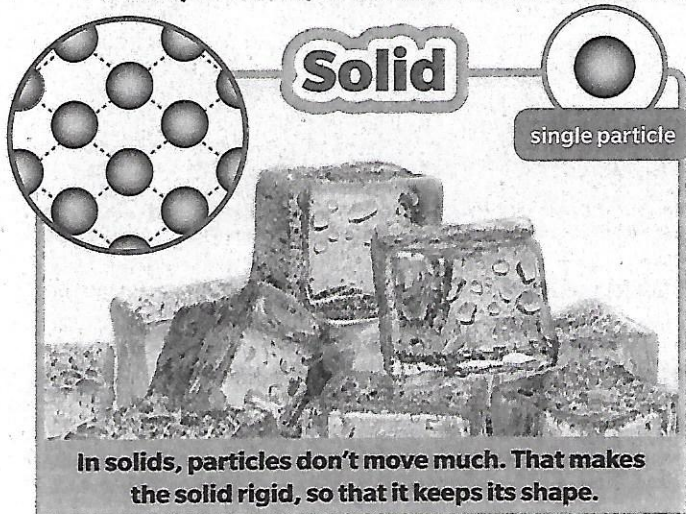


Name: _____

States of Matter

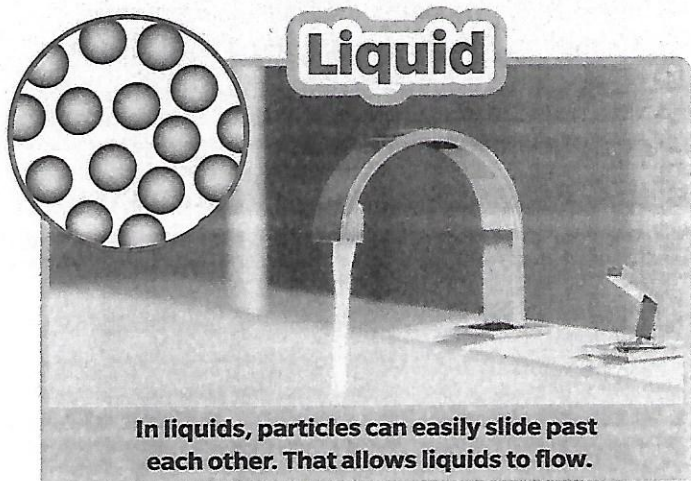
Geologist Jason Gulley studies how solid glacier ice melts into liquid water. Solid and liquid are two states, or forms, of matter. The three most common states of matter are solid, liquid, and gas.



Solid

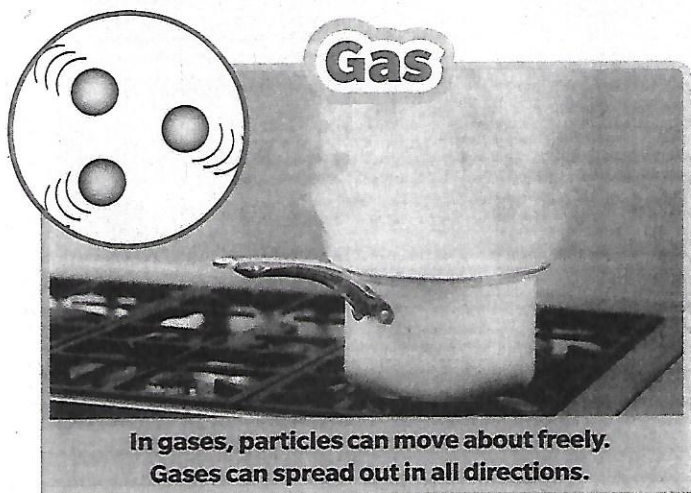
single particle

In solids, particles don't move much. That makes the solid rigid, so that it keeps its shape.



Liquid

In liquids, particles can easily slide past each other. That allows liquids to flow.



Gas

In gases, particles can move about freely. Gases can spread out in all directions.

QUICK QUIZ: Answer the following questions using what you learned from the article and the diagram (left).

- 1** What is a glacier?
Ⓐ a type of waterfall
Ⓑ a tool used to climb mountains
Ⓒ a large body of slowly moving ice
Ⓓ a fluffy type of cloud
- 2** _____ is a shift in Earth's average temperatures and weather patterns.
Ⓐ Sea-level rise
Ⓑ Climate change
Ⓒ Weather change
Ⓓ Meltwater
- 3** Jason Gulley studies how glaciers are _____.
Ⓐ growing
Ⓑ snowing
Ⓒ bubbling
Ⓓ melting
- 4** The three common states of matter on Earth are solid, liquid, and _____.
Ⓐ ice
Ⓑ gas
Ⓒ dust
Ⓓ air
- 5** _____ is made of particles that don't move much.
Ⓐ Steam
Ⓑ A brick
Ⓒ Apple juice
Ⓓ Water