

Date: _____

Chapter 5, lesson C: Chemical Reactions (5.C.1)

1. A chemical reaction takes place when substances are mixed to form a new substance. Which of these are chemical changes?

Tick (✓) the **three** correct answers.

- ☐ burning wood
- ☐ cooking an egg
- ☐ crushing a drink can
- ☐ freezing fruit juice
- ☐ iron rusting

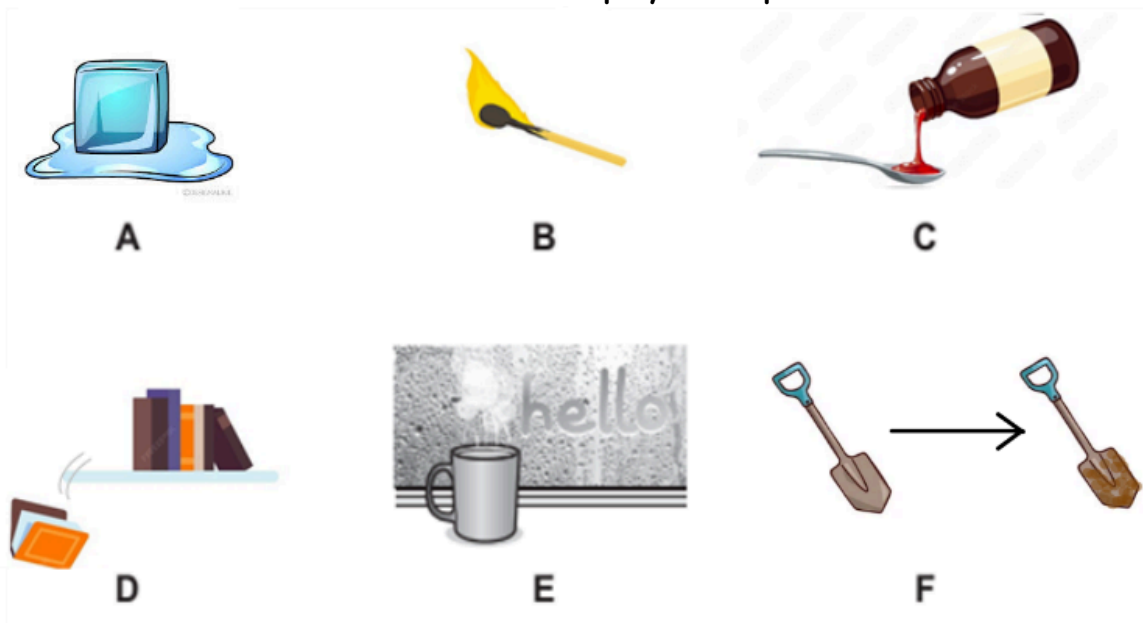
2. We may observe some changes when a chemical reaction is taking place. **Baking a cake is a chemical reaction.**

What changes may be observed when the chemical reaction is taking place?

Write down **one** change.

3. Kai observes an iron nail. The iron nail has a **brown** substance on it. His mother says that a chemical reaction has happened to the iron nail. Explain how so.

4. There are chemical reactions and physical processes.



a. Which two letters show chemical reactions?

_____ and _____

b. Which two letters show physical processes?

_____ and _____

c. Draw an example of a **chemical** reaction .

