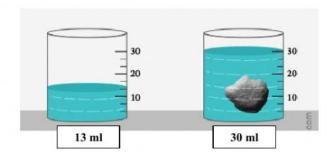
| UNIT 3 THE PROPERTIES OF MATTER | |
|---------------------------------|--|
| Name: | |

- 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?

