

## Chapter – 6

### Information Processing

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#### Ex 6.1

##### Question 1.

Choose the correct answer

(i) Which shape have 6 triangles?

(a)



(b)



(c)



(d)



**Answer:**

(b)



(ii) Find which garland has made up of 12 beads?

(a)



(b)



(c)



(d)



**Answer:**

(c)



**Question 2.**

**Answer the following**

(i)



4, 4, 3, 5, 4, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

**Answer:**

4, 4, 3, 5, 4, 4, 3, 5, 4, 4, 3, 5 [Number of sides]

(ii) 1, 1, 2, 3, 5, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

**Answer:**

1, 1, 2, 3, 5, 8, 13, 21, 34, 55

Hint:

$$5 + 8 = 13$$

$$13 + 8 = 21$$

$$21 + 13 = 34$$

$$34 + 21 = 55$$

### Question 3.

If  $\triangle = 3$     $\square = 4$     $\text{pentagon} = 5$ , then

(i)  $\triangle + \square + \text{pentagon} + \triangle - \square =$

**Answer:**

$$3 + 4 + 5 + 3 - 4$$

$$= 15 - 4$$

$$= 11$$

(ii)  $\square\square - \triangle\triangle =$

**Answer:**

$$44 - 33 = 11$$

## InText Questions

### Try This (Text Book Page No.50)


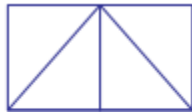

How many squares are there?






**Answer:**

6 squares

### Activity (Text Book Page No.50)

Figures			
Number of Triangles	12		
Number of Squares	6		







Answer:

Figures			
Number of Triangles	12	5	3
Number of square	6	2	0







### Activity (Text Book Page No.50)

The following shapes are drawn instead of numbers 0, 1, 2, 3, 4, 5. Shall we find the number of each shapes.

$$\begin{aligned}
 \text{Yellow Circle} + \text{Green Star} &= \text{Green Star} \\
 \text{Red Square} + \text{Yellow Circle} &= \text{Red Square} \\
 \text{Red Square} \times \text{Red Square} &= \text{Red Diamond} \\
 \text{Red Square} + \text{Green Triangle} &= \text{Pink Oval}
 \end{aligned}$$

	=	<input type="text" value="1"/>
	=	<input type="text"/>
	=	<input type="text"/>
	=	<input type="text" value="5"/>
	=	<input type="text"/>
	=	<input type="text"/>

Answer:

	=	<input type="text" value="1"/>
	=	<input type="text" value="0"/>
	=	<input type="text" value="2"/>
	=	<input type="text" value="5"/>
	=	<input type="text" value="4"/>
	=	<input type="text" value="3"/>

**Activity (Text Book Page No.51)**



(i) Number of circles \_\_\_\_\_

**Answer:**

9

(ii) Number of Triangles \_\_\_\_\_

**Answer:**

18

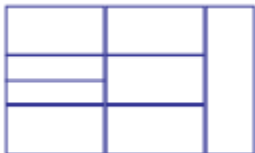
(iii) Number of Squares \_\_\_\_\_

**Answer:**

2

**Try These (Text Book Page No.51)**

How many rectangles are there in this diagram?



**Answer:**

24