

Doubt → Doubt box

30 sec  
1 min



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Sahi Prep Hai Toh Life Set Hai

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**Practice**

✓ **Analogy**

✓ **Series**

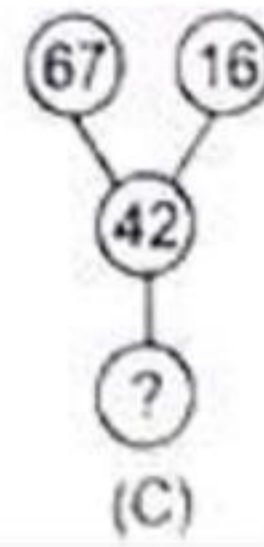
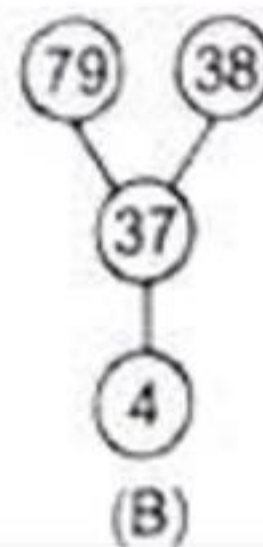
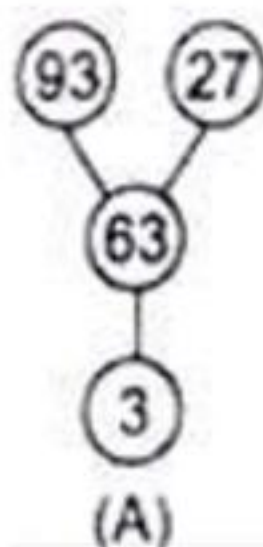
✓ **Missing Number**

$$27 + 3 + 63 = 93$$

Q. In the following question, select the missing number from the given alternatives.

$$4 + 37 + 38 = 79$$

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिये।



$$\begin{aligned} x + 42 + 16 &= 67 \\ x &= 67 - 58 \\ &= 9 \end{aligned}$$

A. 5  
C. 8

B. 6  
D. 9

$$93 - 63 = 30$$

$$\begin{array}{r} 30 \\ - 27 \\ \hline 3 \end{array}$$

$$79 - 37 = 42$$

$$42 - 38 = 4$$

$$67 - 42 = 25$$

$$25 - 16 = 9$$

**Ans. D**

Q. In the following question, select the missing number from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिये।

5	25	5
7	49	7
6	36	6

A. 40  
C. 35

☒ B. 36  
D. 38

**Ans. B**



2, 4, 6

Q. Select the missing number from the given responses.

दिए गए विकल्पों में लुप्त संख्या ज्ञात करें।

2	+	4	+	6	= 10
6		2		4	= 10
4		?		2	= 10

A. 2

B. 4

☒ C. 6

D. 8

**Ans. C**

Q. In the following question, select the missing number from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिये।

$$\begin{array}{rcl}
 4^2 & & 7^2 \\
 16 & & 49 \\
 25 & & 5^2 \\
 9 & & 3^2 \\
 \hline
 83 & & 83
 \end{array}$$

$$\begin{array}{rcl}
 6^2 = 36 & & 8^2 = 64 \\
 4^2 = 16 & & 9^2 = 81 \\
 2^2 = 4 & & 1^2 = 1 \\
 56 & & ? \\
 \hline
 146
 \end{array}$$

A. 146  
 C. 136

B. 128  
 D. 148



**Ans. A**

$15+7=22$   
 $22^2=484$   
 $484-400=84$

84

Q. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

दिए गये तर्क का ध्यानपूर्वक अध्ययन करें और उस संख्या का चयन करें जो इसमें प्रश्नवाचक चिह्न (?) का स्थान ले सकती है।

$26+4=30$   
 $30^2=900$   
 $900-720=180$

15	7	400	84
26	4	720	180
17	13	500	400
21	49	900	?

$17+13=30$   
 $30^2=900$   
 $900-500=400$

- A. 3000  
 C. 2180

- B. 4840  
 D. 4000

$21+49=70$   
 $70^2=4900$   
 $4900-900=4000$



**Ans. D**

Q. In the following question, select the missing number from the given series.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

3	<del>X</del> 7	21
5	<del>X</del> 6	30
8	<del>X</del> 1	?

- A. 9  
C. 16

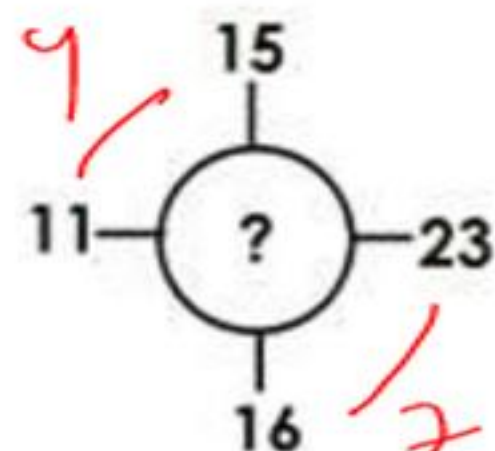
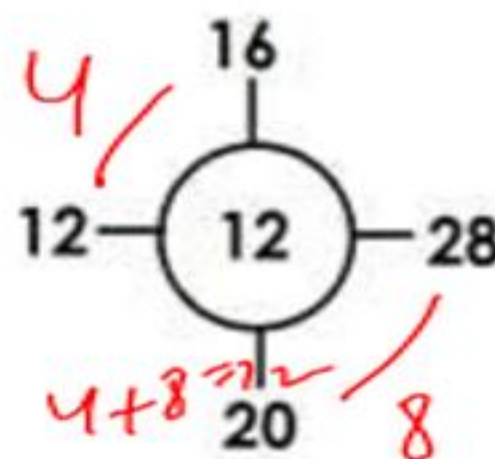
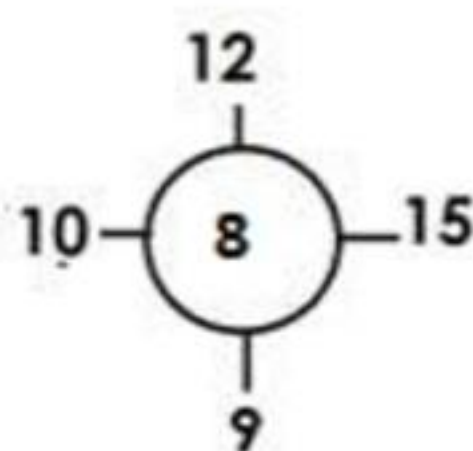
- B. 8  
D. 12

**Ans. B**

$$(12-10) + (15-9) = 2 + 6 = 8$$

Q. In the following question, select the missing number from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिये।



- A. 9  
 C. 15

- ~~B. 11~~  
 D. 10



**Ans. B**

Easy one  
everyone should  
Attempt!  
Come on!  
jus ojus!

Q. Select the missing number from the given responses:

दी गई प्रतिक्रियाओं से लुप्त संख्या का चयन करें।

194	100	?
215	113	79
21	13	29

$$79 - 29 = 50$$

~~A. 50~~

C. 25

B. 94

D. 47

$$215 - 21 = 194$$

**Ans. A**

Q. Select the number that can replace the question mark (?) in the following series.

निम्नलिखित श्रृंखला में (?) के स्थान पर आने वाली संख्या का चयन करें?

961, 984, 1008, 1033, 1059, ?

+23 +24 +25 +26 +27

1086

✓ A. 1086

B. 1084

C. 1078

D. 1096

**Ans. A**

Q. Select the related word/letters/number from the given alternatives.

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

545 : 196 :: 173 : ?

A. 72

B. 121

C. 84

D. 41

$$5+4+5=14^2=196$$

$$1+7+3=11^2=121$$



**Ans. B**

$$\frac{4}{-5} \rightarrow -0.8$$

Q. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

एक अनुक्रम दिया है, जिसमें से एक संख्या लुप्त है। दिए गए विकल्पों में से सही विकल्प चुनिए जो अनुक्रम को पूरा करे।

100, -20, 4, ? , 0.16, -0.032

$$\div -5 \div -5 \div -5$$

A. 0.8

B. 1

C. -1

D. -0.8



**Ans. D**

Q. In the following question, select the missing number from the given series.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

9, 18, 72, 576, ?

$\times 2 \quad \times 4 \quad \times 8 \quad \times 16$

A. 8116

B. 8216

C. 9016

☒ D. 9216

9216

**Ans. D**

$-0.1 \times -2$   
 $0.2$

Q. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

एक अनुक्रम दिया गया है, जिसमें एक पद लुप्त है। दिए गए विकल्पों में से सही विकल्प चुनिए, जो अनुक्रम को पूरा करे।

0.05, -0.1, ? , -0.4, 0.8

$\times -2$   $\times -2$   $\times -2$   $\times -2$

A. -0.2

B. 0.25

C. -0.25

☒ D. 0.2



**Ans. D**

Q. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए, जो अनुक्रम को पूरा करे।

89, 65, 94, 59, 99, 53, 104, ?, ?, ?

A. 47, 109, 43      B. 47, 106, 41

C. 49, 109, 41      D. 47, 109, 41

Handwritten analysis: The sequence 89, 65, 94, 59, 99, 53, 104, ?, ?, ? shows a pattern of alternating +5 and -6. Red arcs connect 89 to 94 (+5), 65 to 59 (-6), 99 to 104 (+5), and 53 to the first missing term (+5). Below the sequence, red arcs connect 65 to 43 (-6), 99 to 106 (-6), and 104 to 109 (+5). Option B is marked with a red checkmark, and option D is also marked with a red checkmark.

**Ans. D**

Q. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए, जो अनुक्रम को पूरा करे।

198, 202, 211, 227, ?

A. 236

☒ B. 252

C. 275

D. 245

$2^2$   $3^2$   $4^2$   $5^2$   
4 9 16 25  
252

**Ans. B**

Q. Select the word pair in which the two words are related in the same way as are the two words in the given word-pair.

Butterflies: Lepidopterists

A. ~~Chromosome~~ : Botanist

B. Postcard : Deltiologist

C. Jewels : Jeweller

D. Map : Calligraphers

Calligrapher

Postcard



**Ans. B**

Q. Find the missing term in the given analogous pair.

$2 : 12, 5 : 122 :: 4 : 252, 7 : \underline{\hspace{2cm}}$

*Handwritten red notes:*  
Above 2:  $2^4 - 4$   
Above 5:  $5^3 - 3$   
Above 4:  $4^4 - 4$   
Above 7:  $7^3 - 3 = 340$

A. 120

B. 320

☒ C. 340

D. 250

**Ans. C**

Q. Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.

Baht : Thailand

A. Dinar : Burma

B. Drachma : Greece

C. Yen : china

D. Guilder : Spain

old  
currency

kyat

yuan

Krone

Euro

Japan

**Ans. B**

**Q. Select the option that is related to the third word in the same way as the second word is related to the first word.**

**Warden : Hostel :: ? : Museum**

**A. Care taker**

**B. Curator**

**C. Watchman**

**D. Owner**

**Ans. B**



Q. Select the option that is related to the third number in the same way as the second number is related to the first number.

$$7 : 344 : 11 : ?$$

*Handwritten in red:*  $7^3 + 1$  and  $11^3 + 1$

A. 1331

☒ B. 1332

C. 121

D. 122

**Ans. B**

Q. Select the related numbers among the given alternatives.

6324 : 10 :: 7639 : ?

A. 12

B. 13

C. 14

D. 15

$$(7 \times 6) - (3 \times 9) \\ 42 - 27 = 15$$

$$(6 \times 3) - (2 \times 4) \\ 18 - 8 = 10,$$

**Ans. D**

Vowel - 4

Consonant + 7

Q. Select the option that is related to the third term in the same way as the second term is related to the first term.

HINDI : OEUKA :: ENGLISH : ?

+7 -4 +7 -4

A. AUNSEZO

B. AUNZESO

C. SEZUUNA

D. UUNASEZ

-4

AUNSE

**Ans. A**

Q. Select the option that is related to the third number in the same way as the second number is related to the first number.

$$9 : 19 :: 29 : \underline{59}$$

*x2+1*      *x2+1*

A. 39

B. 69

☒ C. 59

D. 49



**Ans. C**

Q. Select the option that is related to the third term in the same way as the second term is related to the first term.

$$123 : 32 :: 541 : ?$$

A. 12

✓ B. 22

C. 32

D. 2

$$1 + 2^2 + 3^3 = 32$$

$$5 + 4^2 + 1^3 = 5 + 16 + 1 = 22$$

**Ans. B**

Q. Select the option that is related to the third term in the same way as the second term is related to the first term.

HORSE : SERHO :: CURSE : ?

A. ERCUS

B. SECRU

C. RCUES

~~D. SERCU~~

4 5 3 1 2  
SERCU

1 2 3 4 5  
HORSE  
SERHO  
4 5 3 1 2

**Ans. D**

Q. Select the option that is related to the third number in the same way as the second number is related to the first number.

$4:8::25: \text{---}$

Handwritten annotations:  $2^2$  above 4,  $2^3$  above 8,  $5^2$  above 25, and  $5^3$  above the blank line. The number 125 is handwritten and circled in red.

A. 100

B. 75

C. 625

✓ D. 125

**Ans. D**



Q. Select the option in which the words share the same relationship as that shared by the given pair of words.

ST : HG :: FP : ?

A. UK

UK

B. VK

C. CK

D. KC

**Ans. A**

Q. In the following question, select the related number from the given alternatives

$$1/8 : 1/64 :: ? : 9/25$$

*(Handwritten red marks: a squiggle over 1/8, a squiggle over 1/64, a squiggle over the question mark, and a squiggle over 9/25)*

A.  $3/6$

B.  $9/5$

C.  $3/25$

☒ D.  $3/5$

**Ans. D**

**Q. Select the option that is related to the third term in a way as the second term is related to the first term.**

$$15 : 62 :: 16 : ?$$

$$\times 4 + 2$$

$$\times 4 + 2$$

**A. 66**

**B. 64**

**C. 32**

**D. 56**

**Ans. A**

Q. In the following question, select the related letters from the given alternatives.

BOTTLE : CQWXQK :: FILLED : ?

+1 +2 +3 +4 +5 +6  
✓ A. GKOPJJ

~~B. GKOPJK~~

C. GKPOJJ

D. GHOPJJ

+1 +2 +3 +4 --  
G K O P J



**Ans. A**

Q. Select the related word/letters/ number from the given alternatives.

SGH : TIJ :: UKL : ?

+1 +2+2  
A. OUR

✓ B. VMN

C. ROP

D. HIM

+1+2+2

VMN

**Ans. B**

Q. Select the option that is related to the third term in the same way as the second term is related to the first term.

$841 : 29 :: 484 : ?$

Handwritten red annotations: A curved arrow from 841 to 29 with a superscript 2, and a checkmark below 29. To the right, the number 22 is circled in red.

A. 24

✓ B. 22

C. 28

D. 32

**Ans. B**

Q. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

CELH : GANF :: BUPO : ?

+4, -4 +2, -2

+4, -4 +2, -2

A. FQRM

B. DYXH

C. HUML

D. XYNQ

FQ

**Ans. A**

Q. 'Blade' is related to 'Fan' in the same way 'cockpit' is related to '\_\_\_\_\_'.  


A. Aeroplane

B. Dustbin

C. Helipad

D. Washroom



**Ans. A**

Q. Select the option which has same relationship with the third term as the second term has relationship with the first term.

$$17 : 306 :: 13 : ?$$

☒ A. 182

B. 275

C. 169

D. 144

$$\begin{array}{r} 17^2 = 289 \\ + 17 \\ \hline 306 \end{array}$$

$$\begin{array}{r} 13^2 = 169 \\ + 13 \\ \hline 182 \end{array}$$

**Ans. A**

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the Version



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①  $20:6$ , ⑥  $18:4$ , ①  $22:5$ , ①  $23:8 \rightarrow \text{add}$

$\times 3+2$ ,  $\times 4+2$ ,  $\times 4+2$ ,  $\times 4-1$

②  $118$ ,  $424$ ,  $262$ ,  $238$

$+10$ ,  $+10$ ,  $+10$ ,  $+13$

③  $37$ ,  $71$ ,  $83$ ,  $77 \rightarrow \text{Composite No}$

④  $83$ ,  $85$ ,  $61$ ,  $45$

$+11$ ,  $+13$ ,  $+7$ ,  $+9 = 3^2 \rightarrow \text{Composite No}$

⑤  $12-13$ ,  $35-36$ ,  $31-32$ ,  $15-16$

$\emptyset$   $\emptyset$ ,  $\emptyset$   $\emptyset$ ,  $\emptyset$   $\emptyset$ ,  $\emptyset$   $\emptyset$



①  $1919$   $\begin{smallmatrix} + & + & + \\ 20 \end{smallmatrix}$ ,  $\textcircled{5656}$   $\begin{smallmatrix} + & + & + \\ 22 \end{smallmatrix}$ ,  $6761$   $\begin{smallmatrix} + & + & + \\ 20 \end{smallmatrix}$ ,  $7760$   $\begin{smallmatrix} + & + & + \\ 20 \end{smallmatrix}$

②  $2195$   $\begin{smallmatrix} \times & \times & \times \\ 190 \end{smallmatrix}$ ,  $\textcircled{5193}$   $\begin{smallmatrix} \times & \times & \times \\ 1135 \end{smallmatrix}$ ,  $3561$   $\begin{smallmatrix} + & \times & \times \\ 140 \end{smallmatrix}$ ,  $9512$   $\begin{smallmatrix} \times & \times & \times \\ 070 \end{smallmatrix}$

③  $97, 23, 59, \textcircled{81} \rightarrow \text{Composite}$

④  $\textcircled{2437}$   $\begin{smallmatrix} + & + & + \\ 16 \end{smallmatrix}$   $2 \times (4+1) = 10$ ,  $9118$   $\begin{smallmatrix} + & + & + \\ 94 \end{smallmatrix}$   $9 \times (11+1) = 108$ ,  $8548$   $\begin{smallmatrix} + & + & + \\ 25 \end{smallmatrix}$   $8 \times (5+1) = 48$ ,  $7649$   $\begin{smallmatrix} + & + & + \\ 26 \end{smallmatrix}$   $7 \times (6+1) = 49$

⑤  $85431$   $\begin{smallmatrix} + & + & + \\ 21 \end{smallmatrix}$ ,  $\textcircled{23870}$   $\begin{smallmatrix} + & + & + \\ 20 \end{smallmatrix}$ ,  $99300$   $\begin{smallmatrix} + & + \\ 21 \end{smallmatrix}$ ,  $11559$   $\begin{smallmatrix} + & + & + \\ 21 \end{smallmatrix}$