

Exercise 22.2

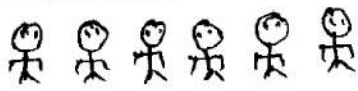
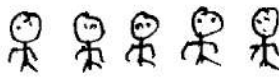
Q.1 The following are the details as the number of students in a class of 30 students present during a week.

Day	Number of students present
Monday	24
Tuesday	20
Wednesday	28
Thursday	30
Friday	26
Saturday	22

Represent the above data by pictograph

here

Solution:

Day	Number of students  = 4 students
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

Q.2 Total number of students of a school in different years is shown in the following table:

Year	Number of students
1996	400
1998	550
2000	450
2002	600
2004	650

Represent the above data by a pictograph.

(a) Prepare a pictograph of students using one symbol or icon of a student to represent 100 students and answer the following questions:

- How many symbols represent total number of students in the year 2002?
- How many symbols represent total number of students for the year 1998?

(b) Prepare another pictograph of students using any other symbol each representing 50 students. Which pictograph do you find more informative?

Solution! (a)

here

 = 100
Students

Year	Number of Students
1996	   
1998	     
2000	    
2002	     
2004	      

(i) 6 symbols represent total no. of students in the year 2002.

(ii) $5\frac{1}{2}$ symbols represent total no. of students in the year 1998.

here  = 50 students

(b)

Year	Number of Students
1996	       
1998	         
2000	        
2002	           
2004	           

Second pictograph is more informative.