

Name: _____ Date: _____

Review #2 (Page 9-10, General Science Textbook)

1. Why is using measurements important? (4)

a. _____

b. _____

c. _____

d. _____

2. Why is having a standard important? (2)

3. What is the modern system of measurements used by all scientists called? (1)

4. Complete the following table on various SI units. (10)

Measurement	Unit	Symbol
time		
		m
	Cubic meter	
		kg
	Kelvin	
weight		

5. Name the instrument used to measure the following: (8)

- a. length _____
- b. mass _____
- c. time _____
- d. weight _____
- e. temperature _____
- f. volume of liquid _____
- g. solid with irregular shape _____
- h. solid with an irregular shape _____

6. Write the formula to calculate density. (1)

7. Why is mass not weight? (2)

8. Name the three current temperature scales.(3)

9. Write true or false next to the following statements: (6)

___a. Always hold the thermometer by its bulb.

___b. Eyes should be directly above the point of measurement when taking a reading using a ruler.

___c. Never hold the thermometer by its stem.

___d. Keep your eye level with the highest point of the meniscus when measuring the volume of liquid.

___e. Never put the bulb of a thermometer in a flame.

___f. Only one person should hold a thermometer to take a reading.

10. Write the term for the following definitions: (7)

_____a. the pull of gravity of an object.

_____b.the measure of the hotness of an object.

_____c. The mass of a substance in one unit of its volume.

_____d. The amount of space occupied by matter.

_____e. The amount of matter that makes up an object.

_____f. determining the length, area, volume, mass , temperature or time to describe the conditions or object.

_____g. basic unit that represent a system of measurement