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		

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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.

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___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

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