

Name: _____

Date: _____

BLM 2-3

Making Different Types of Observations

1. Define each type of property. Then give an example of each.

a) physical property _____

b) chemical property _____

c) qualitative property _____

d) quantitative property _____

2. Classify the following observations as qualitative or quantitative. Use a check mark to show your choice.

	Qualitative	Quantitative
a) A tulip is yellow.		
b) Gold melts at 1063°C.		
c) Lemons taste sour.		
d) Water boils at 100°C.		
e) The rock weighs 50 kg.		
f) Sand paper feels rough.		
g) A ball is round.		

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(continued)

3. Classify the following properties as physical or chemical. Use a check mark to show your choice.

	Physical	Chemical
a) Water freezes at 0°C.		
b) Diamonds can cut glass.		
c) Hydrogen is a flammable gas.		
d) Vinegar reacts with baking soda.		
e) Carbon dioxide is a gas.		
f) The beaker holds 50 mL of water.		
g) Iron metal rusts.		

4. Complete the sentences with the words from the list.

characteristic
numbers

chemical property
qualitative

physical property

- a) Another word for property is _____.
- b) You can use words to describe _____ properties.
- c) You can use _____ to describe quantitative properties.
- d) Sodium reacting with water is an example of a _____.
- e) Height is an example of a _____.