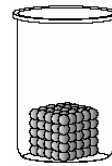
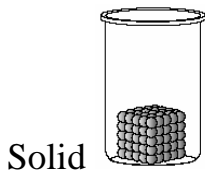


Matter: Matter is anything that has mass and takes up space

\_\_\_\_\_ is anything that has \_\_\_\_\_ and takes up \_\_\_\_\_

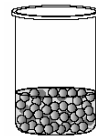
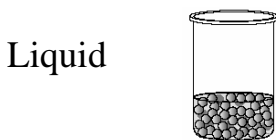
3 states of matter: solid, liquid, gas

3 states of matter: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



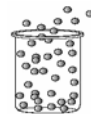
A solid has definite volume and definite shape. A solid **does not** change shape when you put it in a container.

A solid has definite \_\_\_\_\_ and definite \_\_\_\_\_. A solid \_\_\_\_\_ change shape when you put it in a container.



A liquid has definite volume and NO definite shape so it takes the shape of its container. (example: water.)

A liquid has definite \_\_\_\_\_ and NO definite \_\_\_\_\_ so it takes the shape of its container (example: water.)

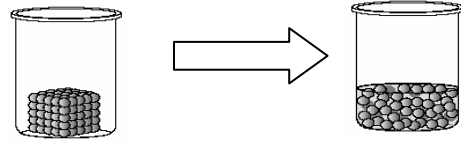
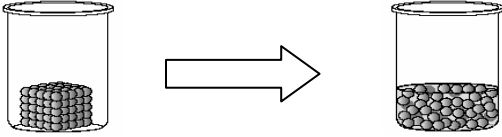


A gas has NO definite volume and NO definite shape so particles can move around freely, takes both the shape and volume of its container.

A gas has \_\_\_\_\_ definite \_\_\_\_\_ and \_\_\_\_\_ definite \_\_\_\_\_ so particles can move around freely, takes both the shape and volume of its container.

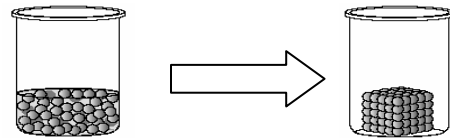
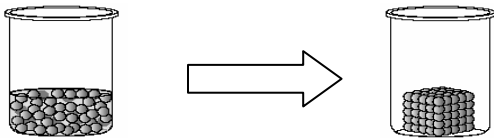
Solid to a liquid = melting

This shows: \_\_\_\_\_



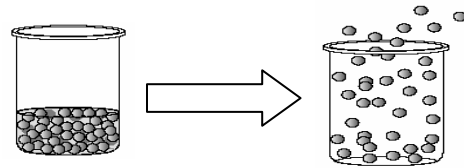
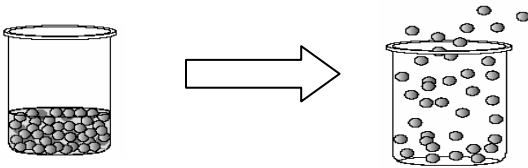
Liquid to a solid = freezing

This shows: \_\_\_\_\_.



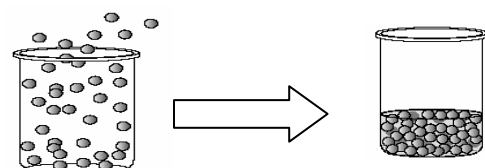
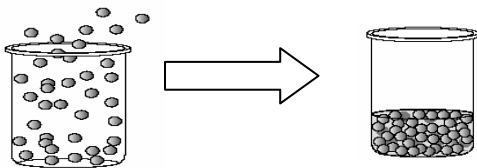
Liquid to a gas = evaporation

This shows: \_\_\_\_\_.



Gas to a liquid = condensation

This shows: \_\_\_\_\_.



Cycle: sequence of events that repeats.

Cycle: \_\_\_\_\_ of events that \_\_\_\_\_.

System: a collection of cycles, structures, and processes that interact.

System: a collection of \_\_\_\_\_, structures, and processes that \_\_\_\_\_.