

1

Chapter 1 Pretest

1. True or False: Science and technology are not related.
2. Which of the following are areas of science?
 - a. biology and chemistry
 - b. astronomy and geology
 - c. zoology and botany
 - d. all of the above
3. Why do scientists document their observations and experiments?
4. Which number is largest?
 - a. 1.13×10^9
 - b. 3.51×10^3
 - c. 5.88×10^5
 - d. 7.92×10^2

3. Sample answer: to remember them correctly or analyze them at a later time
4. a

ANSWERS
1. False
2. d

ANSWERS

5. c

6. c

7. The ratio of a vertical change to the corresponding horizontal change.

8. Sample answers: line, bar, and circle graphs

2

Chapter 1 Pretest (*continued*)

5. Which unit can be used to measure volume?
 - a. m
 - b. m^2
 - c. m^3
6. Which of the following units is the longest?
 - a. meter
 - b. centimeter
 - c. kilometer
 - d. millimeter
7. What is the slope of a line?
8. What types of graphs have you seen before?