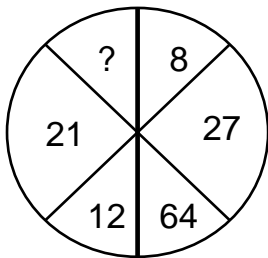


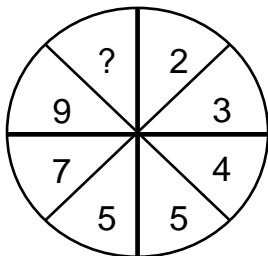
(EIC01-0001E)



- A) 4
- B) 305
- C) 343
- D) 729

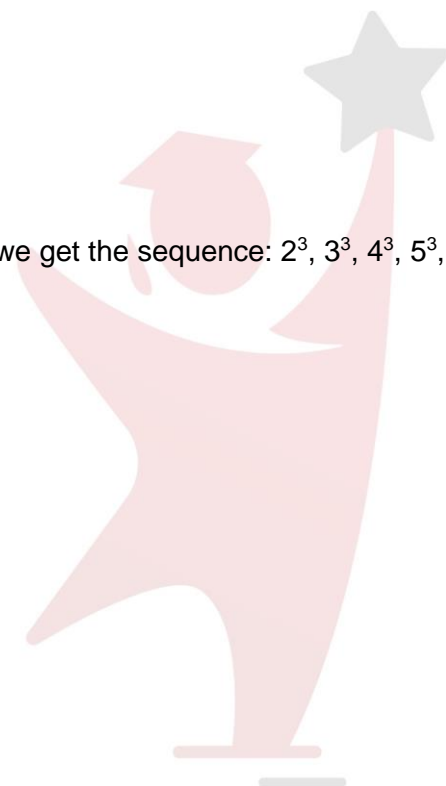
Moving clockwise, we get the sequence: $2^3, 3^3, 4^3, 5^3, 6^3, 7^3$.

(EIC01-0002E)



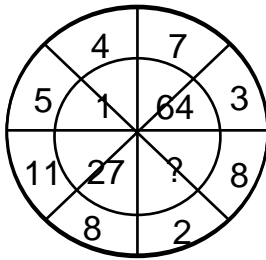
- A) 10
- B) 11
- C) 12
- D) 13

The numbers in the right half form the series : 2, 3, 4, 5.
 The numbers in the left half form the series : 5, 7, 9, 11.



PARHO AUR
ChaaJao

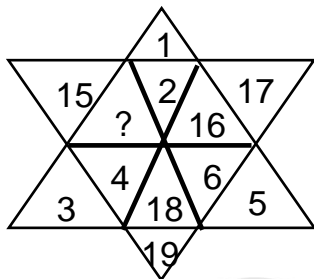
(EIC01-0003E)



- A) 0
- B) 8
- C) 125
- D) 216

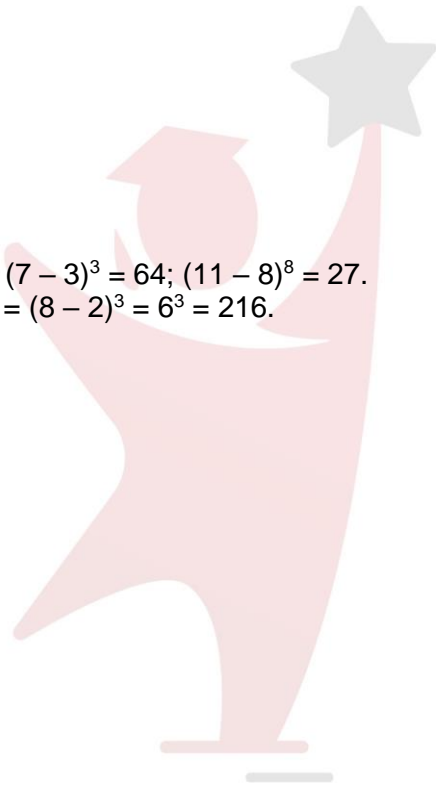
Clearly, $(5 - 4)^3 = 1$; $(7 - 3)^3 = 64$; $(11 - 8)^3 = 27$.
 So, missing number = $(8 - 2)^3 = 6^3 = 216$.

(EIC01-0004H)



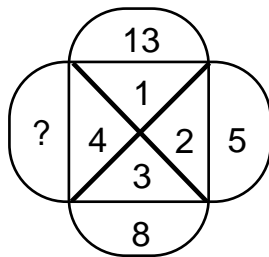
- A) 13
- B) 14
- C) 20
- D) 21

The given figure contains numbers 1 to 6 in three alternate segments, the smaller number being towards the outside and the numbers 14 to 19 in the remaining three alternate segments with the smaller number towards the inside.



PARHO AUR
Chaaajao

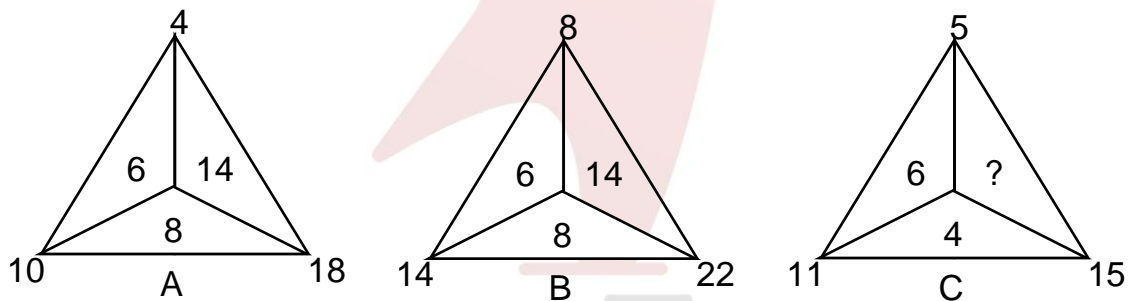
(EIC01-0005H)



- A) 10
- B) 11
- C) 12
- D) 13

The arrangement is : $5 + 3 = 8$, $8 + 4 = 12$. $12 + 1 = 13$.
So, missing number is 12.

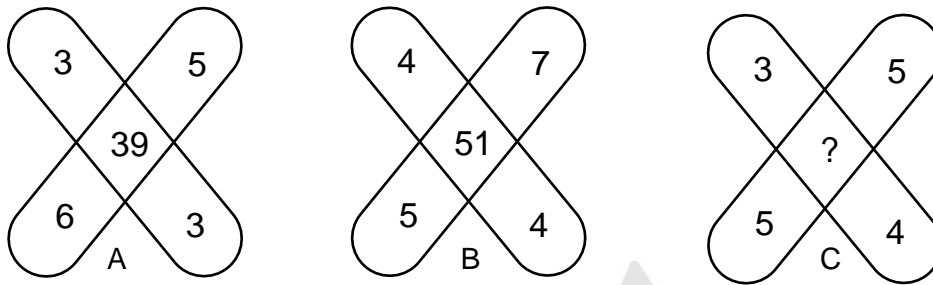
(EIC01-0006E)



- A) 6
- B) 8
- C) 10
- D) 14

In fig. (A), $10 - 4 = 6$, $18 - 10 = 8$, $18 - 4 = 14$.
In fig. (B), $14 - 8 = 6$, $22 - 14 = 8$, $22 - 8 = 14$.
In fig. (C), $11 - 5 = 6$, $15 - 11 = 4$.
So, missing number = $15 - 5 = 10$.

(EIC01-0007M)



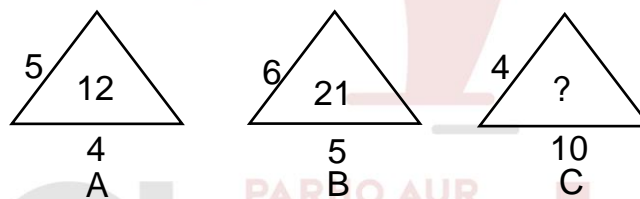
- A) 47
- B) 45
- C) 37
- D) 35

In fig. (A), $(3 \times 3) + (6 \times 5) = 39$.

In fig. (B), $(4 \times 4) + (5 \times 7) = 51$.

∴ In fig. (C), missing number = $(3 \times 4) + (5 \times 5) = 37$.

(EIC01-0008M)



- A) 14
- B) 22
- C) 32
- D) 320

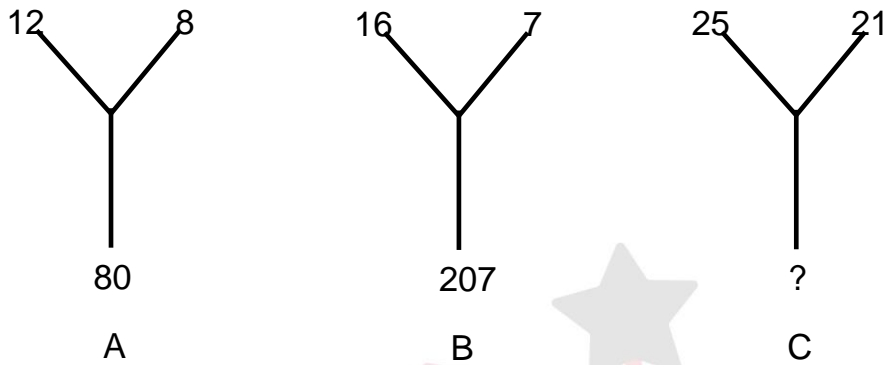
The number inside the triangle is obtained by dividing the product of the numbers along the sides of the triangle by 10. Thus,

In fig. (A), $(5 \times 6 \times 4) / 10 = 12$.

In fig. (B), $(6 \times 7 \times 5) / 10 = 21$.

∴ In fig. (C), missing number = $(4 \times 8 \times 10) / 10 = 32$.

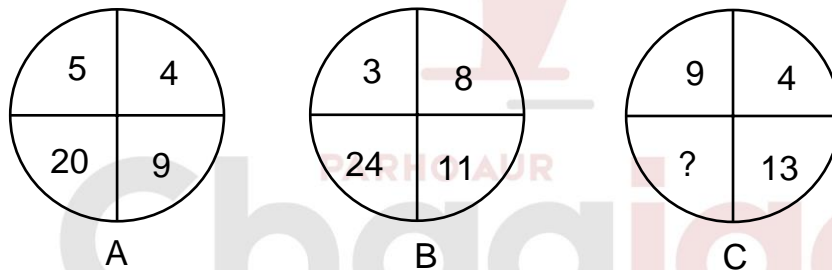
(EIC01-0009M)



- A) 184
- B) 210
- C) 241
- D) 425

The lower number is the difference of the squares of the upper two numbers. Thus,
 In fig. (A), $12^2 - 8^2 = 80$.
 In fig. (B), $16^2 - 7^2 = 207$.
 \therefore In fig. (C), missing number = $25^2 - 21^2 = 625 - 441 = 184$.

(EIC01-0010M)



- A) 117
- B) 36
- C) 32
- D) 26

In fig. (A), $5 \times 4 = 20$, $5 + 4 = 9$.
 In fig. (B), $3 \times 8 = 24$, $3 + 8 = 11$.
 \therefore In fig. (C), missing number = $9 \times 4 = 36$.

Answers Key	
1	C
2	B
3	D
4	B
5	C
6	C
7	C
8	C
9	A
10	B

PARHO AUR
Chaaajao