

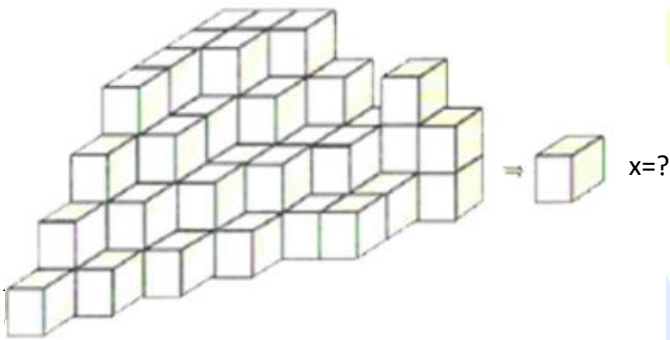
Multiple Choice

1) Find the value of BAK =?

C E B	}	9 3 7
K E B		8 3 7
K A L		5 6 7
L A B		9 6 5
B A K		7 6 9

- A) 567 B) 937
 C) 965 D) 769

2) How many small cubes are there?



3) What number should replace the question mark?

4, 12, 15, 5, ?, 18, 6

- A) 12 B) 14
 C) 15 D) 20

4) What will be next figure?

- A)
- B)
- C)
- D)

5) From this table

★	△	□	●	■	▲
△	▲	●	□	■	△
□	●	■	●	□	▲
●	□	●	□	△	□
■	■	□	△	△	■
▲	△	▲	□	■	●

Find the value of

$$(\triangle \star \square) \star (\blacksquare \star \square) = ?$$

- A)
- B)
- C)
- D)

6) What number should replace the question mark?

3	6	15	42
5	12	33	96
2	3	6	15
6	15	42	?

- A) 72 B) 106
C) 96 D) 123

7) What number should replace the question mark?

2	4	10	28	82	?
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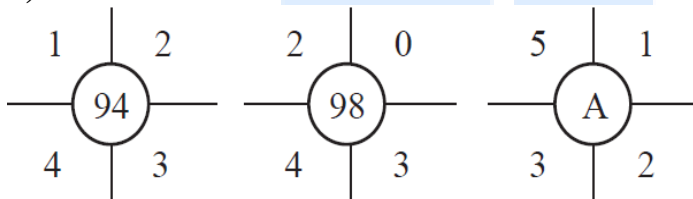
- A) 244 B) 248
C) 240 D) 250

8) What number should replace the question mark?

- I. $3 \cdot a \blacksquare b = 2 \cdot a + 3 \cdot b$
II. $a \bullet 4 \cdot b = 3 \cdot a + 2 \cdot b$
III. $(8 \bullet 16) - (12 \blacksquare 2) = ?$

- A) 14 B) 16
C) 18 D) 20

9) Find the value of A=?



- A) 155 B) 257
C) 256 D) 250

10) According to the given rule, solve problem IV.

- I. $5 \bullet 4 = 10, 9, 8$
II. $3 \bullet 6 = 6, 9, 12$
III. $7 \bullet 1 = 14, 8, 2$
IV. $8 \bullet 3 = ?$

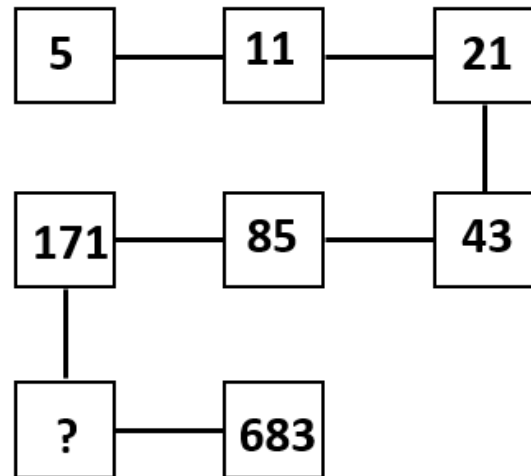
- A) 16, 8, 6 B) 15, 10, 3
C) 18, 11, 6 D) 16, 11, 6

11) According to the given rule, solve problem IV.

- I. $8 \blacktriangle 7 = 1$
II. $7 \blacktriangle 4 = 9$
III. $10 \blacktriangle 5 = 25$
IV. $9 \blacktriangle 3 = ?$

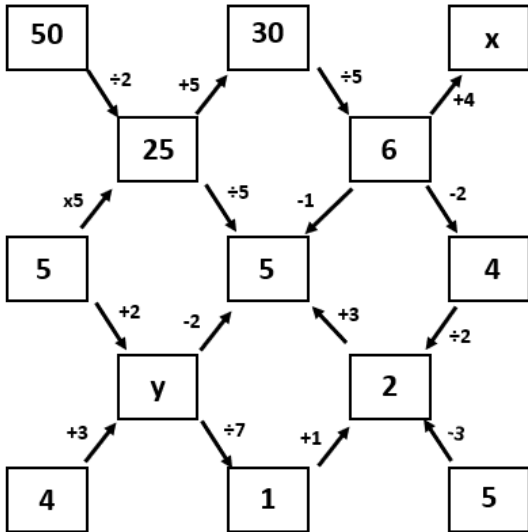
- A) 36 B) 25
C) 22 D) 12

12) What number should replace the question mark?



- A) 339 B) 340
C) 338 D) 341

13) Find the value of $x + y = ?$



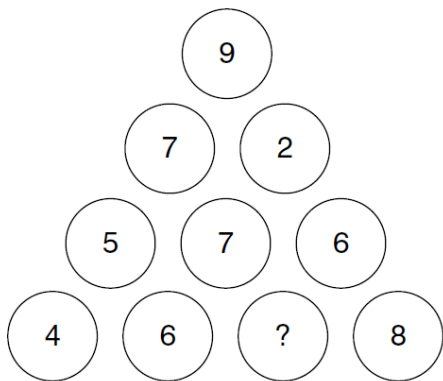
- A) 17
- B) 18
- C) 20
- D) 21

14) What two numbers should replace the question marks?

10, 30, 32, 96, 98, 294, 296, ?, ?

- A) 868, 870
- B) 777, 888
- C) 888, 890
- D) 960, 878

15) What number should replace the question mark?



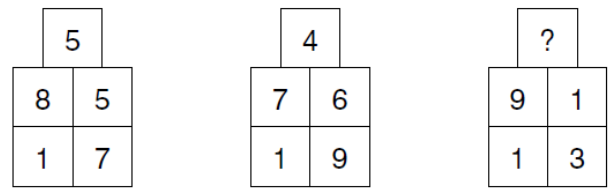
- A) 0
- B) 1
- C) 2
- D) 4

16) What number should replace the question mark?

21	17	36	48	10	25	?
3	8	9	12	1	?	12

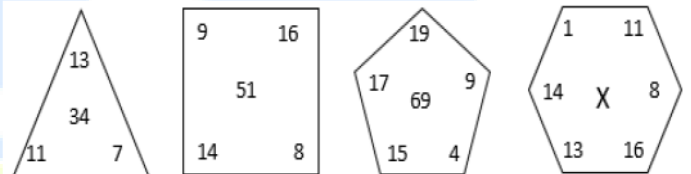
- A)
- B)
- C)
- D)

17) What number should replace the question mark?



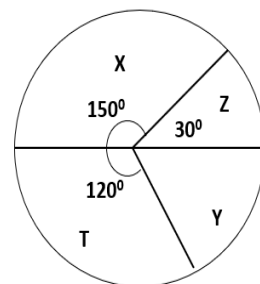
- A) 9
- B) 8
- C) 5
- D) 7

18) Find the value of $x = ?$



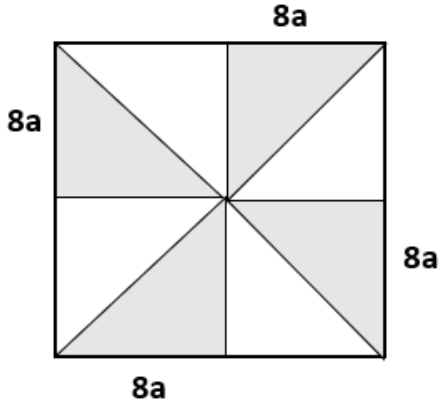
- A) 84
- B) 73
- C) 72
- D) 69

19) Find the ratio of $X : Y : Z : T = ?$



- A) 4 : 2 : 1 : 3
- B) 5 : 3 : 1 : 4
- C) 4 : 3 : 2 : 1
- D) 5 : 2 : 1 : 4

20) Find the shaded area in a^2 .



- A) 96
- B) 144
- C) 128
- D) 174

21) Find the next number.

16 23 19 19 22 15 25 ?

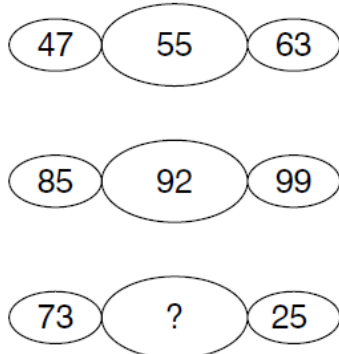
Answer: _____

22) According to the given rule, solve problem IV.

- I. $4789 * 8921 = 8$
- II. $3519 * 4732 = 2$
- III. $3761 * 1248 = 2$
- IV. $4827 * 8217 = ?$

Answer: _____

23) What number should replace the question mark?



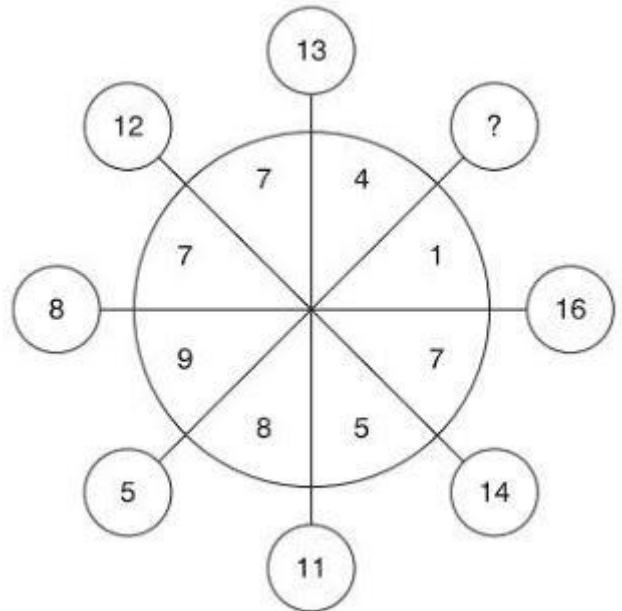
Answer: _____

24) What is the value of $K + L + M = ?$

<input type="checkbox"/>	3	8	7
4	L	144	121
5	M	169	144
2	25	100	K

Answer: _____

25) Find missing number.



Answer: _____