

Date: _____

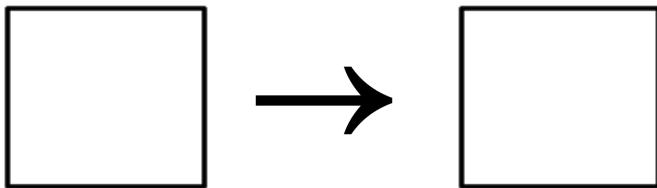
Chapter 5, Lessons B & C Practice Worksheet (5 B & C)

1. Compare between the states of matter using the words below.

| | solid | liquid |
|--------------------------|-------|--------|
| arrangement of particles | | |
| movement of particles | | |

2. Butter melts at 35 °C.

a. Draw the particle model that shows the process of butter melting.



b. Melting butter is a physical change. Explain in one sentence.

3. Flour is a solid that acts like a liquid.

In 2 ways write how it acts like a liquid.

1. _____

2. _____

4. Mia finds this information about some substances.

a. Write 2 substances in the table that are liquid in your opinion?

| substance | does the substance flow easily? |
|-----------|---------------------------------|
| A | no |
| B | yes |
| C | yes |
| D | no |
| E | yes |
| F | yes |

5. Write **physical** or **chemical change** next to the statement that

describes it best.

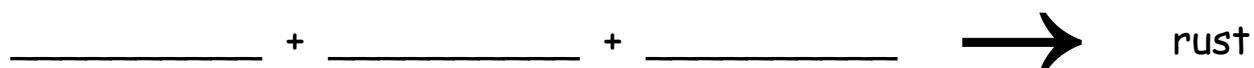
a. A change in color is noticed. _____

b. There is a new substance formed. _____

c. A change in size, shape and appearance is noticed. _____

6. Rust is a new substance that forms when two or more substances react together.

Name the substances that react with each other to form rust.



7. Fill in the blanks.

_____ : something that is made of one type of matter

_____ : a process that results in the formation of one or more new substances

_____ : the change from a liquid into a solid

_____ : the model that describes the way particles in matter are arranged and how they move about

_____ : the matter that an object is made of

_____ : tiny units that make up matter

_____ : an investigation where only one variable is changed and all other conditions are kept the same

_____ : the change from a solid into a liquid

_____ : a change in which no new substance is formed

_____ : factors or conditions that can be changed or kept the same in an investigation