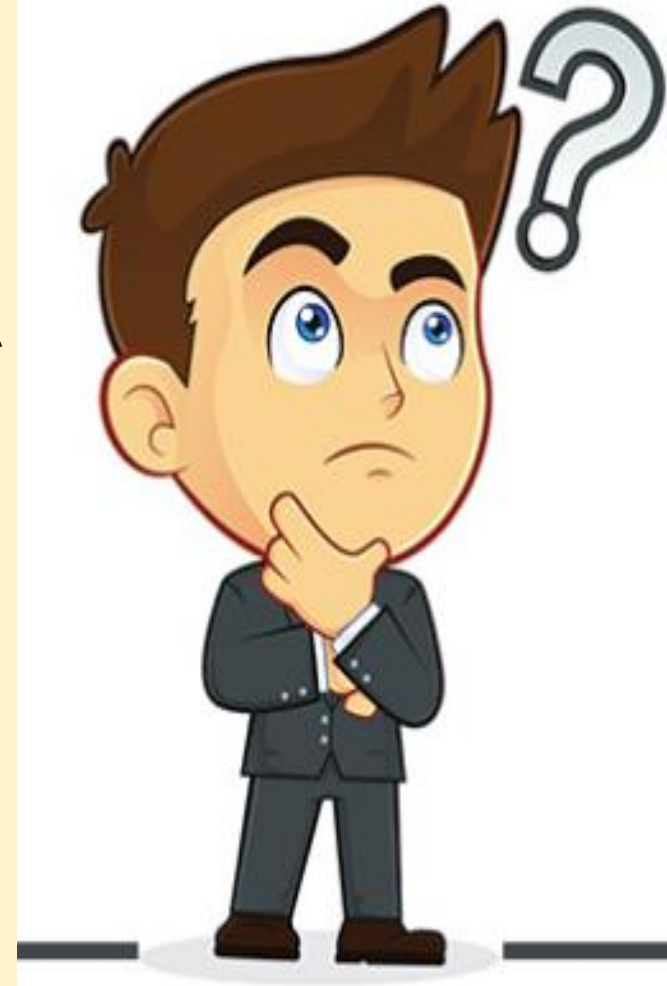




**MISSING
CHARACTER
(BASIC CONCEPT)**

ABOUT MISSING CHARACTER

In this type of questions, a figure or a matrix is given in which some numbers are filled according to a particular rule. A place is left blank. You have to find out a character (a number or a letter) from the given possible answers which may be filled in the blank space.



Q (1) Which number will replace the question mark ?

4A	6C	24B
5A	?	45C
9B	4C	36A

(A) 9B

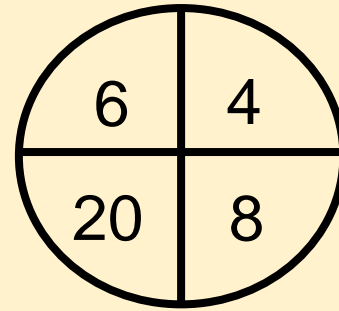
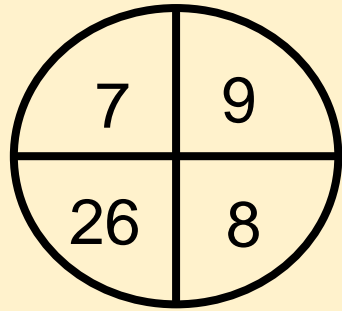
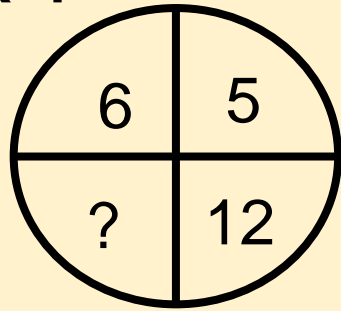
(B) 4B

(C) 12A

(D) 12B



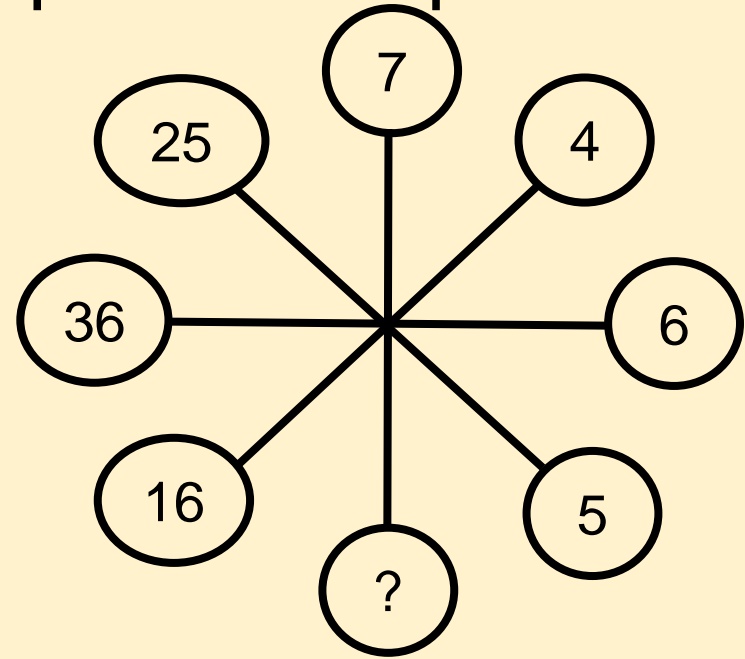
Q(2) Which number will replace the question mark ?



- (A) 24
- (C) 25

- (B) 28
- (D) 39

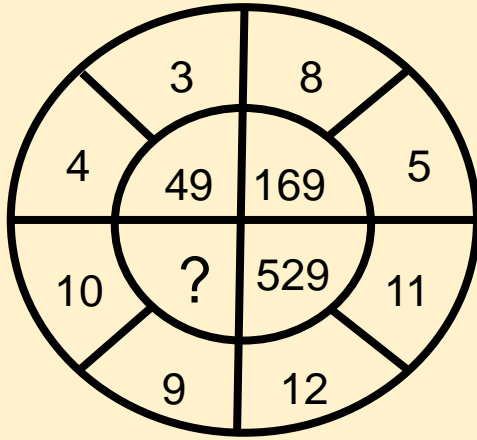
Q(3) Which number will replace the question mark ?



- (A) 49
- (C) 7

- (B) 12
- (D) 35

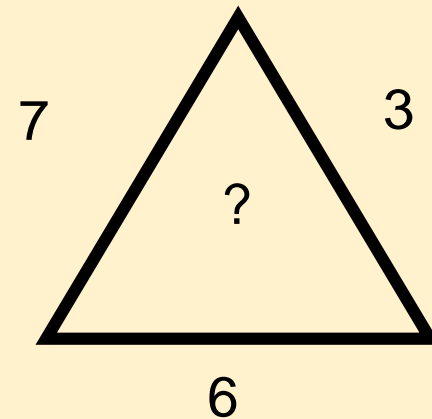
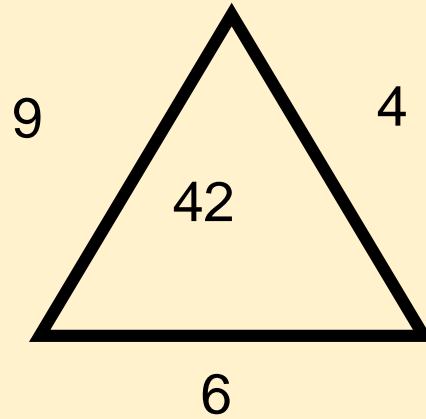
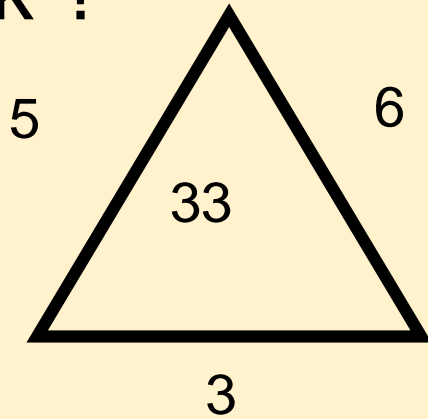
Q(4) Which number will replace the question mark ?



(A) 361
(C) 65

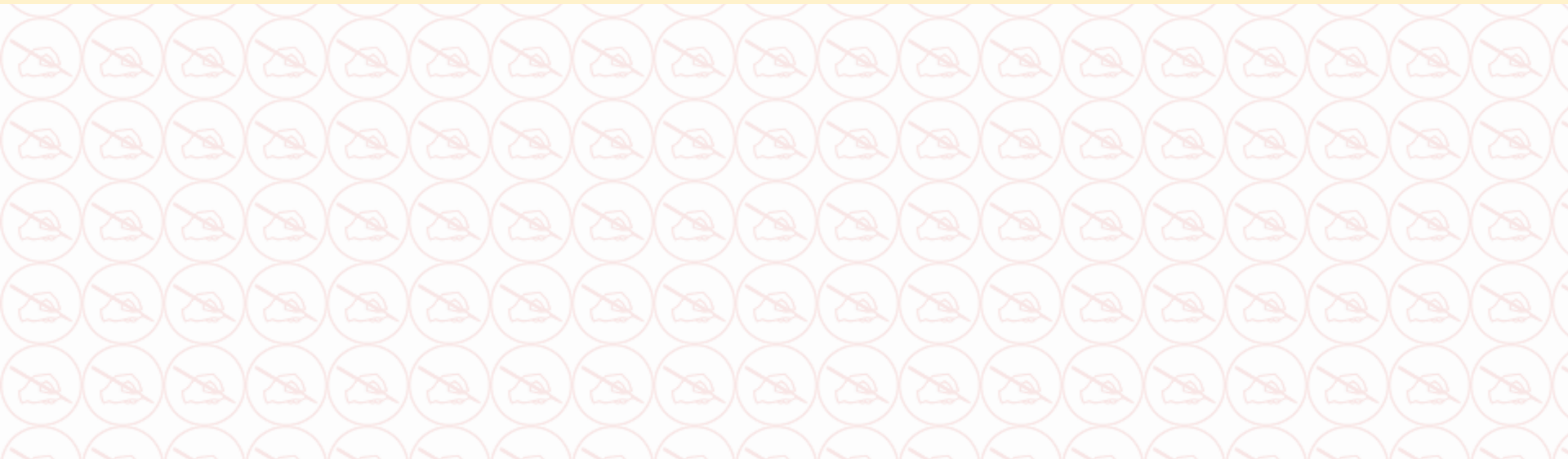
(B) 296
(D) 19

Q(5) Which number will replace the question mark ?



- (A) 28
- (C) 27

- (B) 32
- (D) 20



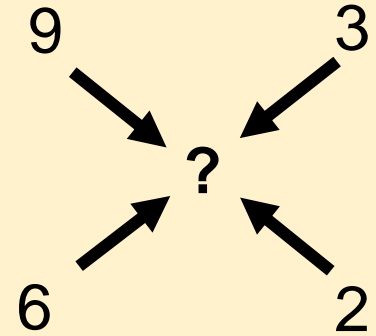
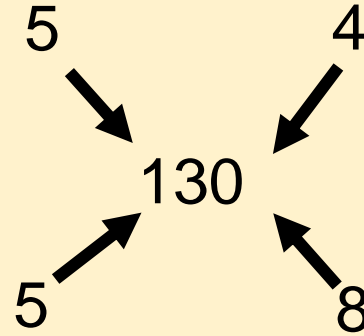
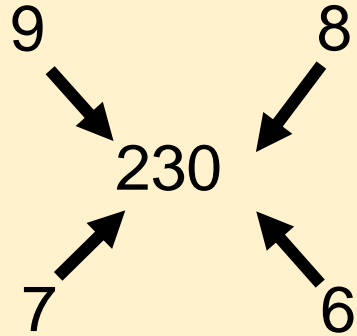
Q(6) Which number will replace the question mark ?

- (A) 3
- (C) 5

- (B) 4
- (D) 7

9	17	16
5	4	5
5	4	?
50	72	87

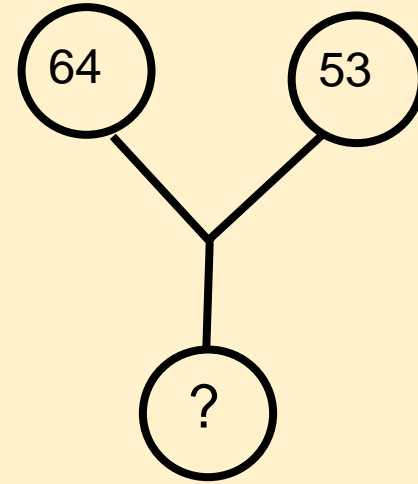
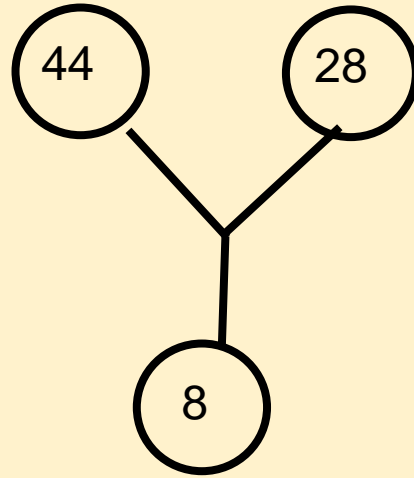
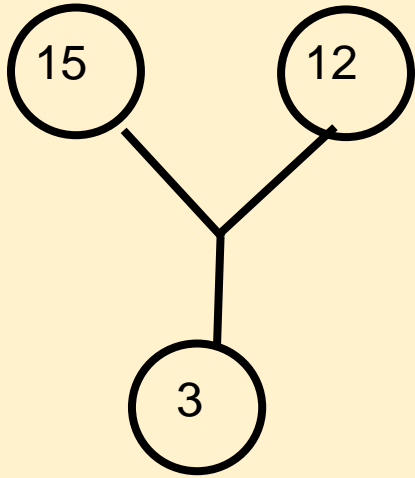
Q(7) Which number will replace the question mark ?



(A) 120
(C) 225

(B) 130
(D) 126

Q(8) Which number will replace the question mark ?

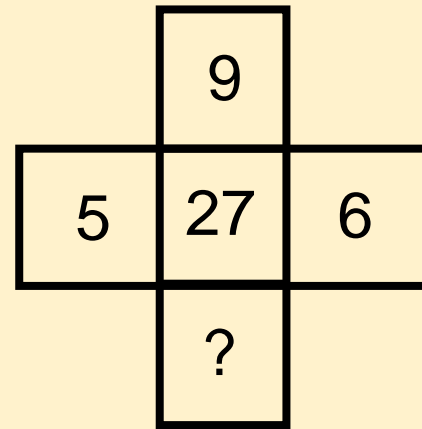
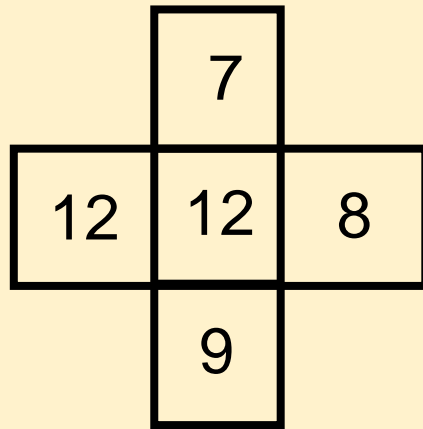
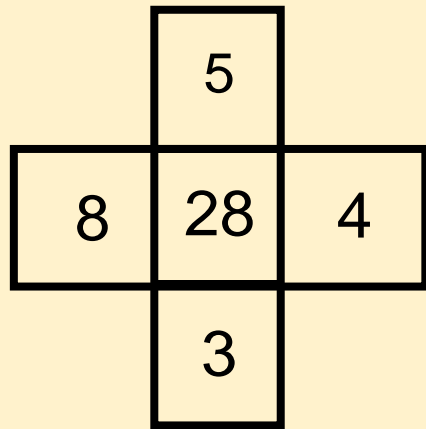


- (A) 30
- (C) 70

- (B) 13
- (D) 118



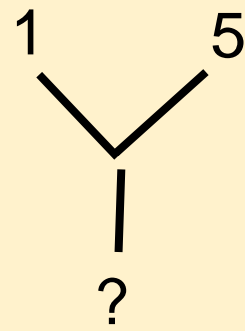
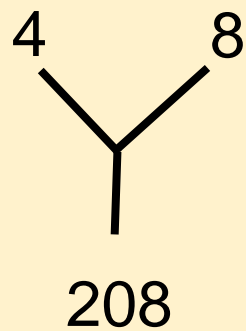
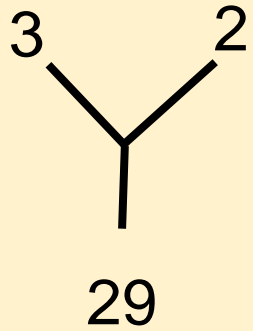
Q(9) Which number will replace the question mark ?



- (A) 9
- (C) 7

- (B) 4
- (D) 3

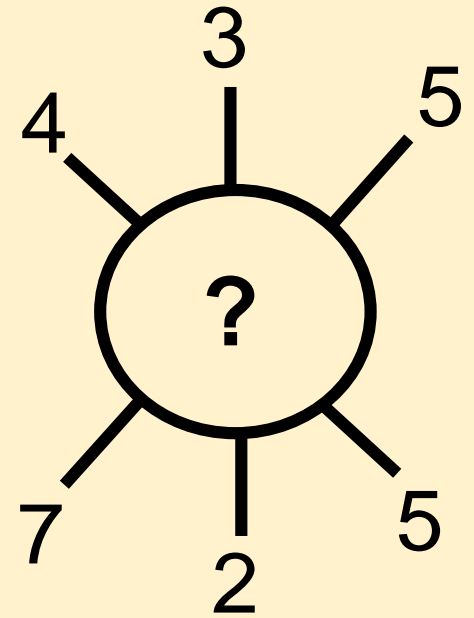
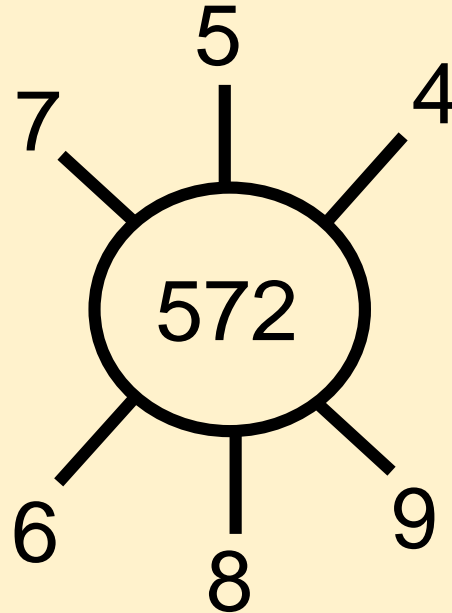
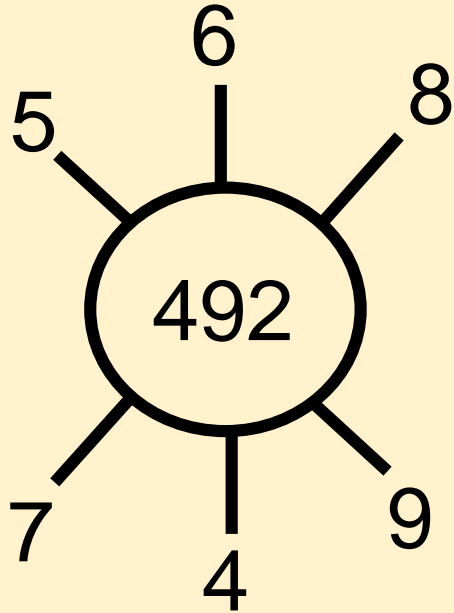
Q(10) Which number will replace the question mark ?



- (A) 61
- (C) 25

- (B) 10
- (D) 26

Q (11) Which number will replace the question mark ?



(A) 115

(C) 135

(B) 130

(D) 140

EXPLANATION

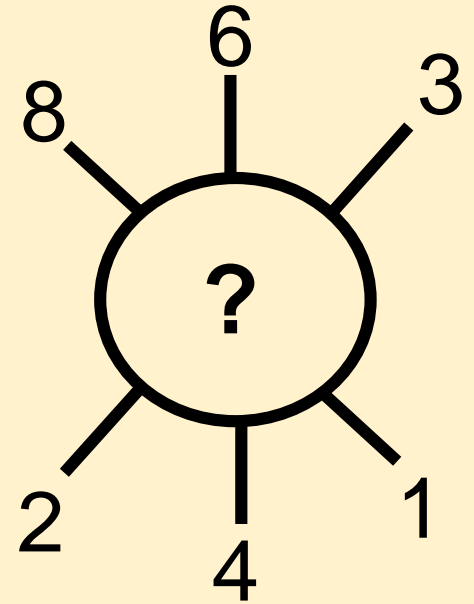
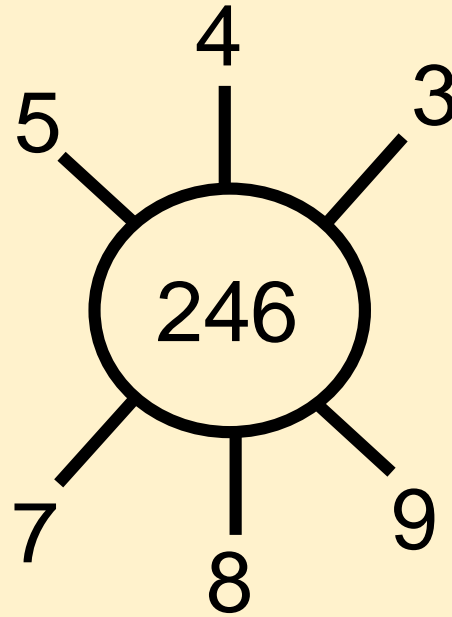
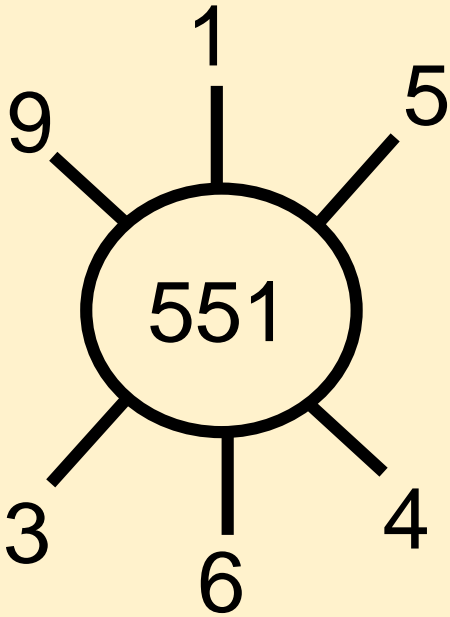
Answer: B

$$(5 \times 6 \times 8) + (7 \times 4 \times 9) = 492$$

$$\text{and } (7 \times 5 \times 4) + (6 \times 8 \times 9) = 572$$

$$\text{Therefore } (4 \times 3 \times 5) + (7 \times 2 \times 5) = 130.$$

Q (12) Which number will replace the question mark ?



- (A) 262
- (C) 631

- (B) 622
- (D) 824

EXPLANATION

Answer: B

$$915 - 364 = \mathbf{551}$$

$$\text{and } 789 - 543 = \mathbf{246}$$

$$\text{Similarly, } 863 - 241 = \mathbf{622}.$$



Q (13) Which number will replace the question mark ?

1	7	9
2	14	?
3	105	117

(A) 26
(C) 16

(B) 20
(D) 12



EXPLANATION

Answer: (D) 12

In the first column, $2 \times 1 + 1 = 3$.

In the second column, $14 \times 7 + 7 = 105$.

Let the missing number in the third column be y .

Then, $y \times 9 + 9 = 117$ or $9y = 108$ or $y = 12$.

Q (14) Which number will replace the question mark ?

11	6	8
17	12	?
25	34	19
19	28	11

(A) 16
(C) 13

(B) 15
(D) 9



EXPLANATION

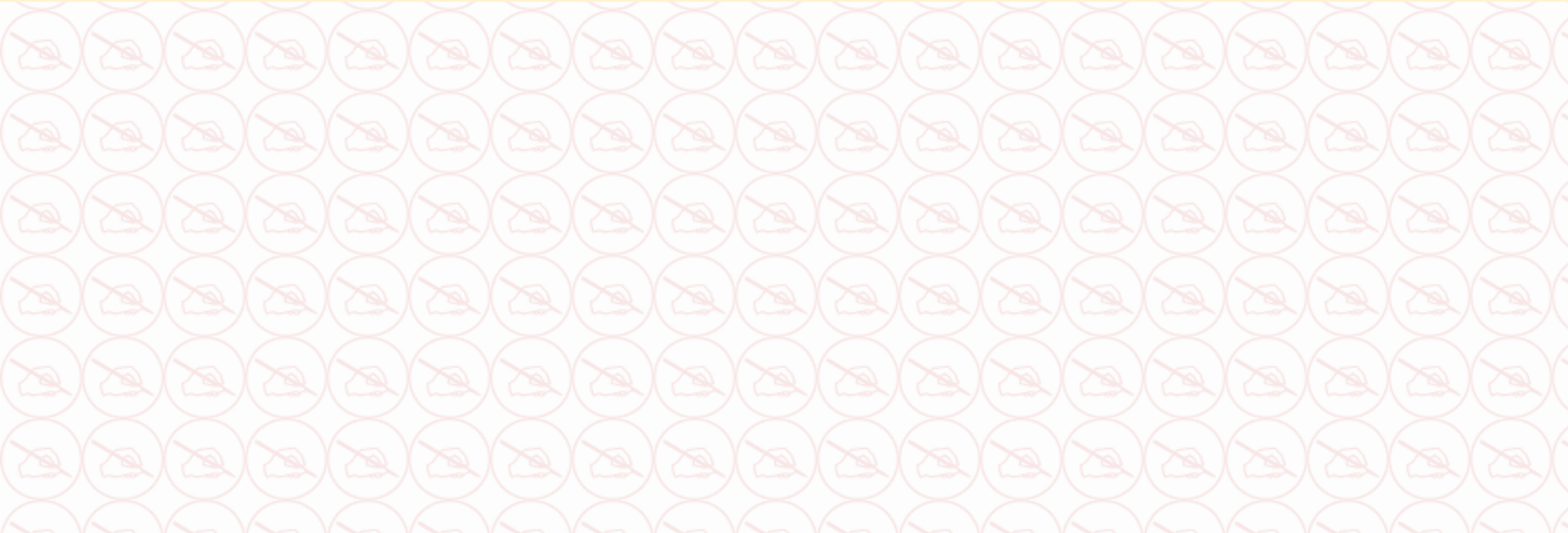
Answer: (A) 16

In the first column, $17 - 11 = 25 - 19 = 6$.

In the second column, $12 - 6 = 34 - 28 = 6$.

Let the missing number in the third column be y .

Then, $y - 8 = 19 - 11 = 8$ or $y = 16$.



Q (15)
mark ?

Which number will replace the question

28	60	48
5	6	7
17	30	7
7	?	16

(A) 18
(C) 24

(B) 23
(D) 27



EXPLANATION

Answer: D) 27

The number in the second column is three times the difference between the numbers in the third and first columns.

So, missing number = $3 \times (16 - 7) = 3 \times 9 = 27$.

