Number Puzzles Part-2

Q1. Find out the missing number. ___Number Puzzles ✓ 40Q. ✓___

4 ×2	8 ×2	16
5	10	20
6	12	?

$4 \times 2 = 8 \times 2 = 16$

$5 \times 2 = 10 \times 20 = 20$

$6 \times 2 = 12 = 12 \times 2 = 24$

Logic

more than one logic

A. 18   B.24   C.30
d.40

Q2.

8	3	21
6	5	25
12	2	?

Find out the missing number?

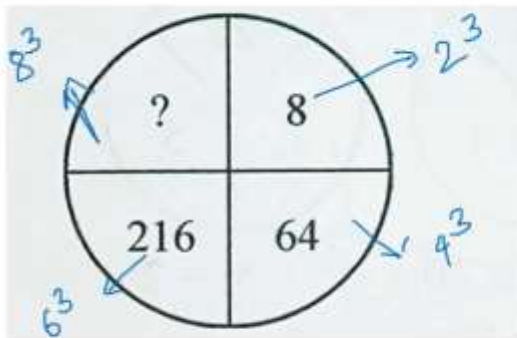$8 \times 3 - 3 = 21$ ✓

$6 \times 5 - 5 = 25$

$12 \times 2 - 2 = 22$

A. 24   B.19   C.22
d.20

Q3. Find out the missing number.

8^3 ? | 8 2^3

6^3 216 | 64 4^3

$8^3 = 512$

A. 343   B.512   C.729
d.1000

Q4. Find out the missing number?

5	6	12
4	3	4
2	3	?
18	27	96

4 rows
4 columns

4 row

16 × 6

$(5+4) \times 2 = 18$

$(6+3) \times 3 = 27$

$(12+4) \times 6 = 96 \checkmark$

A. 4   B.5 C.6 d.3

Q5. Find out the missing number?

9	12	8
6	7	3
45	95	?

$(9)^2 - (6)^2 = 81 - 36 = 45$

$(12)^2 - (7)^2 = 144 - 49 = 95$

$(8)^2 - (3)^2 = 64 - 9 = 55$

A. 35   B.45 C.55
d.65

Q6. Find out the missing number ?

5	15	5
10	?	6
3	2	5

150   150 150

$5 \times 10 \times 3 = 150 \checkmark$

$15 \times 5 \times 2 = 150 \checkmark$

$5 \times 6 \times 5 = 150 \checkmark$

A. 5   B.7 C.9 d.12

Q7. Find out the missing number ?

	4	
5	0	6
	7	

	8	
7	1	6
	4	

	0	
11	?	2
	2	
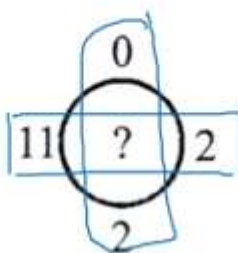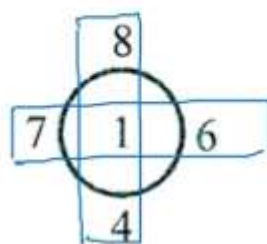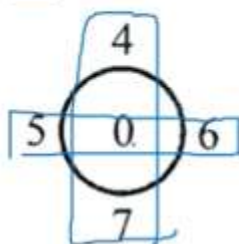
(a) 0   (b) 2

(c) 11   (d) 12

$(5+6)-(4+7)$ $(7+6)-(8+4)$ $(11+2)-(2+0)$

$11-11=0$ $13-12=1$ $13-2=11$

Q9. Find out the missing number .

Star diagram with values: 7, 15, ?, 127, 31, 63
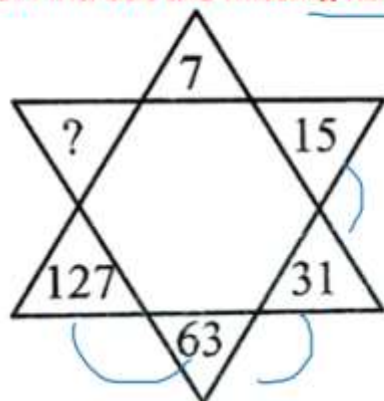
$7 \times 2 + 1 = 15$

$15 \times 2 + 1 = 31$

$31 \times 2 + 1 = 63$

$(63 \times 2 + 1) = 127$

$127 \times 2 + 1 = (255)$

254

A. 221   B. 236   C. 255
d. 190

Q10. Find out the missing number .
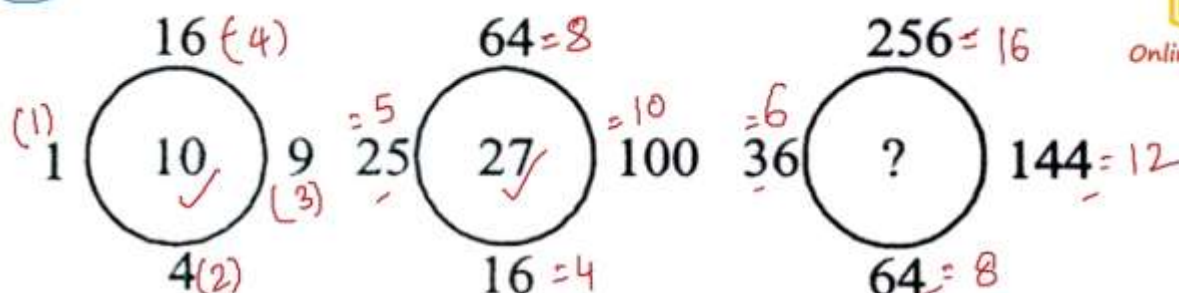
16 (4)   64 = 8   256 = 16

(1)
1   (10) 9   25 (27) 100 = 10   =6   36 (?) 144 = 12
        = 5
        (3)

4 (2)   16 = 4   64 = 8

(a) 37 $(8+10+4+5)$ (b) 47 $16+12+8+6$ Squares
                 27   (d) 42 $= 42$
(c) 56

$4+3+2+1 = 10$

Q11. Find out the missing number .

12
4
16
4+4+4
12
4
17   18   4   5
13   14

18
5
23
?
5   24   25   5
19   20

5+5+5 = 15

A. 15   B.12   C.8
d.18
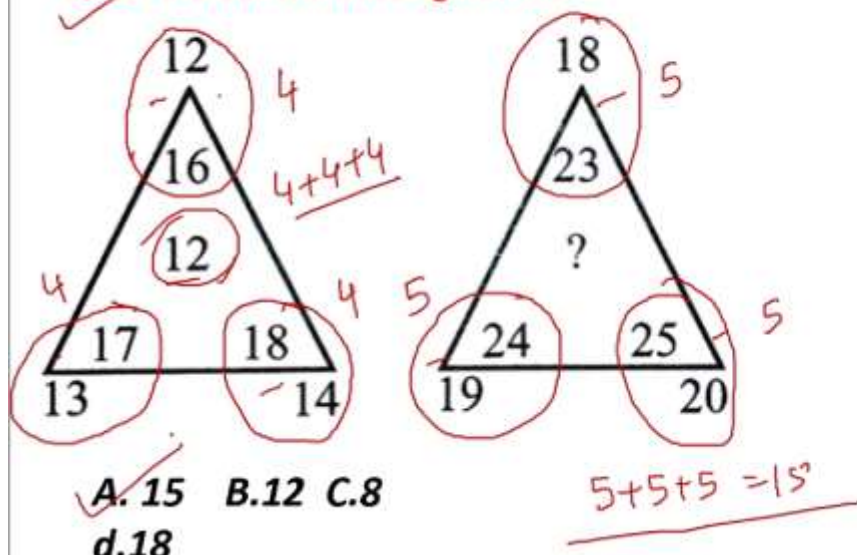
Q12. Find out the missing number .

$11^2 + 1$

$2^2 + 1$

5
122   10 $3^2 + 1$
50   ? 26

$7^2 + 1$
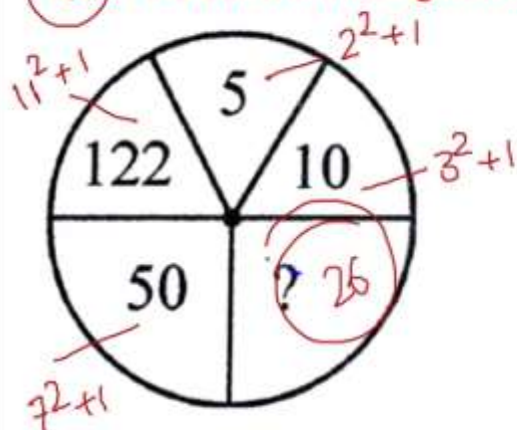
$5 = 2^2 + 1$
$10 = 3^2 + 1$
$26 = 5^2 + 1$
$50 = 7^2 + 1$
$122 = 11^2 + 1$

2, 3, 5, 7, 11
prime No

A. 26   B.25   C.23
d.27

Q13. Find out the missing number .   Tricky

28	20	7
84	35	12
45	?	9

$\frac{28}{7} : 4 \times 5 = 20$

$\frac{84}{12} \times 5 = 35$

$\frac{45}{9} \times 5 : 5 \times 5 = 25$

A. 19   B.22   C.26
d.25

Q14. Find out the missing number.

9	3	8
6	6	6
15	8	11
12	11	?

$\Rightarrow (15+6)-9 = 12$ ✓

$(8+6)-3 = 11$ ✓

$(11+6)-8 = 9$

_____

Casi

A. 8   B. 9   C. 10   d. 13

Q15. Find out the missing number.

$8+7+6 = 21$ $11+9+10 = 30$

8
↑
64   36 ←6   11✓ 121   81 9✓

(21)✓   ?0

49 → 7   100 10✓
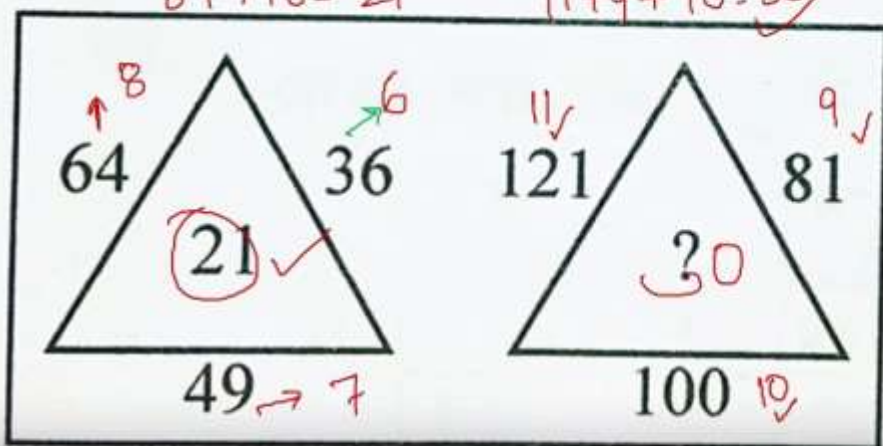
a. 24   b. 22   c. 26   d. 30

Q16. Find out the missing number.

	3	
1	60	4
	5	

	7	
6	84	1
	2	

	10	
3	?	3
	1	
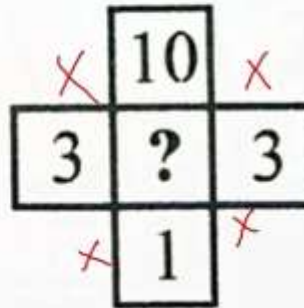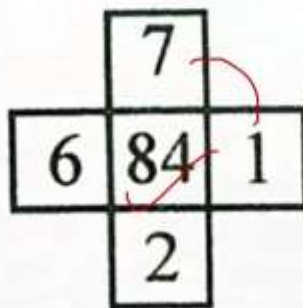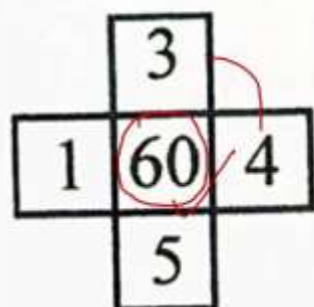
$3 \times 4 \times 5 \times 1 = 60$ $7 \times 1 \times 2 \times 6 = 84$ $10 \times 3 \times 1 \times 3 = 90$

A. 80   B. 90   C. 70

d. 60

Q17. Find out the missing number.

90?	120	150
110	100	90
80	60	40

280 280 280

hit & trail

A. 60   B.70   C.80
d.90

Q18.

04. In the following question, a figure carrying certain numbers is given. Assuming that the numbers in the figure follow a similar pattern, find the missing number.

Good Question

17	8	5	5	5
13	7	5	4	4
6	12	6	3	3
10	6	4	?	2

$(17+8) = 25 = 5 \times 5$

$(13+7) = 20 = 5 \times 4$

$(6+12) = 18 = 6 \times 3$

$(10+6) = 16 = 4 \times 4$ ✓

Logic

(1) 4

(2) 5

(3) 6

(4) 2 ✓

Q19. Find out the missing number.

$(7 \times 3 \times 3 + 7 = 70$

$(2 \times 9 \times 4 + 12)$

$72 + 12 = 84$

4	3	2	8	32
5	3	1	9	24
7	3	3	7	70
2	9	4	12	?

A. 60   B.84   C.27
d.120 ✓

$(4 \times 3 \times 2 + 8) = 32$

$(5 \times 3 \times 1 + 9) = 24$

Q20. Find out the missing number.

10+1=11

(11)

5+6=11

A. 11
B. 15
C. 8
D. 7

(8)

mise
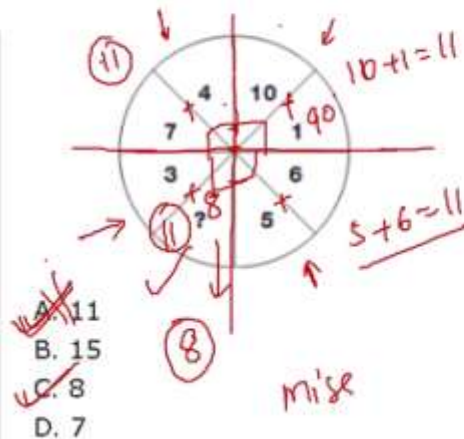
Q21. Find out the missing number.
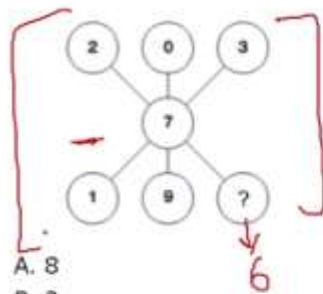
Simple ✓

$$203 - 7 = 196$$

$$\begin{array}{r} 203 \\ 7 \\ \hline 196 \end{array}$$

6

A. 8
B. 3
C. 1
D. 6

Q22. Find out the missing number.

Simple

2	3
6	4
8	12
24	?

16

A. 12
B. 9
C. 16
D. 7

Q23. Find out the missing number .

7	3	6	2
2	8	5	4
1	1	2	4
4	2	1	?

A. 4
B. 7
C. 9
D. 11

Q24. Find out the missing number .

$9+1+5 = 15$

$4+8+3 = 15$

$2+7+7 = 15$

A. 7
B. 9
C. 6
D. 1
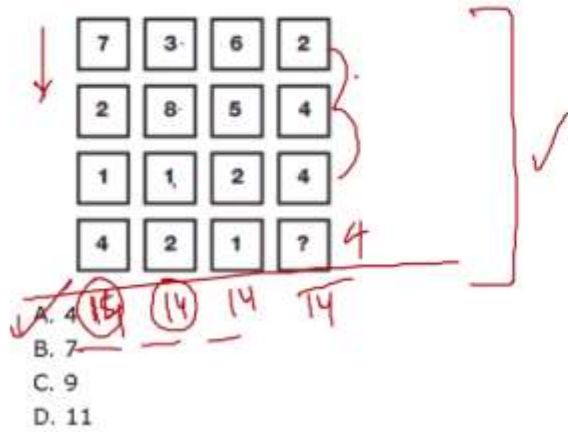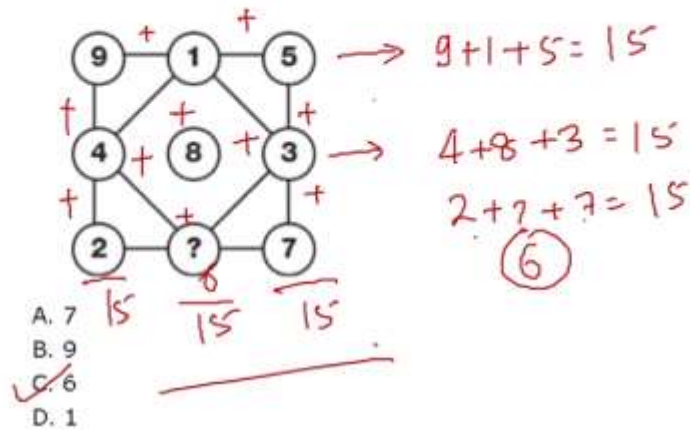
Q25. Find out the missing number

Number

A. 12
B. 16
C. 23
D. 34
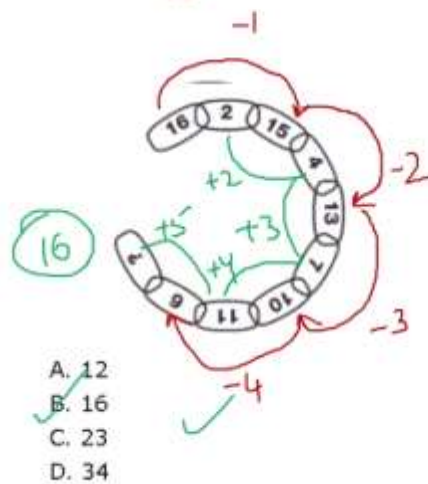
Q26. Find out the missing number.

Which number replaces the question mark?

A. 3
B. 5
C. 7
D. 9
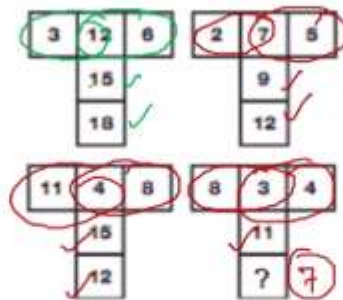
Q27. Find out the missing number.
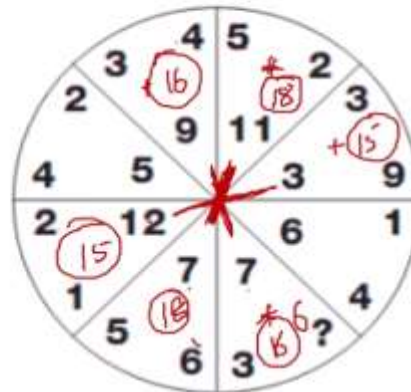
Which number replaces the question mark?

A. 6
B. 4
C. 8
D. 11

Q28. Find out the missing number.

Which number replaces the question mark?

A. 56
B. 34
C. 23
D. 42
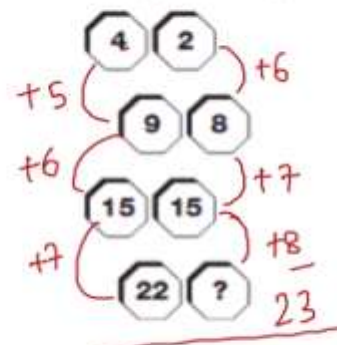
Q30. Find out the missing number.

Which number replaces the question mark?

9 + 4 = 13
9 - 4 = 5

9

5 20

13 2

4 7 15 ?

9 + 11 = 20

11 - 9 = 2

A. 13
B. 15
C. 11
D. 9
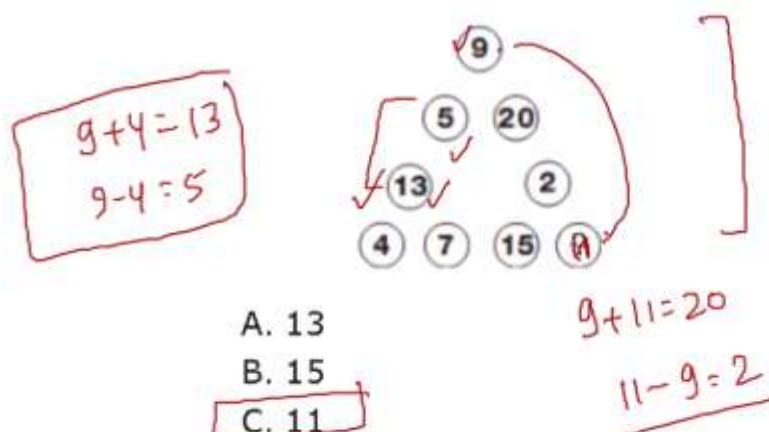
Q31. Find out the missing number.

5

21 = 9 + 6 + 6

? + 13 + 6 = 24

Human

21 = 7 X 3

4 X 6 = 24

A. 5
B. 3
C. 1
D. 7
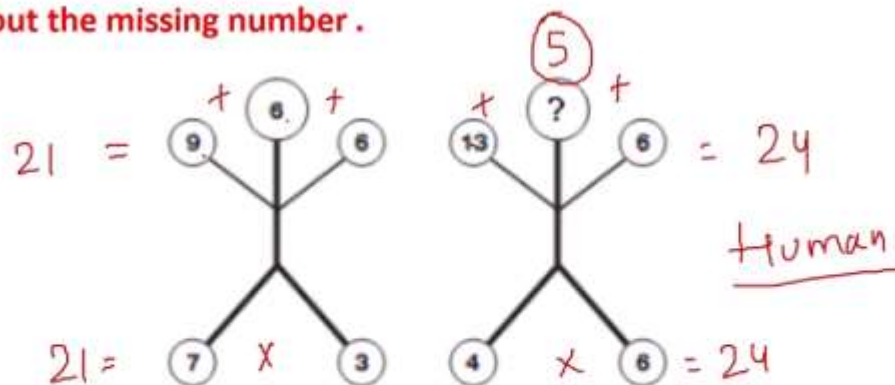
Q32. Find out the missing number.

Logic

6

11   9

2   4

16   14

19   19

?!

19   19
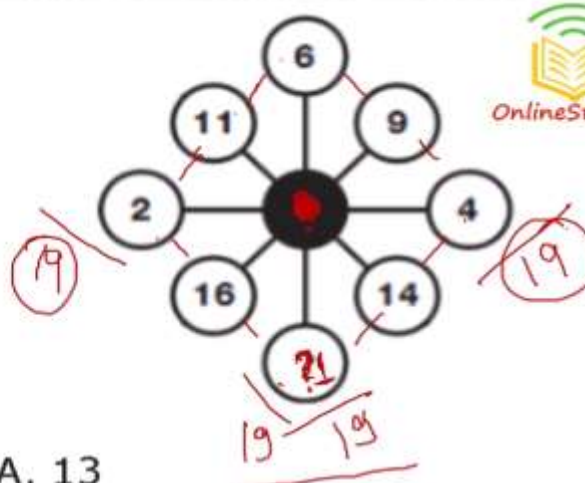
A. 13
B. 2
C. 11
D. 1

Q33. Find out the missing number.

OnlineStudy4u

logic.

| 6 | 7 | 2 |

| 13 | 9 |

| 22 |

| 17 | 5 |

| 13 | 4 | 1? |

A. 34

B. 12

C. 2

D. 1

Q34. Find out the missing number.

OnlineStudy4u
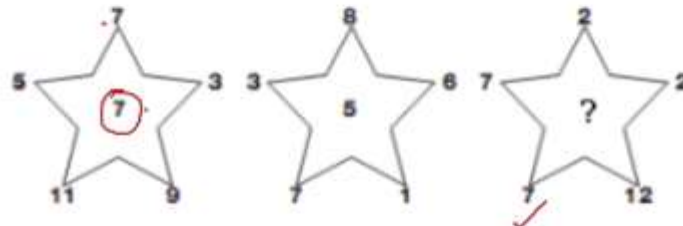
Which number replaces the question mark?

hit & total

$\begin{array}{r} 13 \\ -4 \\ \hline 9 \end{array}$

Star 1: 2, 4, 7, 9, 3, 1

Star 2: 3, 3, 5, 5, 6, 4, 2

Star 3: 9, 6, 2, 4, 3, ?

$\begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array}$

$\begin{array}{r} 17 \\ -7 \\ \hline 10 \end{array}$

Area

A. 11

B. 45

C. 10

D. 21
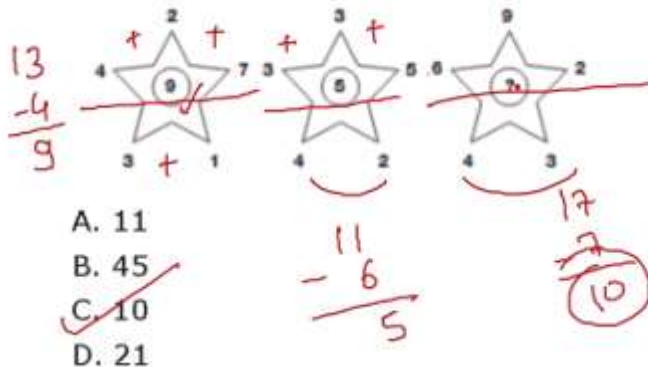
Q35. Find out the missing number.

OnlineStudy4u

Which number replaces the question mark?

| 7 | 2 |
| 9 | 5 |

| 3 | 10 |
| 13 | 7 |

| 6 | -1 |
| 7 | 5 |

| 4 | 5 |
| 9 | 1? |
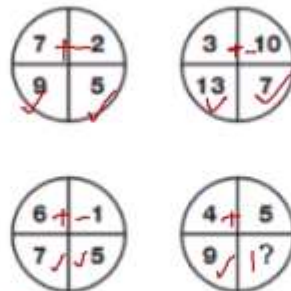
A. 1

B. 2

C. 3

D. 4

Q36. Find out the missing number .

Average

15
×21

Which number replaces the question mark?

$$\frac{2+2+12+7+7}{5}$$

$$\frac{30}{5} = 6$$

A. 8
B. 13
C. 15
D. 6

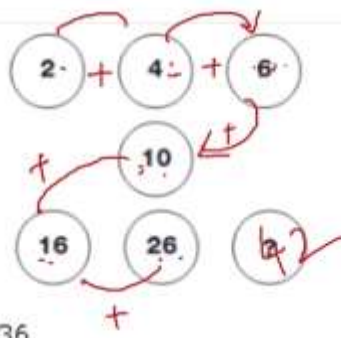$$\Rightarrow \frac{7+3+9+11+5}{5}$$

$$\frac{35}{5} = 7$$

$$\frac{8+6+1+7+3}{5} = \frac{25}{5} = 5$$

Q37. Find out the missing number .

fibonali series

A. 36
B. 40
C. 42
D. 44

$$\begin{array}{c} 16 \\ 26 \\ \hline 42 \end{array}$$

Q37. Find out the missing number .

unique

Which number replaces the question mark?

R_1 | 1 | 7 | 9
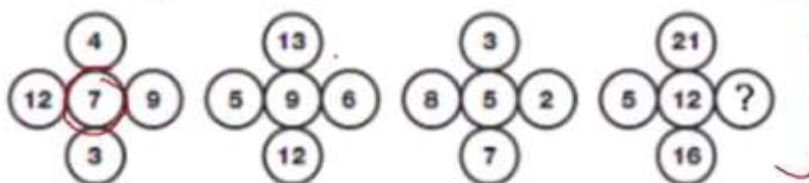R_2 | 3 | 6 | 3
| 5 | 4 | 2
| 2 | 7 | 5
| 2 | 6 | 7

$R_3 = R_1 + R_2$

$R_3 = R_4 + R_5$

A. 8
B. 3
C. 5
D. 7

Q38. Find out the missing number .

Which number replaces the question mark?

A. 6
B. 9
C. 12
D. 15

$$\frac{12+4+9+3}{4} = \frac{28}{4} = 7$$

$$\frac{13+6+12+5}{4} = \frac{36}{4} = 9$$

$$\frac{3+2+7+8}{4} = \frac{20}{4} = 5$$

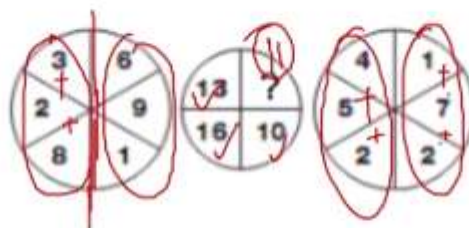$$\frac{5+21+16+x}{4} = 12$$

$$42+6$$

Q39. Find out the missing number .
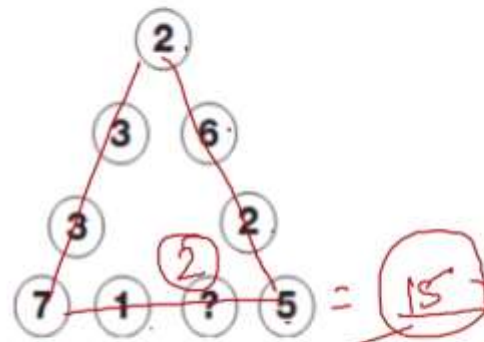
Which number replaces the question mark?

A. 13
B. 21
C. 42
D. 11

Which number replaces the question mark?

Number
Puzzles ✓

A. 4
B. 2
C. 6
D. 7