

Outside-of-Class Game

Statistics Scavenger Hunt

● **Get Ready!** _____

Separate the class into four teams.

- Statistics Scavenger Hunt master, p. 4

● **Get Set!** _____

Make a copy of the Statistics Scavenger Hunt master on page 4 for each student in the class.

● **Go!** _____

- Students try to collect as many of the items on the list as possible.
- The number of points they receive for each item is listed next to the item on the Statistics Scavenger Hunt master.
- Give students a specified amount of time to collect the items. A suggested time is 1–2 weeks. Require students to bring the items in at the end of the time period. You may wish to ask students to explain and/or justify their findings.
- The team with the most points wins.

Outside-of-Class Game

Statistics Scavenger Hunt

- Find and bring in as many items on this list as you can find. Be prepared to identify or explain your findings.
- The points you will receive for each item are listed next to the item.
- You have until _____ to bring in the items.
- The team with the most points wins.

1. Items from school

- a. a frequency table from any classroom (10)
- b. a set of data that can be shown in a stem-and-leaf or box-and-whisker plot, and the plot you made (15)
- c. an item that reflects the mean (10), median (10), or mode (15) being used as an average at school
- d. a signed statement from a nonmathematics teacher saying that he or she has used statistics during the past week (20)

2. Items from home

- a. an abacus (10) or slide rule (20)
- b. something that indicates how statistics can be used at home (10)
- c. a tool that can be used to measure the angles in a circle graph (10)
- d. an item that reflects the mean (10), median (10), or mode (15) being used as an average at home

3. Items from newspapers, magazines, books, or the Internet

- a. an article about how someone uses statistics in his or her job (15)
- b. a nonmathematics book that uses statistics to explain a concept (15)
- c. a graph that includes ordered pairs or bullets that you can identify with ordered pairs (15)
- d. a cartoon about statistics (10)
- e. a printed page including the address of a web site that discusses statistics (10)

4. Items from the community

- a. a graph that has no scale (10) or uses misleading statistics (10)
- b. a photo you have taken that includes three statistical items (15)
- c. a letter, flyer, or article that includes at least two of these items: a circle graph, a bar graph, and a line graph (10)
- d. an adult willing to visit your class to describe how he or she uses statistics in his or her job (25)