Chapter 1 Section 4 Guided Reading

1. A _____ is a visual way to show data.

2. Sketch the 4 different types of graphs on page 22. Don't forget labels!

3. How is a scatterplot different from a line graph?

4. How are the independent and dependent variables different?

5. Copy the equation on page 23 that helps you understand how to scale your axes on a graph.

6. Copy the "Study Skills" figure on page 24 in the text.

7. Even if you don't think it is an independent variable, _____ is usually always plotted on the "x" axis.

8. A direct relationship between variables on a graph occurs when a change in one variable makes _____ in another.
   a) a change   b) no change

9. In _____ relationship, a change in one variable makes the other variable decrease.
   a) a strong   b) a weak   c) an inverse   d) a graph

10. T or F? You get the best predictions when your graph is large enough to show precise measurements.