

# Which substances do not fit into one state of matter?

Science

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# Properties of solids

- Solids cannot be c\_\_\_\_\_
- Do not f\_\_\_\_\_
- Have a f\_\_\_\_\_ S\_\_\_\_\_



# Properties of liquids

- Liquids cannot be c\_\_\_\_\_
- Can f\_\_\_\_\_
- Can take the shape of  
\_\_\_\_\_  
\_\_\_\_\_



# Properties of gases

- Gases can be c\_\_\_\_\_
- Can f\_\_\_\_\_
- Can f\_\_\_\_\_ the shape of their container



# What happens to the particles as they are heated?

\_\_\_\_\_ temperature - particles have \_\_\_\_\_ - the  
substance \_\_\_\_\_



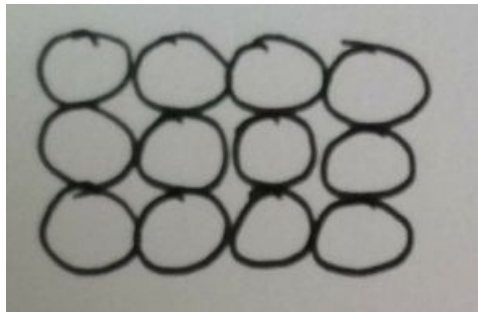
# What happens to the particles as they are cooled?

\_\_\_\_\_ temperature - particles have \_\_\_\_\_ - the  
substance \_\_\_\_\_



# Which state change does each arrow represent?

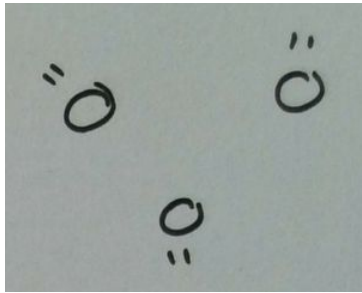
**Solid**



**Liquid**



**Gas**



# How do we measure temperature?

Temperature is measured using a scale called **c**\_\_\_\_\_

**0°C** is the temperature at which **water** \_\_\_\_\_

**100°C** is the temperature at which **water** \_\_\_\_\_





# What is a fixed point?

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# Is jelly a solid, a liquid or a gas?

Jelly is like a solid because.....

Jelly is like a liquid because.....



# Is sand a solid, a liquid or a gas?

Sand is like a solid because.....

Sand is like a liquid because.....

