Name _____ Date _____ Class _____

SECTION 7A

Ready to Go On? Skills Intervention

7-1 Mean, Median, Mode, and Range

To describe a set of data you can use the range, mean, median, and mode.

The **range** is the difference between the least and greatest values in the set.

The **mean,** or the average, is the sum of all the items, divided by the number of items in the set.

The **median** is the middle value when the data are in numerical order, or the mean of the two middle values if there is an even number of items.

The **mode** is the value or values that occur most often.

Vocabulary
mean
median
mode
range

Finding the Mean, Median, Mode, and Range of a Data Set

Find the mean, median, mode, and range of the data shown in the table.

Dishes washed per day					
14	20	19	23	25	19

First, write the data in numerical order.

____, ____, ____, ____, ____, ____

Range

25 − ____ = ____ What value will you subtract from 25?

Mean

____ + 19 + ____ + ____ + 23 + ____ = ____ Add all values.

____ ÷ ____ = ____ How many data items are there?

Median

$\frac{19 + \_\_}{\_\_} = \_\_\_\_$ Find the mean of the two middle values.

Mode = ____ Which number occurs most often?

Complete.

What is the range? ____

What is the mean? ____

What is the median? ____

What is the mode? ____