

Selecting an Appropriate Display

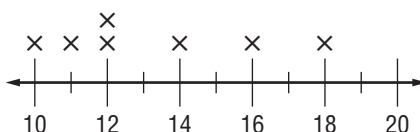
EXAMPLE Find the Range

MAIN IDEA

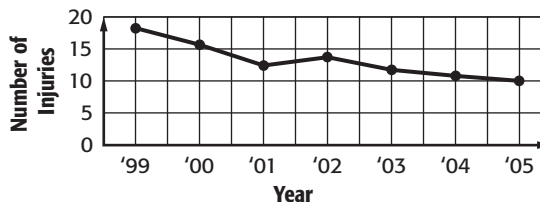
- Select an appropriate display for a set of data.

1 FOOTBALL Which display allows you to see whether or not the number of injuries has steadily declined since 1999?

Number of Injuries on the Football Team



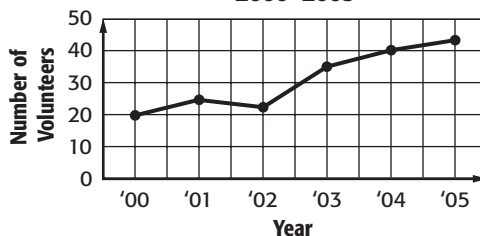
Football Team Injuries, 1999–2005



The shows the change in the number of injuries from year to year, with some decline in the number of injuries.

Check Your Progress VOLUNTEERS Which display allows you to see whether the number of parent volunteers has increased since 2000?

Parent Volunteers, 2000–2005



Parent Volunteers

Stem	Leaf
1	8
2	3 5
3	5
4	0 4 2 3 = 23

EXAMPLES

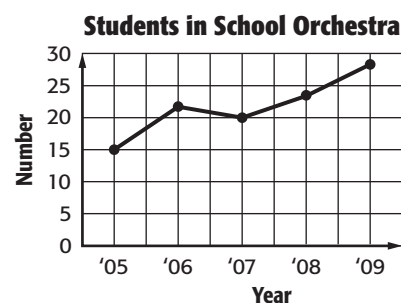
- 1** Select an appropriate type of display to compare the number of students over the years.

Since the table shows change over a period of time, a would be best.

Students in School Orchestra	
Year	Number
2005	15
2006	22
2007	20
2008	23
2009	28

- 1** Make the appropriate display of the data.

Step 1 Draw and label and axes.
Add a .



Step 2 Draw a to represent the number of students for each year. Connect the points.

Check Your Progress

PETS The table shows the number of students who chose each animal as their favorite pet. Select and make an appropriate type of display to compare the number of responses for each animal.

Favorite Pets	
Animal	Number of Students
dog	38
cat	36
fish	12
bird	8
other	20

HOMEWORK ASSIGNMENT

Page(s):

Exercises: