

Directions: Answer the following questions using complete sentences.

1. Why are organizing and presenting data important to scientists?
2. What type of data do you use a line graph for?
3. What is the independent variable and where does it go on the graph?
4. What is the dependent variable and where does it go on the graph?
5. What type of data do you use a bar graph for?
6. What type of data do you use a bar graph for?
7. What is scientific notation?
8. What is the advantage of scientific notation?
9. When are the powers of 10 negative?
10. What do you do with the powers of ten when you multiply in scientific notation?
11. What is a significant figure?
12. How good can the answer to a mathematical calculation be?