

Lesson 7.3 Measures of Center: Mean

The **mean** of a data set is computed by adding all of the numbers in the data together and dividing by the number of values contained in the data set.

84, 66, 102, 114, 78, 90

$$84 + 66 + 102 + 114 + 78 + 90 = 534$$

$$\begin{array}{r} 89 \\ 6 \overline{)534} \\ 89 \end{array}$$

89

1. Add all of the values in the data set together.

2. Divide the sum by the number of values in the data set.

3. The mean of the data set is 89.

Find the mean of each data set.

a

1. 48, 64, 80, 48

2. 84, 140, 105, 119, 105, 84, 105

3. 119, 140, 119, 91, 91, 126, 91

4. 52, 52, 64, 80

5. 112, 140, 77, 126, 91, 77, 133

6. 99, 89, 46, 97, 17, 75

b

85, 75, 90, 60, 80

102, 78, 114, 96, 96, 102

96, 108, 78, 96, 72, 102

55, 90, 70, 90, 85

90, 84, 72, 102, 84, 66

60, 31, 24, 50, 44, 88
