) 26

$$3 + 2 = (5)^2$$

$$= 25$$

$$+ 4$$

$$29$$

$$3 + 2 = 5$$

$$5^2 = 25$$

$$25 + 4 = 29$$

$$(12)^2 = 144 + 64 = 208$$

$$4 + 8 = 12$$

$$12^2 = 144 + 64 = 208$$

$$1 + 5 = 6$$

$$6^2 = 36$$

$$36 + 25 = 61$$

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- (A) 16
- (B) 15
- (C) 13
- (D) 9

14 Ans

C →

R ₁ ↓	11	6	8
R ₂ ↓	17	12	?
R ₃ ↓	25	34	17
R ₄ ↓	19	28	11

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

$$7 \times 14 = 98 + 7 = 105$$

- (A) 26
- (B) 20
- (C) 16
- (D) 12

$$R_1 \times R_2 + R_1 = R_3$$

$$x \times 9 + 9 = 117$$

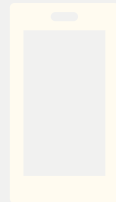
$$9x = 117 - 9$$

$$x = \frac{108}{9}$$

$$= 12$$

$$1 \times 2 + 1 = 3$$

1	7	9
2	14	?
3	105	117



Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 1084

(B) 484

(C) 49

(D) 36

=

$26+23$ = 49 ?	$13+12$ 25	$9+7$ 16
$(23)^2$ 529	$(13)^2$ 169	$(9)^2$ 81
$(26)^2$ 676	$(12)^2$ 144	$(7)^2$ 49

Repeated Question

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 28

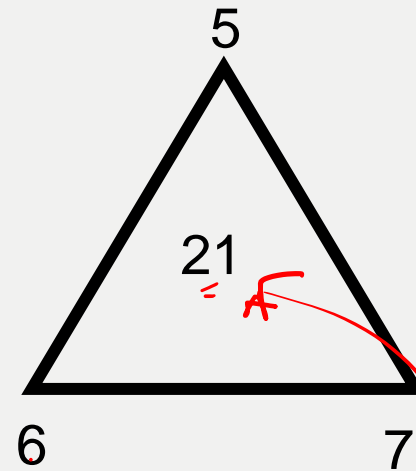
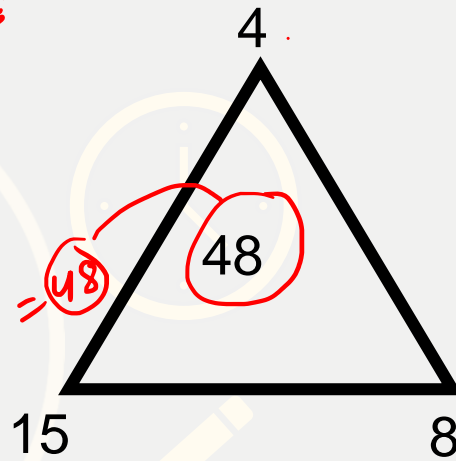
(B) 32

(C) 27

~~(D) 20~~

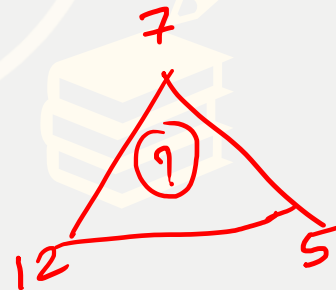
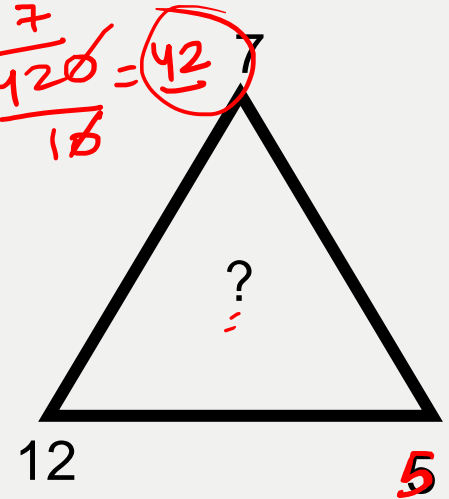
None of these

42
 $4 \times 15 \times 8 = 60 \times 8 = \frac{480}{10} = 48$



$5 \times 6 \times 7 = 30 \times 7 = \frac{210}{10} = 21$

$7 \times 5 \times 12 = 60 \times 7 = \frac{420}{10} = 42$



Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- (A) 16
- (B) 73
- (C) 76
- (D) 94

$$25 + 64 + 9 = 98$$

$$(4)^2 + (2)^2 + (1)^2 = 16 + 4 + 1 = 21$$

4	5	6 = 36
2	3	7 = 49
1	8	3 + 9 = 12
21	98	?

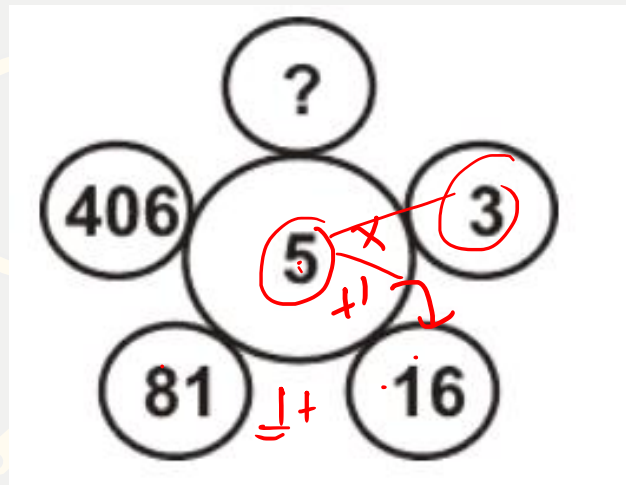
(2)

Repeated Question

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- (A) 201
- (B) 731
- (C) 1625
- (D) 2031



$$\begin{aligned}
 3 \times 5 + 1 &= 16 \\
 16 \times 5 + 1 &= 81 \\
 81 \times 5 + 1 &= 406 \\
 406 \times 5 + 1 &= 2030 + 1 \\
 &= 2031
 \end{aligned}$$

2031

Q. Which number will replace the question mark ?

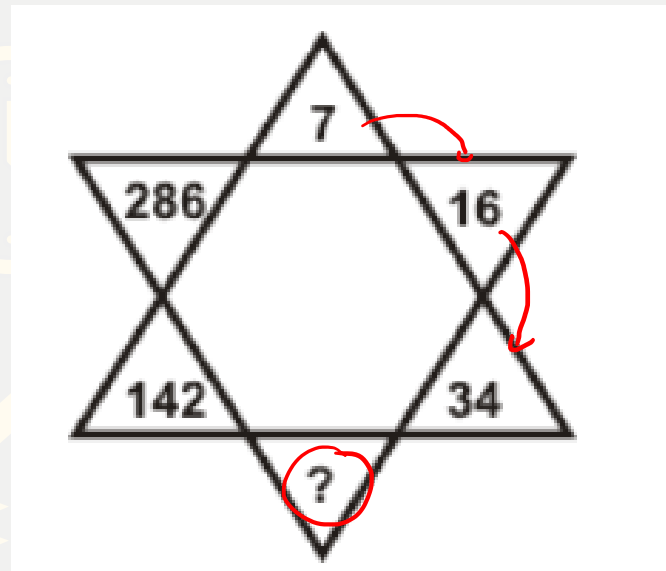
Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 66

(B) 68

(C) 70

(D) 72



$7 \times 2 + 2 = 16$
 $16 \times 2 + 2 = 34$
 $34 \times 2 + 2 = 70$

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 11

(B) 22

(C) 33

(D) 44

C ₁	C ₂	C ₃
42	44	38
23	55	28
37	?	39

$$42 - 38 = 4 \times 11$$

$$28 - 23 = 5 \times 11 = 55$$

$$39 - 37 = 2 \times 11 = 22$$

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 18

(B) 24

(C) 36

(D) 58

C_1	C_2	C_3	C_4
7	9	21	27
4	2	36	18
9	4	54	? (24)

Handwritten annotations: $\times 3$ between C_1 and C_3 in the first row; $\times 3$ between C_2 and C_4 in the first row; $\times 9$ between C_1 and C_3 in the second row; $\times 9$ between C_2 and C_4 in the second row; $\times 6$ between C_1 and C_3 in the third row; $\times 6$ between C_2 and C_4 in the third row.

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

~~(A) 6~~

(B) 7

(C) 8

(D) 9

3	+ 6	+ 8	= 17
5	+ 8	+ 4	= 17
4	+ 7 +	?	= 17

$$\begin{aligned}4 + 7 + x &= 17 \\ x &= 17 - 11 \\ \boxed{x &= 6}\end{aligned}$$

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 14, 7

(B) 16, 8

(C) 25, 5

(D) 36, 4

Square no R₁

natural no R₂

x2 R₃

1	4	9	? (16)
1	2	3	4
2	4	6	8?

Q. Which number will replace the question mark ?

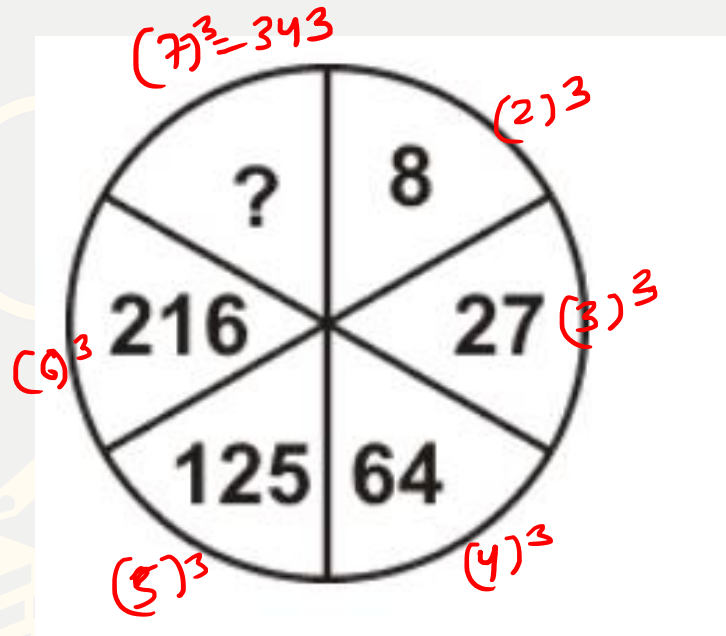
Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

(A) 104

(B) 303

(C) 305

(D) 343



Q. Which number will replace the question mark ?

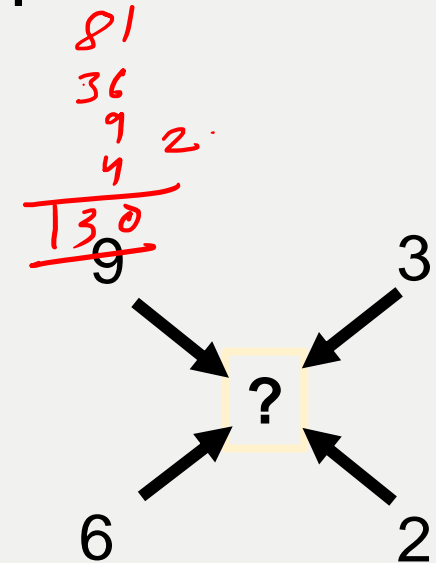
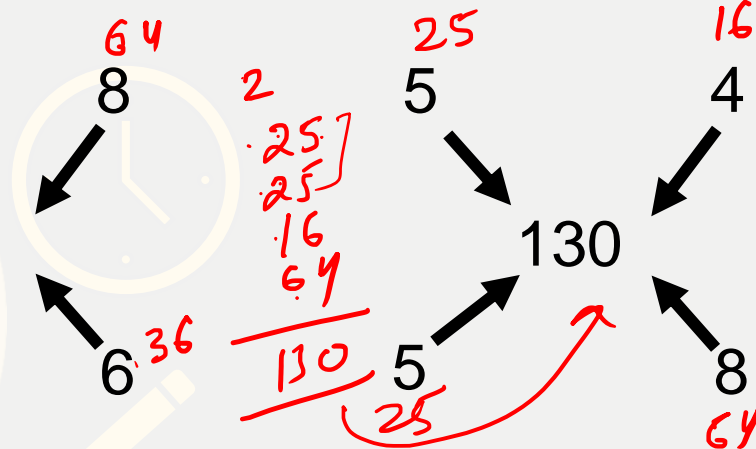
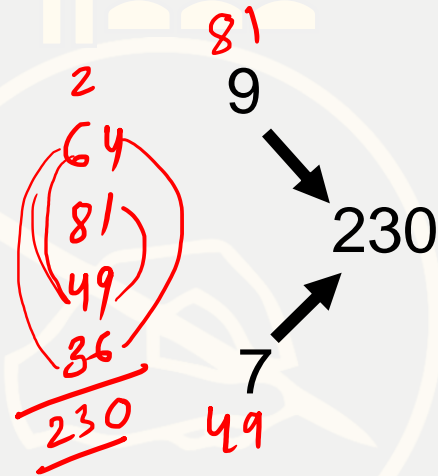
Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी?

(A) 120

(B) 130

(C) 225

(D) 126



Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

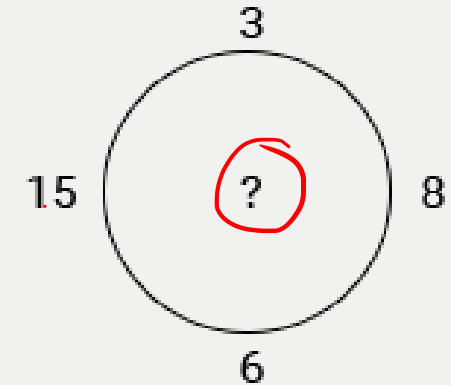
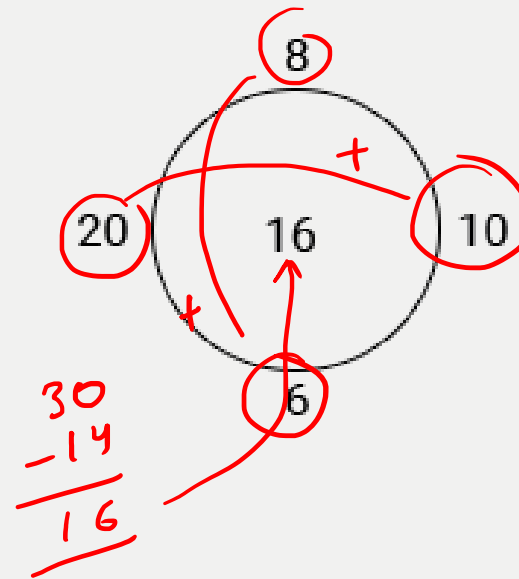
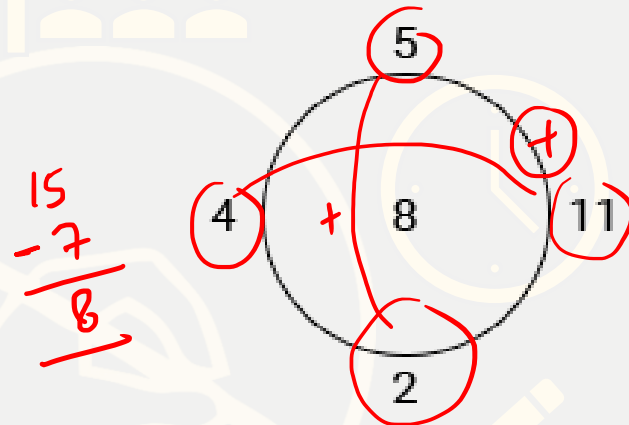
$$\begin{array}{r} (15+8) - (3+6) \\ 23 - 9 = 14 \end{array}$$

(A) 5

(B) 6

(C) 14

(D) 8



~~Q.~~ Which number will replace the question mark ?
Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- A. 3 and 5
- B. 7 and 8
- C. 5 and 6
- D. 2 and 8

6	9	8
8	?	7
6	4	?
42	41	50

Repeated Question

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

$$9 + 6 + 3 = 18$$

$$4 + 6 + 4 = 14$$

963	2	844
464	?	903

$18 - 16 = 2$
 $8 + 4 + 4 = 16$
 $14 - 12 = 2$
 $9 + 0 + 3 = 12$

Repeated

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- (A) 25
- (B) 48
- (C) 59
- (D) 73

$$(4)^3 + (2)^3 + (1)^3 = 64 + 8 + 1 = 73$$

$$(2)^3 + (1)^3 + (3)^2 = 8 + 1 + 27 = 36$$

2	4	0
1	2	4
3	1	3
36	?	91

$$(4)^3 + (3)^2 = 64 + 27 = 91$$

HW

Q. Which number will replace the question mark ?

Q. प्रश्नवाचक चिन्ह के स्थान पर कौन सी संख्या आएगी ?

- (A) 8
- (B) 9
- (C) 10
- (D) 11

HW comment

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3	4	5
3	7	12
3	?	22

