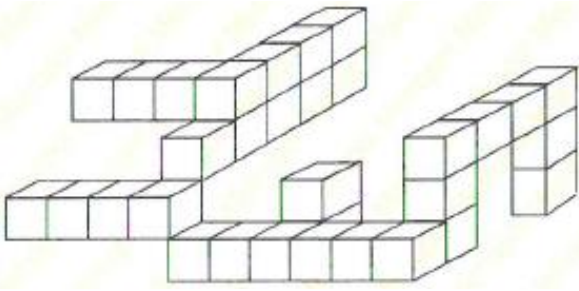


1) Find the value of  $POJ = ?$

POJ  
HAP  
PAH  
POB  
TAB

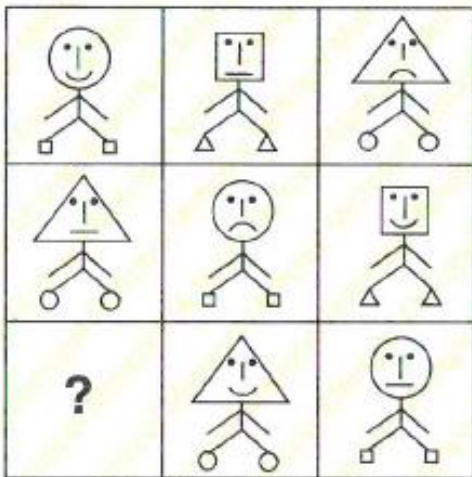
- A) 615                      B) 376  
C) 673                      D) 619

2) How many small cubes are in this figure?



- A) 31                          B) 32  
C) 33                          D) 34

3)



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

4) Find missing number.

7      14      16      ?      34      68

- A) 30                          B) 32  
C) 36                          D) 38

5) 720      120      24      ?      2      1

- A) 4                              B) 5  
C) 12                             D) 6

6) 1      4      16      25      ?

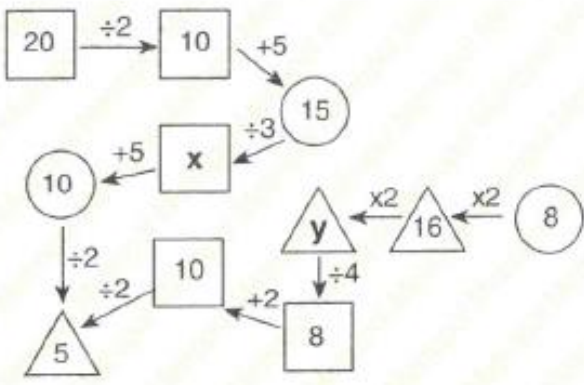
- A) 36                          B) 49  
C) 56                          D) 64

7)

- I.  $a \blacktriangle b = a + 2 \cdot b$   
II.  $a \bullet b = 3 \cdot a - b$   
III.  $(4 \blacktriangle 3) + (4 \bullet 5) = ?$

- A) 16                          B) 17  
C) 18                          D) 20

8) Find the value of  $y - x = ?$



- A) 34
- B) 32
- C) 27
- D) 16

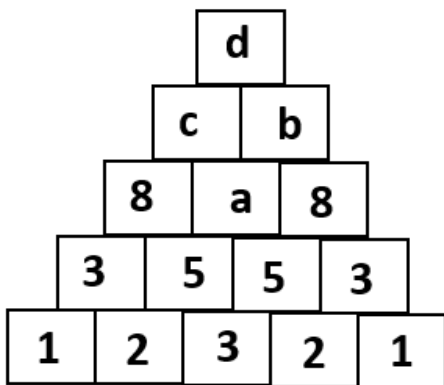
10)  $K + L = ?$

$$\begin{array}{r}
 KK \\
 KL \\
 LK \\
 + LL \\
 \hline
 308
 \end{array}$$

- A) 10
- B) 14
- C) 12
- D) 16

9) With the given rule, find the value of

$a + b + c + d = ?$



- A) 36
- B) 72
- C) 60
- D) 82