

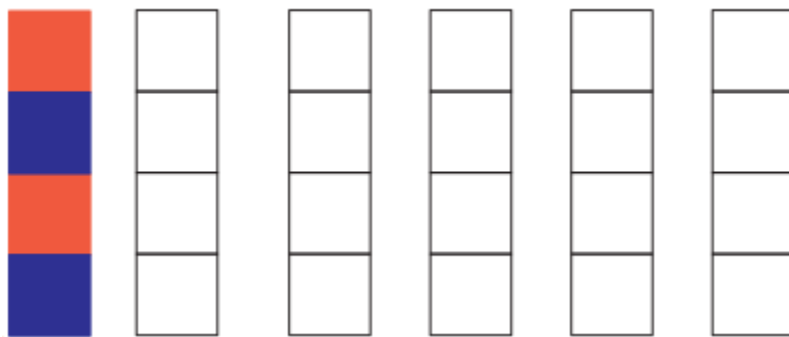
Chapter 6

Information Processing

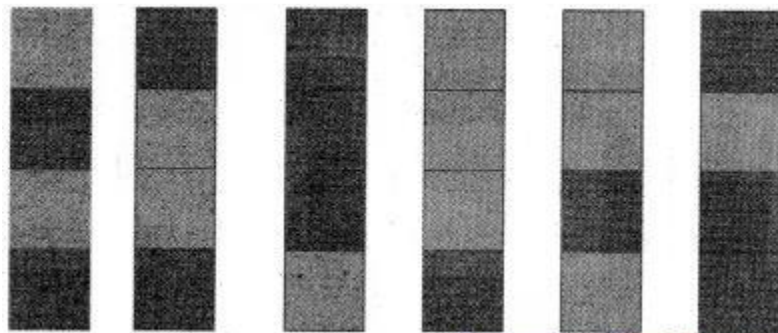
Activity 1 (Text Book Page No. 57):

Let us colour the blocks.

Find all possible ways of colouring the given blocks with blue and red. One is done for you.

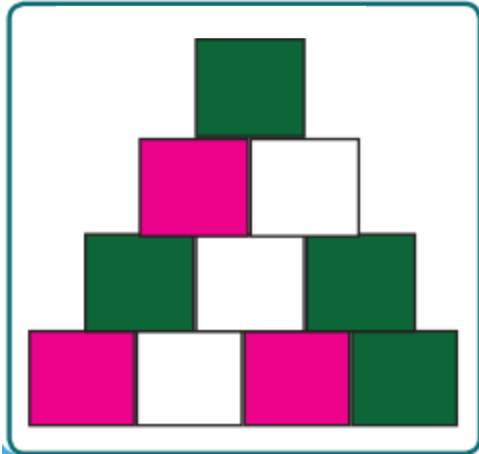


Answer:

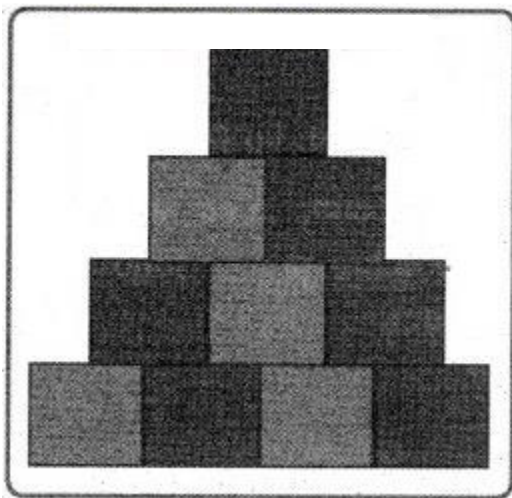


Activity 2 (Text Book Page No. 57):

Fill the white space in the given blocks with alternate colours and answer the following Questions based on it.



Answer:



Question 1.

Total number of blocks

Answer:

10

Question 2.

Number of rose block

Answer:

4



Question 3.

Number of  blocks 

Answer:

6

Question 4.

Number of  blocks in 2 and 4 row 

Answer:

1 & 2

Question 5.

How many  more  than 

Answer:

2

Practice (Text Book Page No. 58):

Question 3.

List down all possible ways of forming three digit numbers by using the given digits only once.

a. 9, 6, 8

Answer:

					
986	968	698	689	896	869

b. 3, 2, 0



Answer:



c. 1, 5, 4



Answer:



Question 4.

Find all possible ways of combining the three letters a, e, t using each of them once.



Answer:




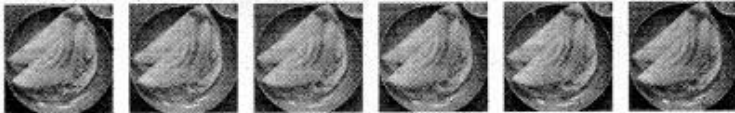

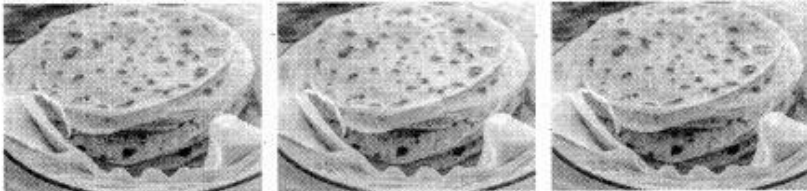
Practice (Text Book Page No. 60):

Question 1.

Collect the data from 40 of your friends about their favourite food and represent it in Picture.

	Picture	Total
Idly		
Dosa		
Poori		
Chappathi		

Answer:

	Picture	Total
Idly		12
Dosa		6
Poori		15
Chappathi		7

Question 2.

The following picture represents the number of chocolates sold at a shop in a week.

 = 10 Chocolates

Monday	    
Tuesday	  
Wednesday	 
Thursday	   
Friday	  
Saturday	

Answer the following **Questions** from the data given in the above table.

Question 1.

The total number of chocolates sold on Thursday is

Answer:

40

Question 2.

The sale was maximum on

Answer:

Monday

Question 3.

The sale was minimum on

Answer:

Saturday

Question 4.

Sale were equal on

Answer:

Tuesday, Friday

Question 5.

The total number of Chocolates sold in six days are

Answer:
180

Question 3.



Collect the data from 40 of your friends about their mode of travel to school and represent it in the picture.



mode of travel	Picture	Total
By walk		
By bicycle		
By motorcycle		
By public transport		
By school vehicle		

Answer:
Activity to be done by the students themselves.









Draw a conclusion from the representation by discussing with your teacher.

The graph below shows the number of children in a school studying in classes 1-4 of a school. The number of girls studying in classes 1-4 of a school are 14 10, 16 and 13 respectively. Draw the graph discussing with your teacher for number of boys studying in classes 1-4.

Class	Number of students	Total
Girl I standard		14
Boy		
Girl II standard		10
Boy		

Girl III standard Boy		16
Girl IV standard Boy		13

Answer:

Class	No. of Students	Total
Girl 1 st Standard Boy		14
		15
Girl 2 nd Standard Boy		10
		13
Girl 3 rd Standard Boy		16
		15
Girl 4 th Standard Boy		13
		16

After completing the pictorial representation answer the following questions.

i. The number of girls in class 2 is _____.

Answer:

10

ii. The number of boys in class 3 is _____.

Answer:

15

iii. The total number of students in class 4 is _____.

Answer:

29

iv. The total number of girls from class 1 to 4 is _____.

Answer:

53

v. The total number of boys from class 1 to 4 is _____.

Answer:

59

vi. The class which has more strength is _____.

Answer:

3rd Standard.