

Class-6 Maths solution(By:Prashant kr.)

Ch.9.Data Handling

Ex-9.2

Q1.Total number of animals in five villages are as follows :

Village A	:	80
Village B	:	120
Village C	:	60
Village D	:	40
Village E	:	60

Prepare a pictograph of these animals using one symbol \otimes to represent 10 animals and answer the following questions :

- (a) How many symbols represent animals of village E?
- (b) Which village has the maximum number of animals?
- (c) Which village has more animals : village A or village C?

SOLUTION:

Villages	Number of animals	$\otimes = 10$ animals
Village A	80	$\otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes$
Village B	120	$\otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes$
Village C	60	$\otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes$
Village D	40	$\otimes \otimes \otimes \otimes$
Village E	60	$\otimes \otimes \otimes \otimes \otimes \otimes$

- (a) 6 symbols represent animals of village E.
- (b) Village B has the maximum number of animals.
- (c) Village C has more animals than village A.

Q2.Total number of students of a school in different years is shown in the following table.







Years	Number of students
1996	400
1998	535
2000	472
2002	600
2004	623

A. Prepare a pictograph of students using one symbol \otimes to represent 100 students and answer the following questions:

- (a) How many symbols represent total number of students in the year 2002?
 - (b) 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.

Years	Number of students	 = 100 students
1996		
1998		
2000		
2002		
2004		

(a) 6 symbols represent total number of students in the year 2002.

(b) Five completed and one incomplete symbols represent total number of students for the year 1998.

B.

Years	Number of students	 = 50 students
1996		
1998		
2000		
2002		
2004		

Pictograph B is more informative than pictograph A.