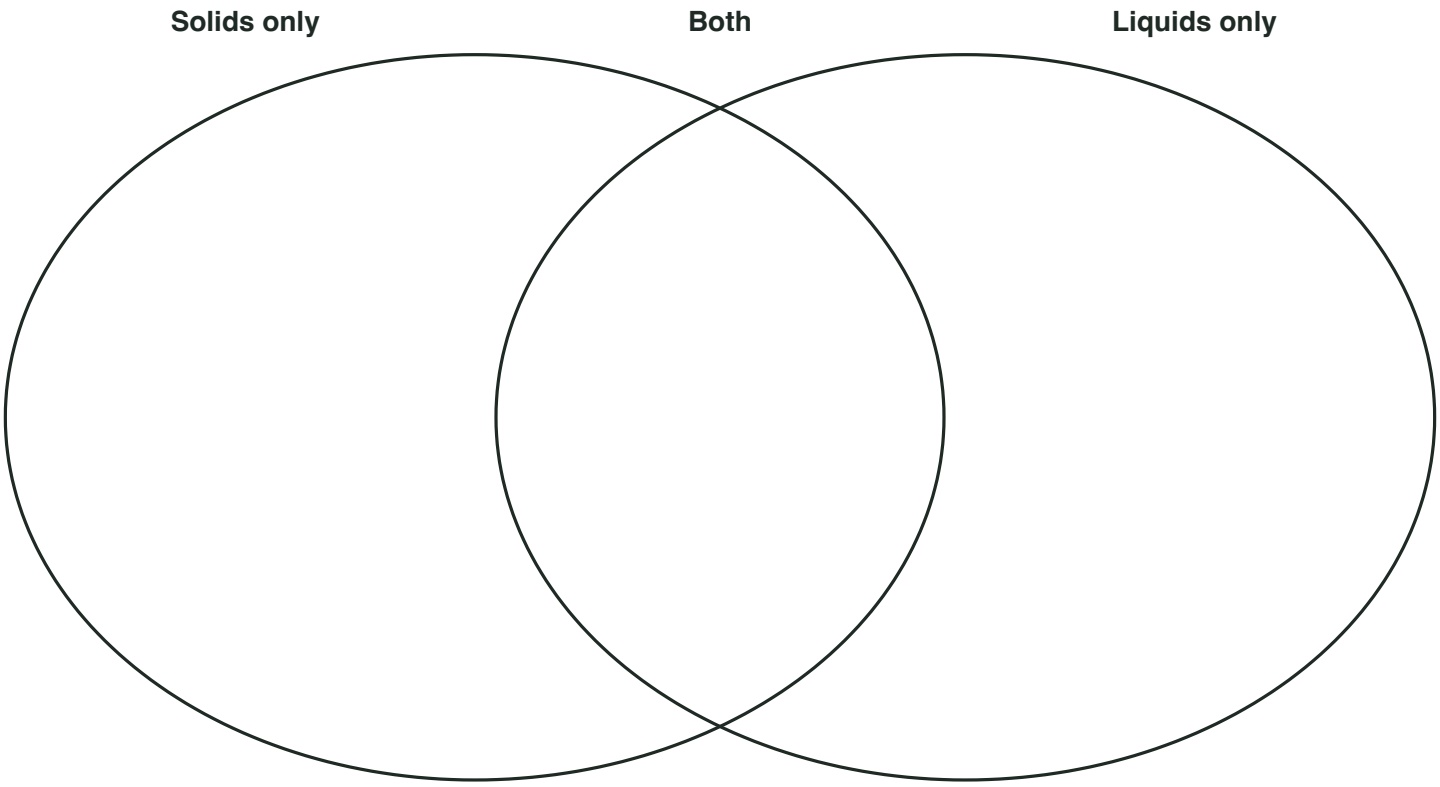
States of Matter Compare

Name _____

Solids and Liquids

Write each word from the word bank in the part of the diagram where it belongs.



Word bank Flows when poured · Has a fixed volume · Has mass · Keeps its own shape · Made of particles · Particles in a fixed pattern · Particles slide around · Particles vibrate in place · Takes its container's shape · Takes up space

A gas is not on this diagram. Which words from the "Both" part are also true for a gas? Which one is not true?

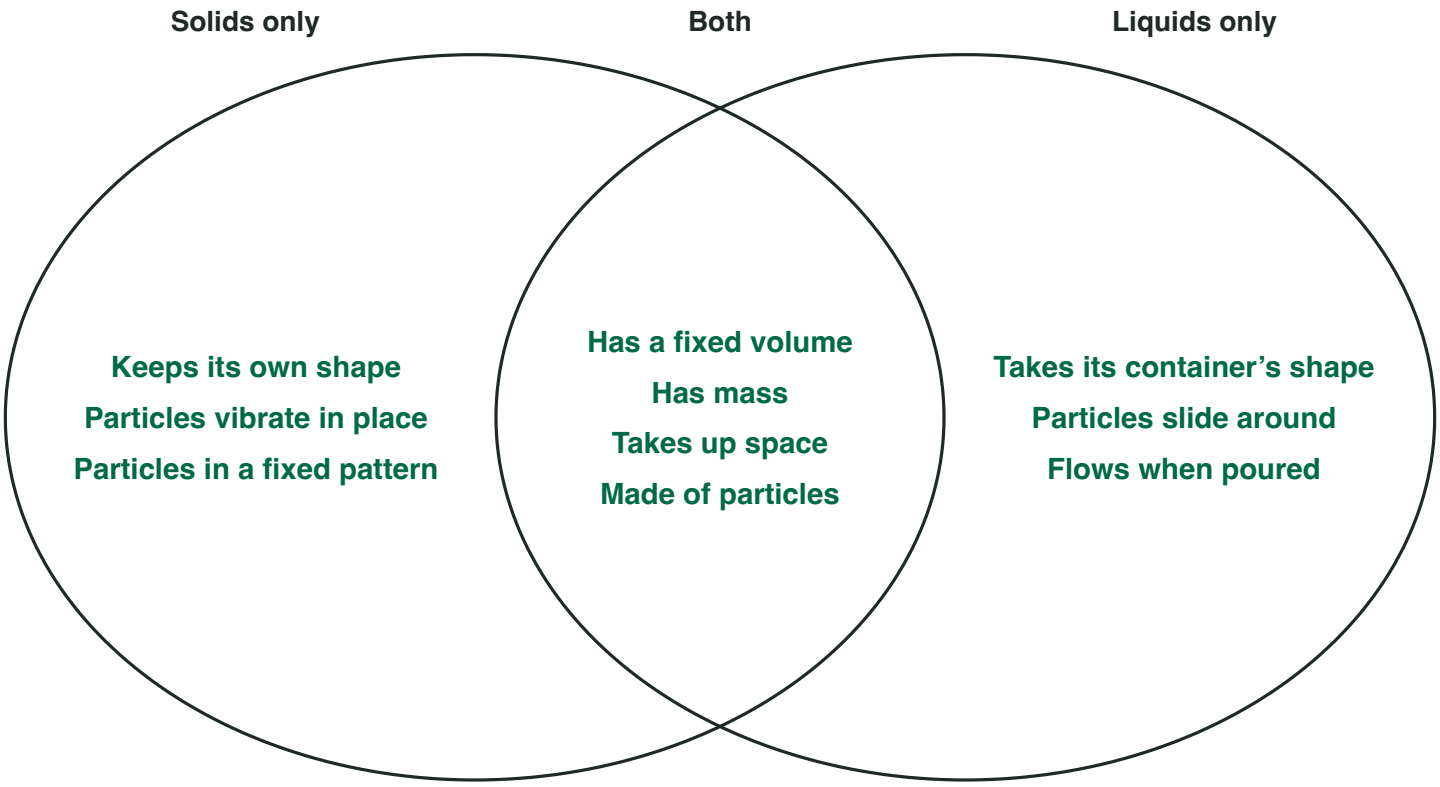
_____

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States of Matter Compare

Solids and Liquids Answer Key

Answers are in green.



Word bank Flows when poured · Has a fixed volume · Has mass · Keeps its own shape · Made of particles · Particles in a fixed pattern · Particles slide around · Particles vibrate in place · Takes its container's shape · Takes up space

A gas is not on this diagram. Which words from the "Both" part are also true for a gas? Which one is not true?

A gas has mass, takes up space and is made of particles. It does not have a fixed volume. It spreads out to fill its container.