

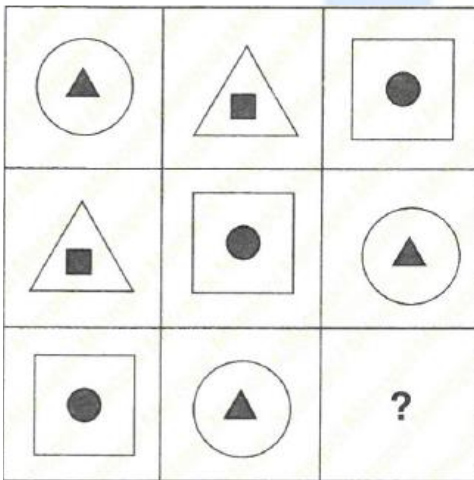
Multiple Choice

1) What letters should replace 9786 = ?

1796
9786
6863
7826
4756

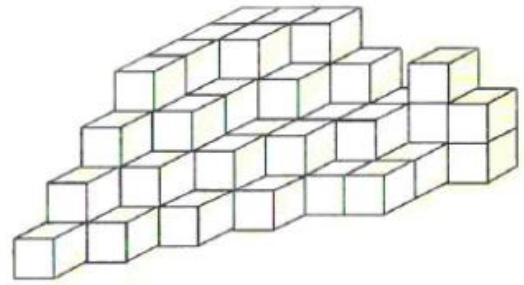
- A) KOVA B) BOYA
C) SOBA D) AYAR

2) Find missing figure.



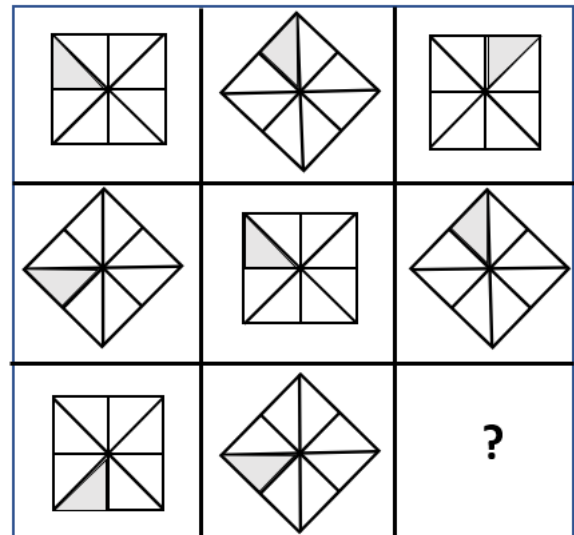
- A)
- B)
- C)
- D)

3) How many cubes with same size are there?



- A) 69 B) 70
C) 71 D) 73

4) Find missing figure.



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

5) What number should replace the question mark?

3, 7, 16, 35, ?

7, 15, 32, 67, ?

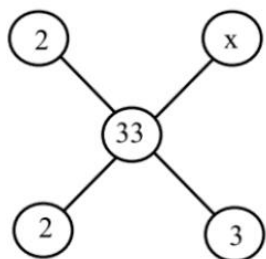
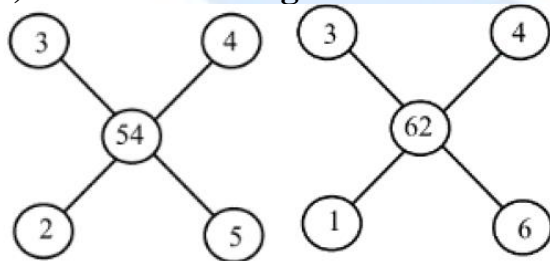
- A) 72; 134
- B) 74; 138
- C) 64; 130
- D) 72; 132

6) What number should replace with x?

8	7	5	9
6	9	0	x
7	8	5	6
2	2	1	3

- A) 7
- B) 4
- C) 8
- D) 9

7) Find the missing number.



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

8) Find missing numbers.

I. 3 6 8 16 18

II. 1 3 6 8 16

III. 4 16 12 48 44

IV. ?

- A) 1 4 8 32 36
- B) 6 2 8 4 16
- C) 2 10 15 75 80
- D) 3 9 12 36 39

9) What will be next two numbers?

50, 51, 49, 53, 47, 56, 44, 60, 40, ?, ?

- A) 65, 35
- B) 94, 54
- C) 84, 42
- D) 78, 40

10) What number should replace the question mark?

27 11 30 20

30 12 33 23

? 16 45 35

9 5 12 2

- A) 56
- B) 48
- C) 42
- D) 28

11) Which of the following number systems are different from others in one way?

- A) 119, 110, 102, 95, 86, 78
- B) 2, 2, 4, 12, 12, 24
- C) 1, 2, 6, 24, 48, 144
- D) 10, 18, 27, 37, 45, 53

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

I. $a \Rightarrow b = a^2 + b^3$


II. $a * b = \frac{b}{a}$


III. $a \bullet b = a \cdot b + b$


IV. $(5 \bullet 6) * (3 \Rightarrow 3) = ?$


- A) 0,5 B) 1
C) 2 D) 3



13) With the given rule, find next one.

 = 6

 = 9

 = 2

 = 3

\Rightarrow  +  = ?

- A) 3 B) 5
C) 6 D) 4

14) According to the given rule, solve problem III.

I. $\square (X Y Z T) = Z T X Y$

II. $\Delta (X Y Z T) = X Z Y T$

III. $\square (\Delta (3 5 7 9)) = ?$

- A) 5937 B) 3579
C) 7953 D) 5973

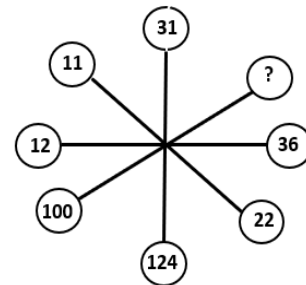
15) According to the given rule, solve problem II.

I. $\frac{2+(a * b)}{4 \cdot (a \blacktriangle b)} = \frac{4}{(a+b)}$

II. $2 \cdot (6 \blacktriangle 2) - (6 * 2) = ?$

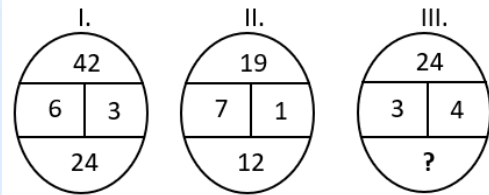
- A) 1 B) 2
C) 3 D) 4

16) Find the missing number.



- A) 12 B) 48
C) 100 D) 120

17) Find the missing number.



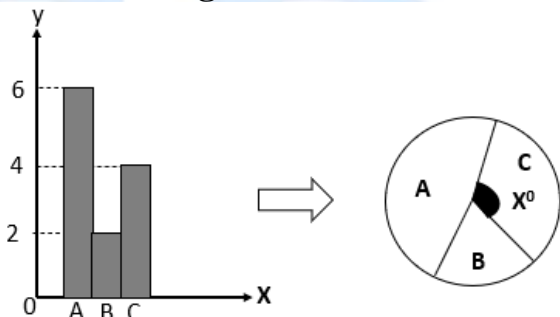
- A) 9 B) 11
C) 10 D) 12

18) With given information find the value of $K + L + M = ?$

◆	5	6	9
10	15	L	
15	K	21	M
21	4		60

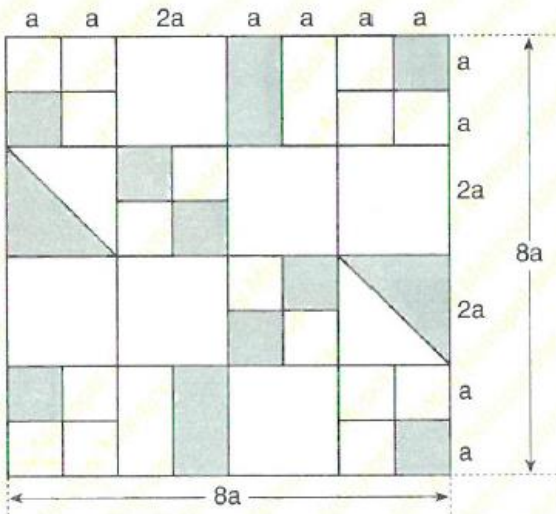
- A) 99 B) 101
C) 102 D) 103

19) Find the angle of x.



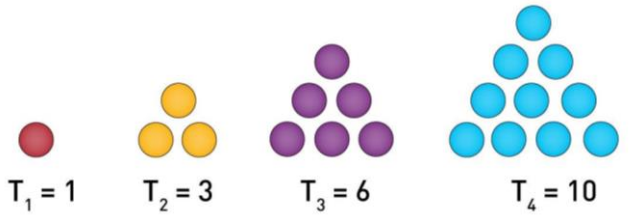
- A) 90 B) 120
C) 60 D) 130

20) What is the area of shaded region in a^2 ?



- A) 8
- B) 16
- C) 12
- D) 20

21) Find $T_{10} = ?$



Answer: _____

22) In the multiplication table, the letters a, b and c each stand for a specific numeral. What is the value of $a + b + c = ?$

X	a	b	c
a		$2 \cdot c$	
b			$2 \cdot a^3$
c	b^2		

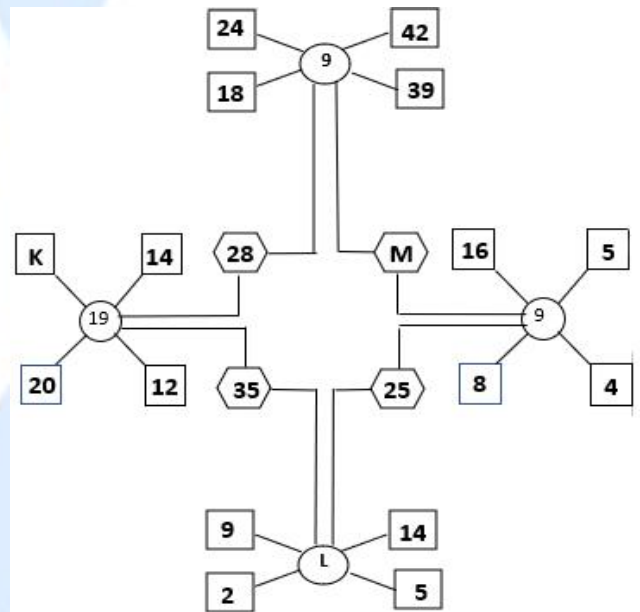
Answer: _____

23) What will be $2A + 3B = ?$

$$\begin{array}{r} ABAB \\ + BAAB \\ \hline 12194 \end{array}$$

Answer: _____

24) With given information, find the value of $K + L + M = ?$



Answer: _____

25) What number will come instead of x?

4	8	20
9	3	15
6	6	?

Answer: _____