

15. Pictographs



Nasreen, Vishal, Viraj, Hema and other students went to the village fair. The fair had a variety of games. The students had a lot of fun. There were different types of shops at the fair, some selling toys, some food and some clothes. Naturally, there was a crowd of children near the toy shops and the food shops.

Paramjeet did not go to the fair. He asked Vishal, 'Which shops were there? How many?' Vishal showed him a table.

Types of shops	Number of shops
Food items	5
Toys	3
Clothes	2
Other	5

Nasreen made the table more attractive using pictures.

Types of shops	Number of shops
Food items	    
Toys	  
Clothes	 
Other	    

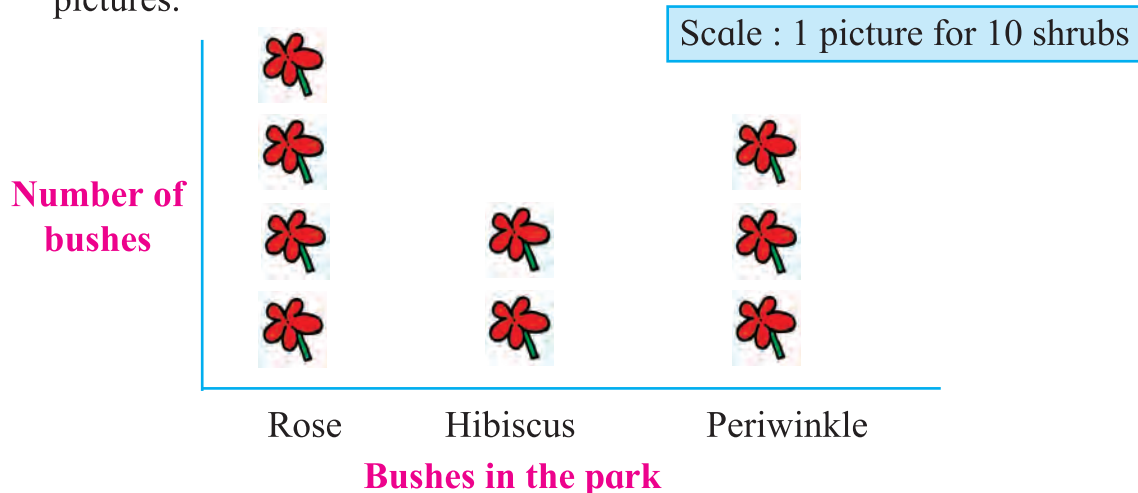
Vishal : What do these pictures mean?

Nasreen : One picture stands for one shop. There are three toy shops, so there are three pictures.

Hema : Suppose there are a lot of shops, will you draw as many pictures ?

Tai : No. It is not possible to draw so many pictures every time. We pack the mangoes from our orchard, 24 mangoes to a crate. When we count the total number of crates we come to know the number of mangoes we have packed. We can do this with the pictures.

Viraj : In the park in front of my house, there are 40 rose bushes, 20 hibiscus shrubs and 30 periwinkle shrubs. I will make a table to show this, using pictures.



Chairs were brought for a function in the school. Nasreen presented this information in the form of a pictorial chart. However, instead of arranging the pictures vertically, she arranged them horizontally. Let us see what this chart tells us.

Chart of chairs brought for the function

Type of chair	Number of chairs
Metal	    
Plastic	       
Wooden	 

Scale :  means 10 chairs

In the second row, 8 pictures like this  are drawn. It means that there are $8 \times 10 = 80$ plastic chairs.

A total of 15 pictures like this  are drawn, which means there are a total of $15 \times 10 = 150$ chairs.

Exercise

Study the tables and answer the questions given below.

- (1) People in a town collected aid for the flood-affected. This is its pictorial representation.

Aid given	Number of families who helped
Medicine	  
Food items	   
Clothes	 
Other	  

Scale :  means 20 families

- ❖ How many families gave medicines as aid ?
 - ❖ What form of help was given by the largest number of families?
 - ❖ What form of aid was given by the least number of families ?
- (2) This is a chart showing what kind of fuel is used in the kitchen in 160 houses in a village.

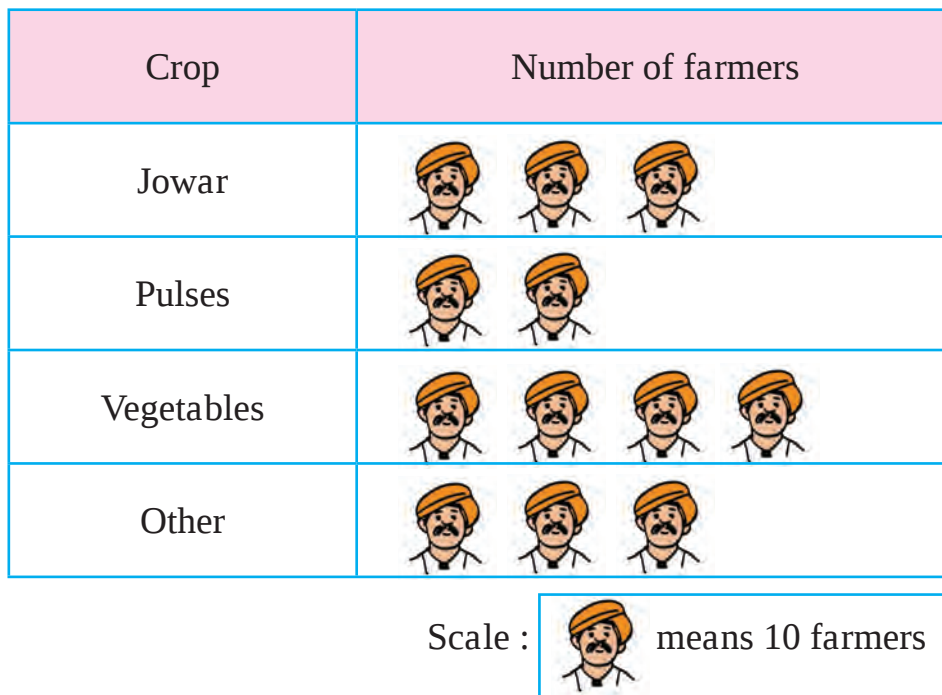
Fuel	Number of houses using the fuel
Gas	   
Kerosene	      
Wood	 
Gobar gas	  

Scale :  means 10 houses

- ❖ What kind of fuel is used in most houses?
- ❖ How many houses use gobar gas?
- ❖ How many houses use gas?

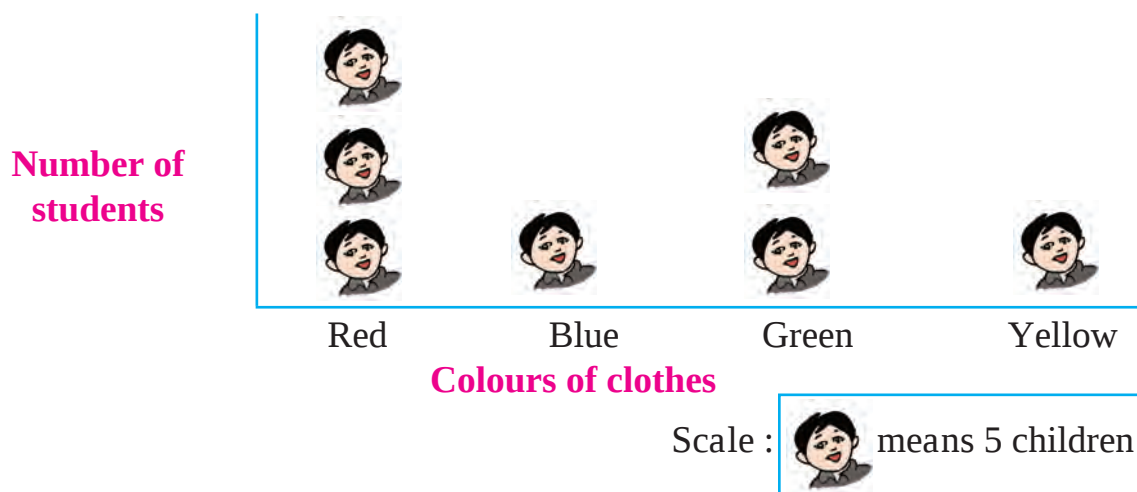


(3) A chart showing the crop grown by the farmers in a village.



- ❖ How many farmers grow jowar?
- ❖ Which crop is grown by the least number of farmers?
- ❖ How many more farmers grow vegetables than pulses?

(4) A chart showing what colours were worn by children to school on the day when the school uniform was not compulsory.



- ❖ How many children are there in the class?
- ❖ How many children wore yellow clothes?
- ❖ What colour did the greatest number of children wear? How many wore that colour ?