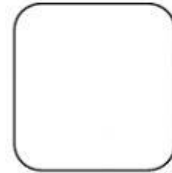


UNIT 3 THE PROPERTIES OF MATTER

Name:
Class: Date:



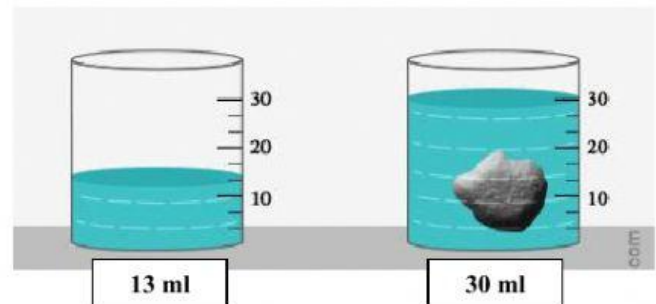
1 Relate the elements in each of the three columns.

- | | |
|--------------------|---------------------------------------|
| 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?