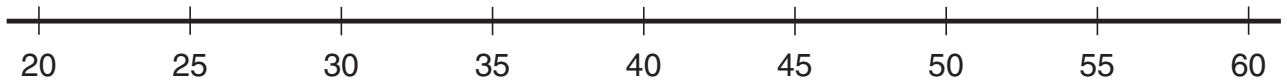**STUDY LINK
6·1** | **The Standing Long Jump**

Ms. Perez's physical education class participated in the standing long jump.
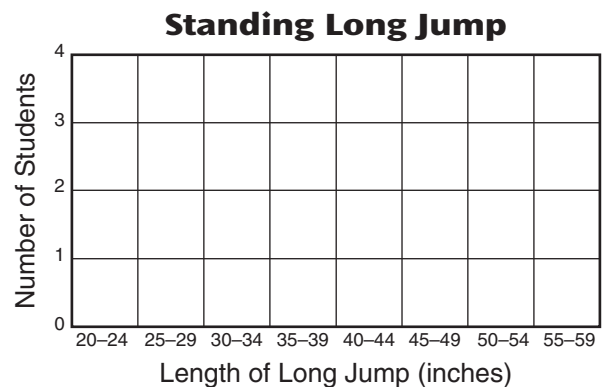Following are the results rounded to the nearest inch.

| 24 | 35 | 33 | 48 | 33 | 48 | 27 | 35 | 27 | 55 | 43 | 24 |
| 55 | 33 | 52 | 33 | 29 | 59 | 26 | 59 | 48 | 37 | 42 | 42 |

**1.** Organize these data on the line plot below.

```
  +----+----+----+----+----+----+----+----+----+
 20   25   30   35   40   45   50   55   60
```

**2.** Make a bar graph for these data.

**Standing Long Jump**

Number of Students

4

3

2

1

0

20–24  25–29  30–34  35–39  40–44  45–49  50–54  55–59

Length of Long Jump (inches)

**3.** Find the following landmarks for the standing long jump data:

**a.** Maximum: _____ in.     **b.** Minimum: _____ in.

**c.** Mode: _____ in.     **d.** Median: _____ in.

**e.** Mean (average): _____ in. (Use a calculator. Add the distances and
divide the sum by the number of jumps. Round to the nearest tenth.)

**Practice**

**4.** $48 * 29 =$ _____

**5.** 98.25
  $- 79.82$

**6.** $24\overline{)384}$

**7.** $767.5 + 30.82 =$ _____

**157**