**Lesson 3 Optional Writing Assignment**  Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What kind of data would be better represented by a line graph than by a bar graph? (Give an example.
2. When choosing the key for a pictograph, what kinds of things must be considered?
3. Can data from a tally chart be displayed in a pictograph?
4. Which types of graphs can be used to display categorical data (e.g., red, blue, green, yellow, purple) in addition to numerical data (i.e., 1, 2, 3, 4, 5)?
5. In a vertical bar graph, can all the bars be different widths? Why or why not?