

Access NCERT Solutions for Class 6 Chapter 9: Data Handling Exercise 9.2

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

Village A : 80

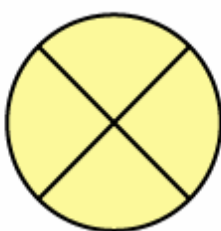
Village B : 120

Village C : 90

Village D : 40

Village E : 60

Prepare a pictograph of these animals using one symbol



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?

Solutions:

We can draw the pictograph for the given data as shown below

| Village | Number of animals |  - 10 animals |
|-----------|--|--|
| Village A |         | |
| Village B |             | |
| Village C |          | |
| Village D |     | |
| Village E |       | |

- (a) There are 60 animals in village E. So 6 symbols represent animals of village E
- (b) Village B has 120 animals which is the maximum number among these villages.
- (c) Village A has 80 animals and village C has 90 animals. Clearly village C has more animals than village A

2. 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

































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?

Solutions:























































|  - 100 Students | |
|--|---|
| 1996 |      |
| 1998 |       |
| 2000 |      |
| 2002 |       |
| 2004 |        |

A

(a) Total number of students in the year 2002 represents 6 symbols

(b) Total number of students in the year 1998 represents 5 complete and 1 incomplete symbols

B. Second is more informative

|  - 50 Students | |
|---|---|
| 1996 |         |
| 1998 |            |
| 2000 |          |
| 2002 |             |
| 2004 |              |