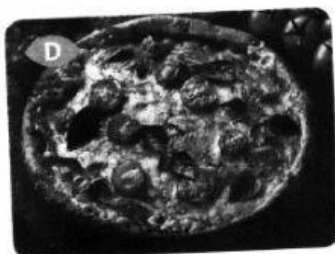
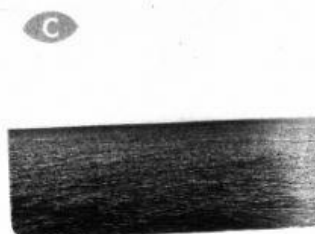


# Matter

Name \_\_\_\_\_

- 1 Identify each type of mixture. Write *heterogeneous* or *homogeneous*.



- 2 Match and write an example of a mixture for each method of separation.

a. to separate solids from liquids in solutions

distillation

b. to separate liquids with different boiling points

magnetic separation

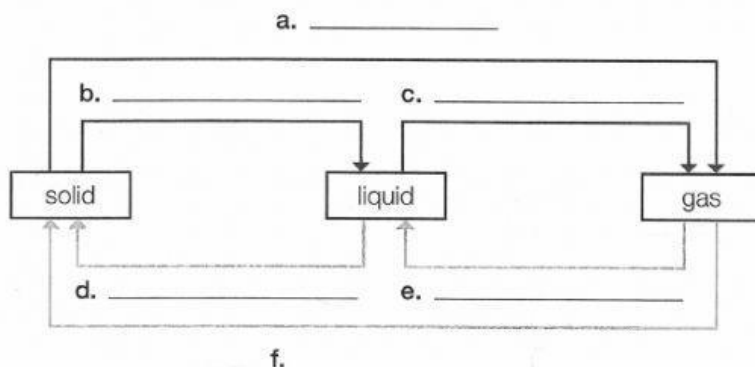
c. to separate mixtures with metals, like iron

filtration

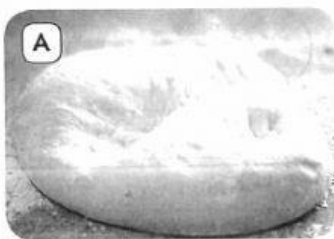
d. to separate solids from liquids or solid particles of different sizes

evaporation

- 3 Use the words from Activity 2 to label the diagram.



- 4 Look at the photos and write *combustion*, *fermentation* or *oxidation*.



- 5 Read and write the type of chemical change.

- |  |       |
|--|-------|
| a. Bread dough rises.                        | _____ |
| b. Wood transforms into smoke, ash and heat. | _____ |
| c. Milk transforms into yogurt.              | _____ |
| d. The edges of a piece of fruit turn brown. | _____ |
| e. Milk transforms into kefir.               | _____ |
| f. An old metal fence turns rough and brown. | _____ |

- 6 Read the sentences and write *physical change* or *chemical change*.

- |   |       |
|---|-------|
| a. New substances are produced.                     | _____ |
| b. They are caused by changes in temperature.       | _____ |
| c. Chemical reactions cause these changes.          | _____ |
| d. They happen when two or more substances combine. | _____ |
| e. The original substance stays the same.           | _____ |
| f. They are irreversible changes.                   | _____ |