

guided notes

NAME _____

DATE _____

Module 19 Analyzing Data and Statistics
Lesson 2 Interpreting Graphs of Data

Lesson Objectives

- Interpret line graphs.
- Interpret bar graphs.
- Interpret circle graphs.

A _____ graph is a graph that uses _____ between data points to show changes in data over a period of time.

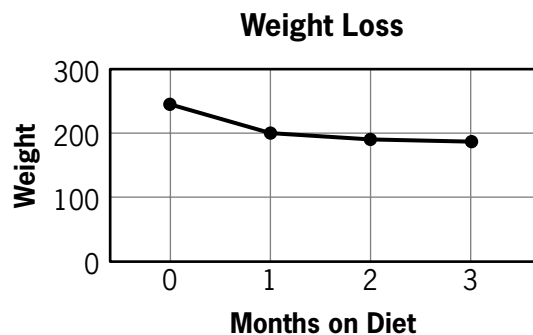
You can use line graphs to look for trends in data.

A _____ slope indicates an increase.

A _____ slope indicates a decrease.

A _____ slope indicates a sharp change.

A horizontal line with a slope of zero indicates _____.



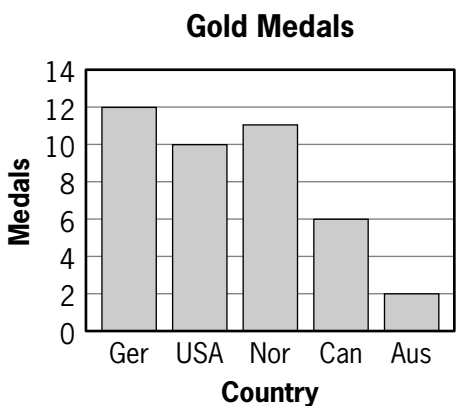
The line graph shows the progress Newt's father is making on his diet.

1 What is the maximum weight displayed on the graph?

2 What trends are displayed on the line graph?

© 2003 BestQuest

A _____ graph is used to compare amounts and uses _____ to represent data.

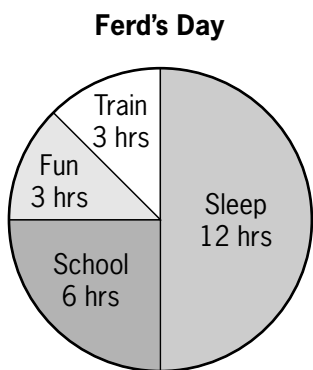


3 Use the gold medal graph to list the countries, in order, from most gold medals won to least gold medals won. _____

A circle graph, or pie chart, compares _____ to a _____.

The entire circle represents the _____.

Each sector of the circle represents _____ of the _____.



4 What fraction of the circle represents sleep? _____

5 Which two activities together make up twenty-five percent of the circle?

© 2003 BestQuest

