

HW  
9/7/21

A. Tick (✓) the correct option answers.

1. Which of the following is a physical change?

a. ✓ melting of butter                      b. ~~rusting~~ rusting of iron

c. burning of paper                      d. changing of wheat to bread

2. Milk turning sour is a

a. physical change                      b. reversible change

c. ✓ chemical change                      d. none of these

3. Sugar and salt are soluble in water.

a. ✓ Sugar                      b. Chalk

c. ~~Kerosene~~ Sand                      d. Kerosene

4. In ice, the water molecules are / can

a. Stuck together                      b. ✓ very close to each other

c. move around freely                      d. move very fast

5. The gas that bubbles out of an aerated drink is a :

a. Nitrogen

b. Oxygen

c. Hydrogen

✓  
d. carbon dioxide

B. Match the following, each word with its description.

1. matter

a. has a definite shape and volume

2. molecule

b. has no definite shape, but a definite volume

3. gas

c. sugar

4. miscible in water

d. attraction between molecules is least

5. solid

e. anything that takes up space and <sup>has</sup> weight

6. liquid

f. smallest unit of a substance <sup>molecules</sup>