



IC1 Mini Review #3 19-20

10 Questions

NAME : _____

CLASS : _____

DATE : _____

1. A student has two pieces of aluminum foil. Each piece can be folded and rolled into a wire. Why do both pieces of aluminum foil behave the same way?

<input type="checkbox"/> a) They are composed of the same types of atoms.	<input type="checkbox"/> b) They are composed of different types of atoms.
<input type="checkbox"/> c) They are the same color.	<input type="checkbox"/> d) They are the same shape.
2. Different _____ of atoms in a substance result in different properties.

<input type="checkbox"/> a) types	<input type="checkbox"/> b) arrangements
<input type="checkbox"/> c) amounts	<input type="checkbox"/> d) all of the above
3. Which of the following is NOT considered a property?

<input type="checkbox"/> a) Hardness	<input type="checkbox"/> b) Color
<input type="checkbox"/> c) Mass	<input type="checkbox"/> d) Malleability
4. If two metals have the same color, does this mean they are the same substance?

<input type="checkbox"/> a) Yes, color is a property	<input type="checkbox"/> b) No, you need more information to decide
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5. Why do different substances have different properties?

<input type="checkbox"/> a) Some have more mass than others	<input type="checkbox"/> b) They could be made of different atoms.
<input type="checkbox"/> c) They are different shapes	

6. Which answer(s) is/are NOT correct about elements.

- ☐ a) They are all metals. ☐ b) Substances made of only one type of atom.
- ☐ c) Can be found on the Periodic Table ☐ d) Substances made of at least two different atoms.

7.



Steam is an example of a

- ☐ a) solid ☐ b) liquid
- ☐ c) gas

8. Evaporation can take place at

- ☐ a) only high temperatures ☐ b) only low temperatures
- ☐ c) at all temperatures

9. How many atoms are in one molecule of oxygen (O_2)?

- ☐ a) one ☐ b) two
- ☐ c) three ☐ d) four

10. Describe the heat energy transfer that happens if you hold an ice cube in your hand on a warm day.

- ☐ a) energy travels from hand to ice cube ☐ b) energy travels from ice cube to hand
- ☐ c) no energy transfer happens ☐ d) energy travels from the ice cube to the air