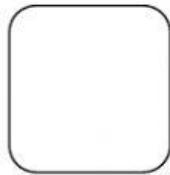


UNIT 3
THE PROPERTIES OF MATTER

Name:
Class: Date:

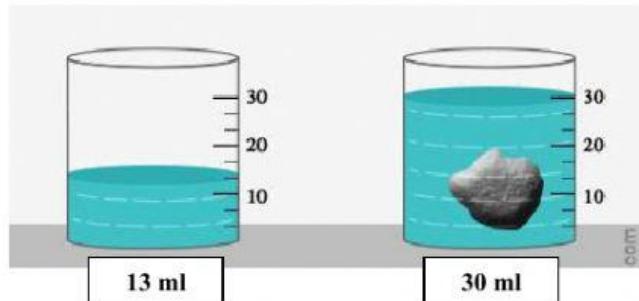


- 1 Relate the elements in each of the three columns.
 - A. Melting. 1. Changing from a liquid to a gas
 - B. Solidification. 2. Changing from a solid to a liquid.
 - C. Evaporation. 3. Changing from a gas to a liquid.
 - D. Condensation. 4. Changing from a liquid to a solid

- 2 Classify the following materials: *glass, plastic, metal, sponge, wood, rubber.*

Waterproof	Flexible	Transparent	Strong	Conductor	Insulator	Opaque	Soluble

- 3 What is the mass of the following object? And the volume? Calculate the density.



$$M =$$

$$D =$$

$$V =$$

- 4 After calculating the density of the stone, will it sink or float in the water?

- 5 One rock has got a mass of 30 g and occupies a space of 50 ml. Can you calculate its density? Will this rock sink or float in the water?