# **Get Ready**

### **Measures of Central Tendency**



**b)** 4.3, 4.5, 4.2, 5

1. Find the mean, median, and mode.



#### Name:

## **Calculating the Range**

The **range** tells you about the spread of the data.

- Range = highest value lowest value
- example: 1, 1, 2, 3, 4, 4, 4, 5
  - Highest value = 5; lowest value = 1. The range is 5 1 = 4.
- 2. Find the range.
  - **a)** 9, 8, 8, 3, 7

Range = highest value – lowest value

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## **Representing Data**

You can show data using graphs.

**Bar graphs** are best for comparing data across different groups.



**Pictographs** are best for comparing data that can be easily counted.



**Circle graphs** are best for comparing parts of a whole using percents.

**b)** 16, 11, 7, 29, 31, 24, 18, 18, 18

#### Akira's Week on Internet (20 h)



Line graphs are best for showing changes in data over time.



**3.** Truong recorded the water flow from 3 taps on a line graph.

- a) Which tap flows the fastest?
- **b)** What is the approximate water flow in 2 min from Tap B?



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