Chapter Quiz

For Exercises 1 and 2 use the line plot.

1. Use the line plot. What is the mode of the data?

Math Grades

```
        ×
        ×
        ×
        ×
  ×  ×  ×
  ×  ×  ×
  ×  ×  ×
  ×  ×  ×  ×
  A  B  C  D
```

1. **The mode is B.**

2. Compare the number of students who scored a B to the number who scored an A.

2. **4 more students earned a B than an A.**

EARTHQUAKES **For Exercises 3 and 4, use the table.**

Major Earthquakes	
Magnitude	**Frequency**
7.0–7.3	7
7.4–7.7	5
7.8–8.1	1
8.2–8.5	1

3. Describe the data in the table.

3. **Student descriptions will vary.**

4. Draw a histogram to represent the frequency of each interval.

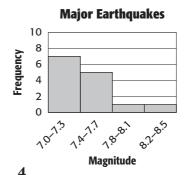**Major Earthquakes**

4. _____

COMPUTER The table shows the cost of several computers.

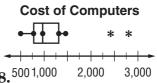| Cost of Computer ($) |
|---|
| 500, 950, 1,120, 1,480, 699, 780, 2,450, 2,800, 875, 565, 820, 1,000, 1,299, 1,325 |

5. Find the range of the data.

5. **2,300**

6. Find the third and first quartiles.

6. **1,325, 780**

7. Find any outliers of the data.

7. **2,450 and 2,800**

Cost of Computers

8. Draw a box plot to show this data.

Course 1 • Chapter 12 Statistical Displays