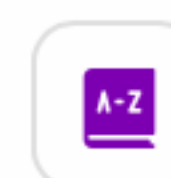
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21. Check My Understanding



Select the correct answer.

This state of matter has its particles moving around freely.

**A** Gas state**B** Unknown state**C** Liquid state**D** Solid state

Gas particles move around freely.

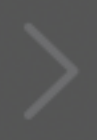


You got three in a row!

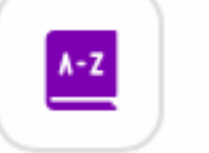


Next



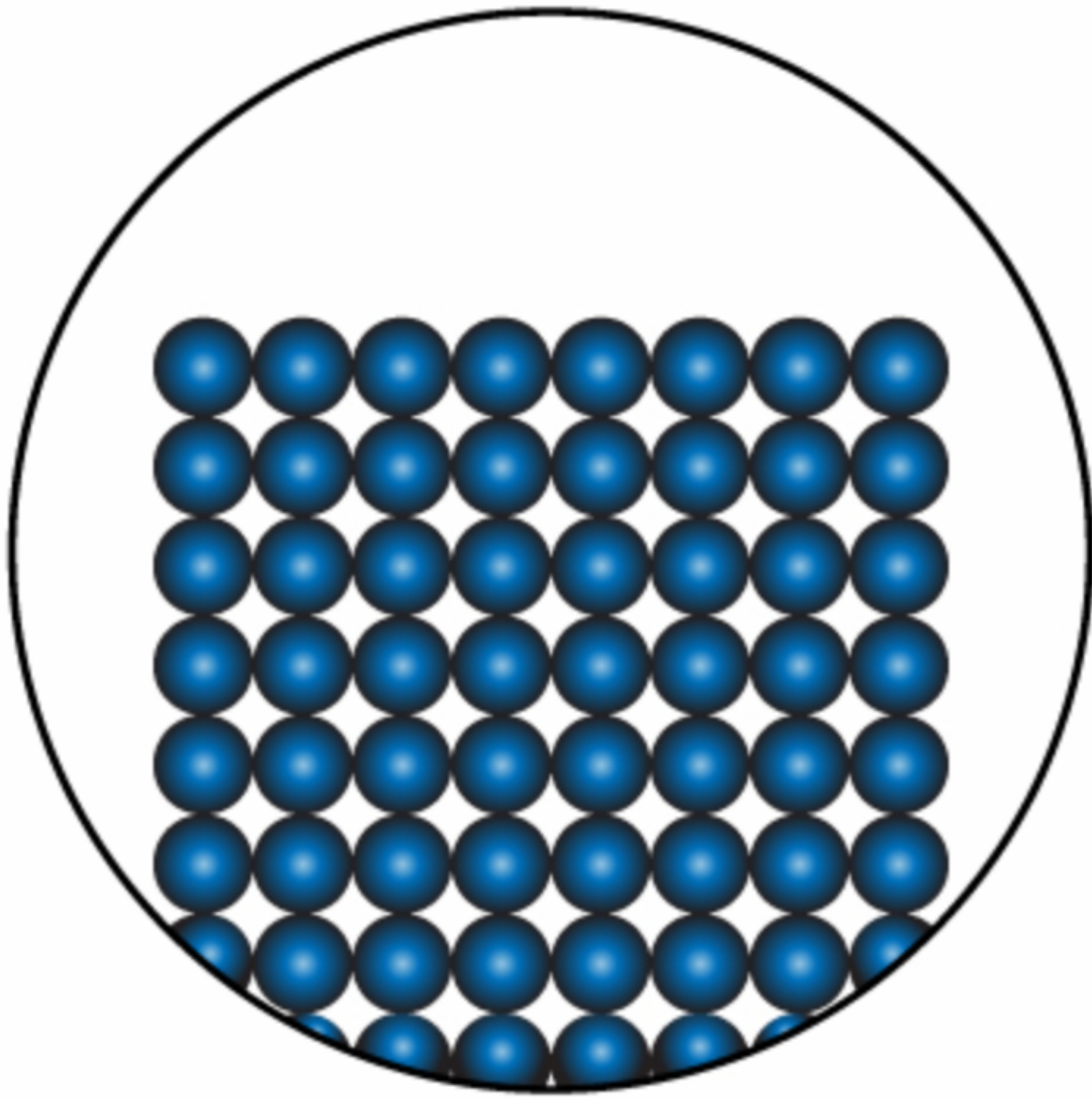
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21. Check My Understanding

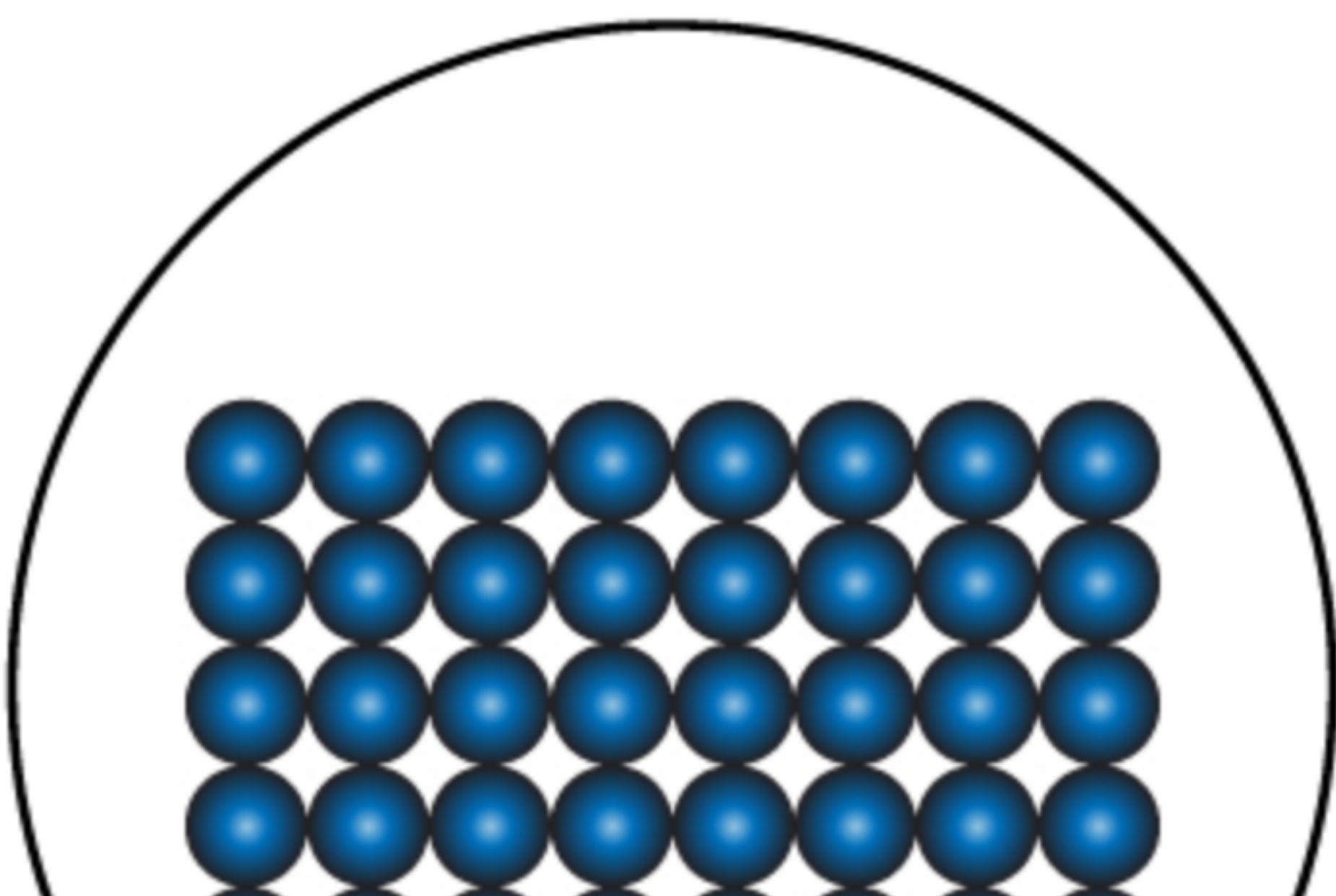


Select the correct answer.

Which state of matter does this image show?

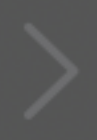
**Attempt 1**☐ **A** Gas state☒ **B** Solid state ✓☐ **C** Liquid state☐ **D** Unknown state

In this image, the particles are close to each other and do not move past each other. This shows a solid state of matter.



You got three in a row!

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21. Check My Understanding

**Select the correct answer.**

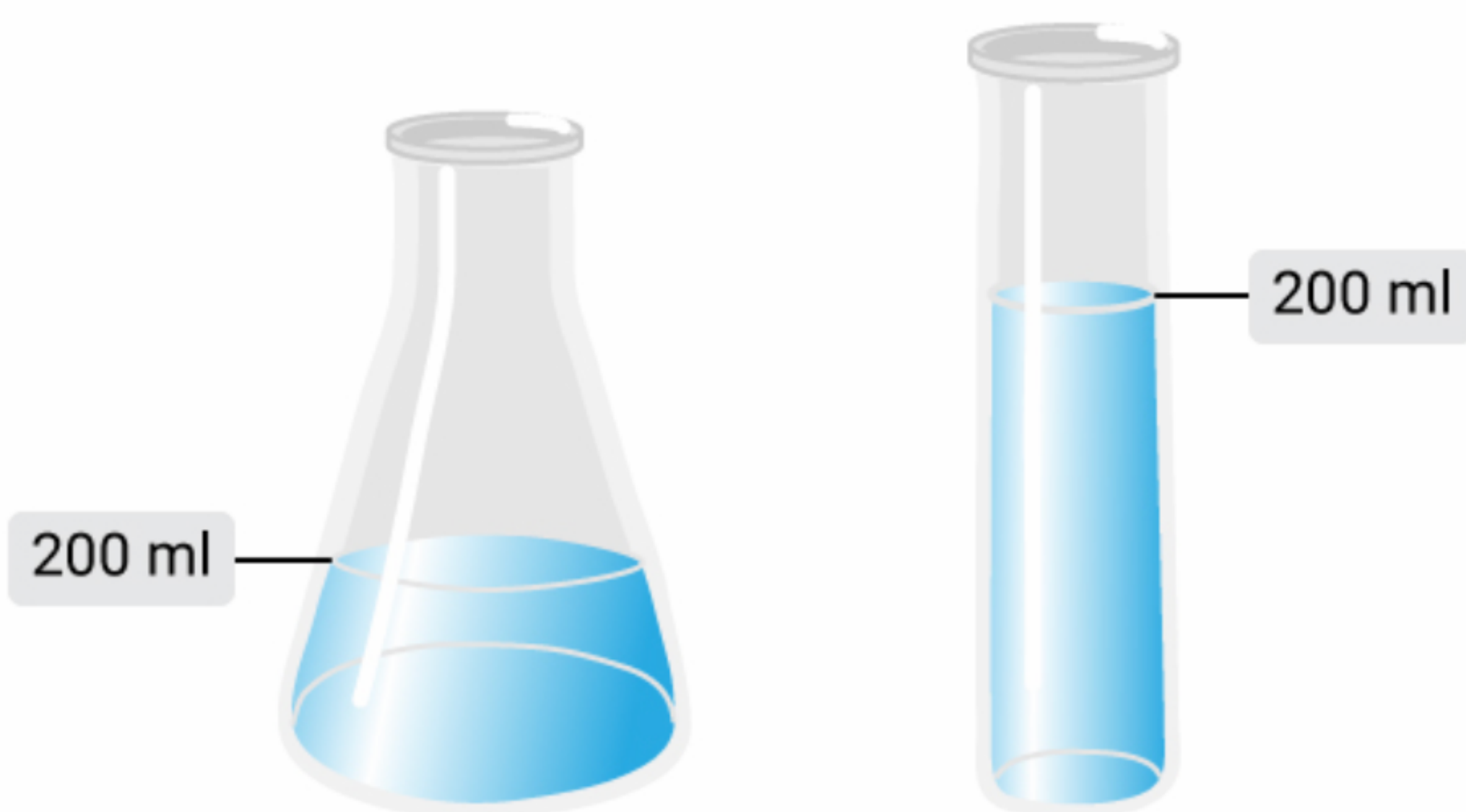
Which of the following is true about liquids?

Attempt 1**A** They have no fixed volume but fixed shape**B** They have fixed volume and fixed shape**C** They have fixed volume but no fixed shape**D** They have no fixed volume and no fixed shape

Liquids have fixed volume but no fixed shape.

Volume

Liquids of the same volume take the shape of the container



You got three in a row!

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21. Exit ticket

**Select the correct answer.**

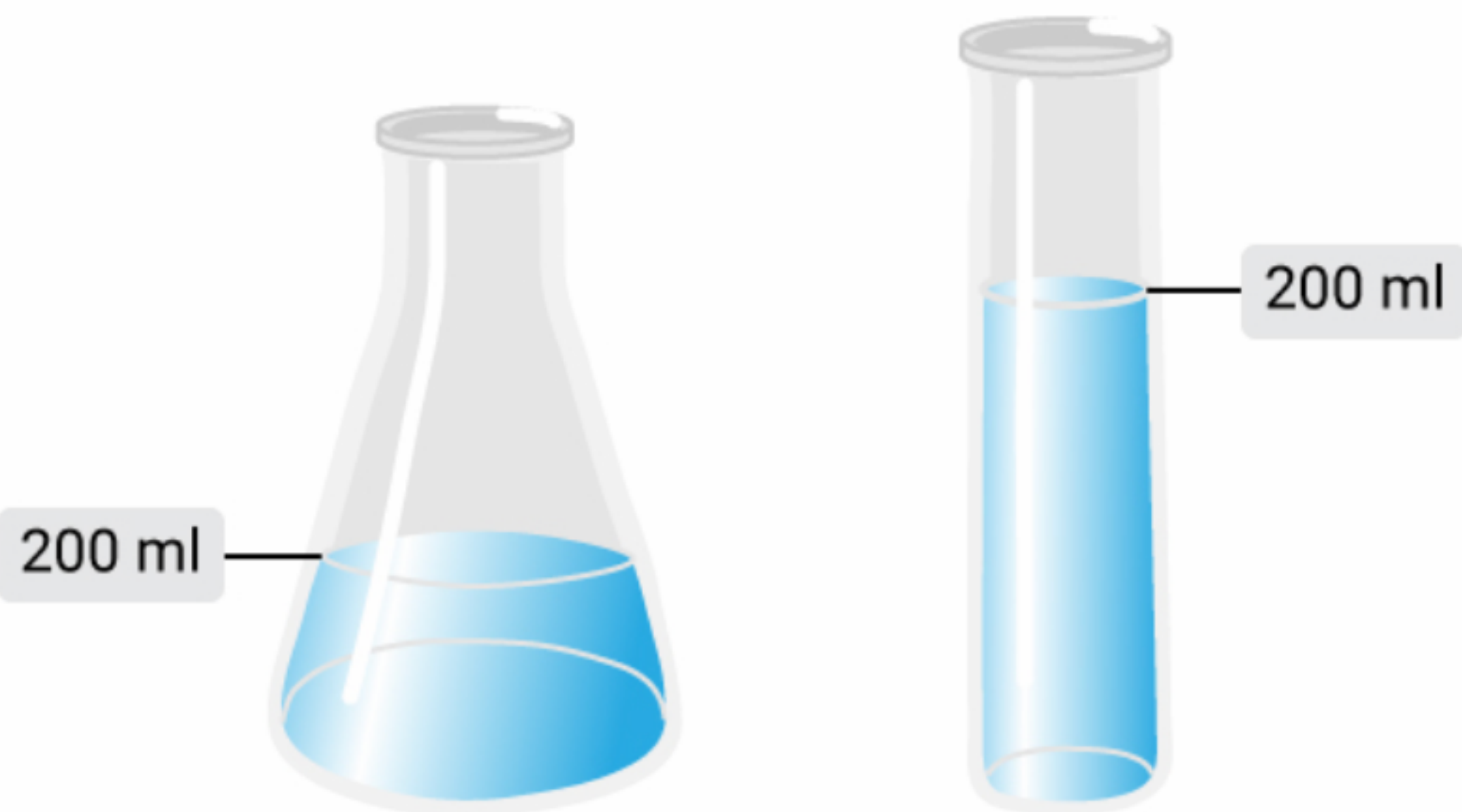
This state of matter takes the shape of the container it is in.

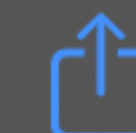
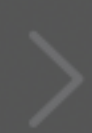
**A** Gas state**B** Unknown state**C** Solid state**D** Liquid state

A liquid takes the shape of the container it is in.

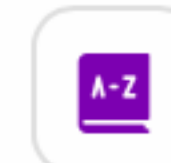
Volume

Liquids of the same volume take the shape of the container



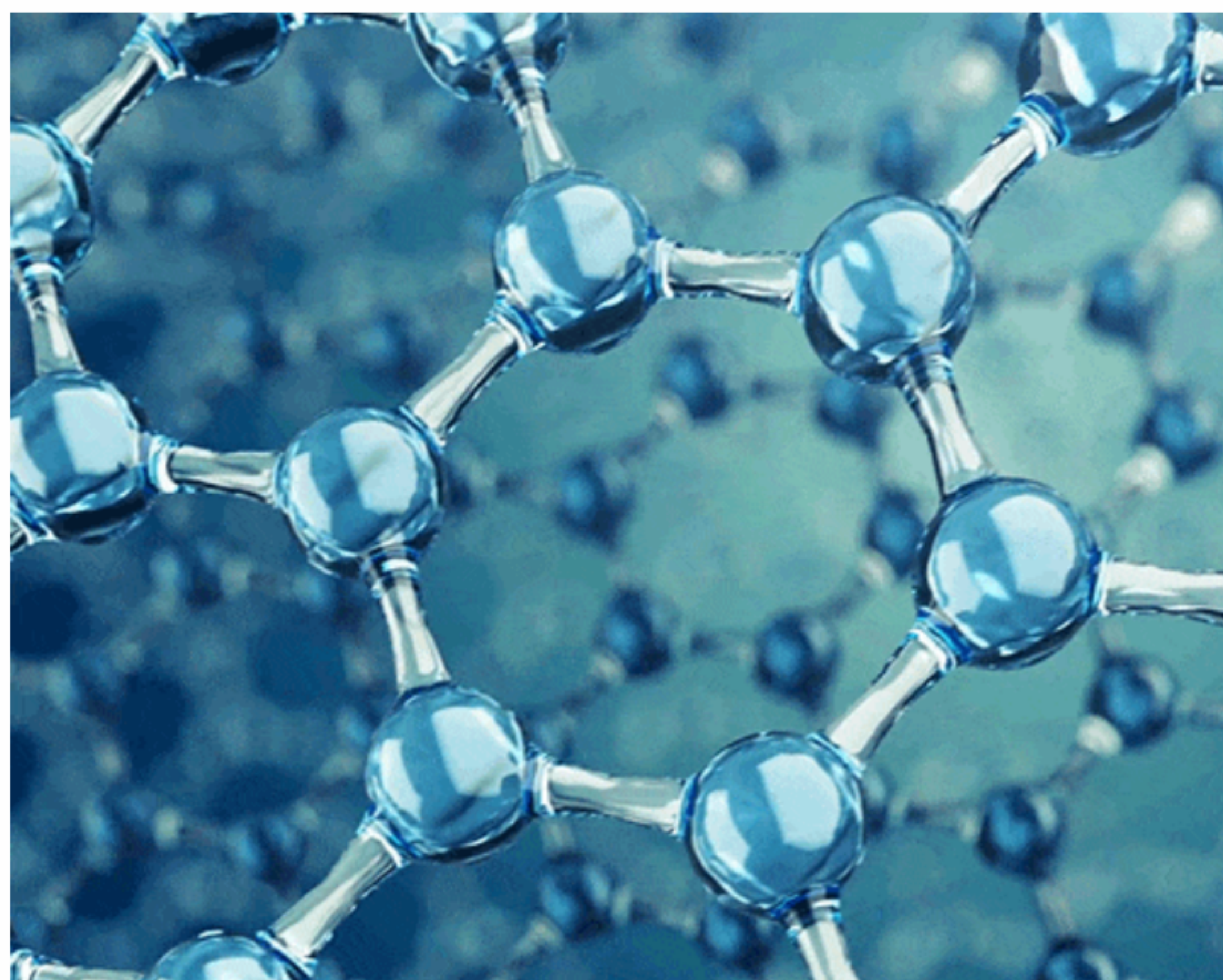
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21. Exit ticket



Select the correct answer.

Which state of matter does this image show?



☐ **A** Unknown state

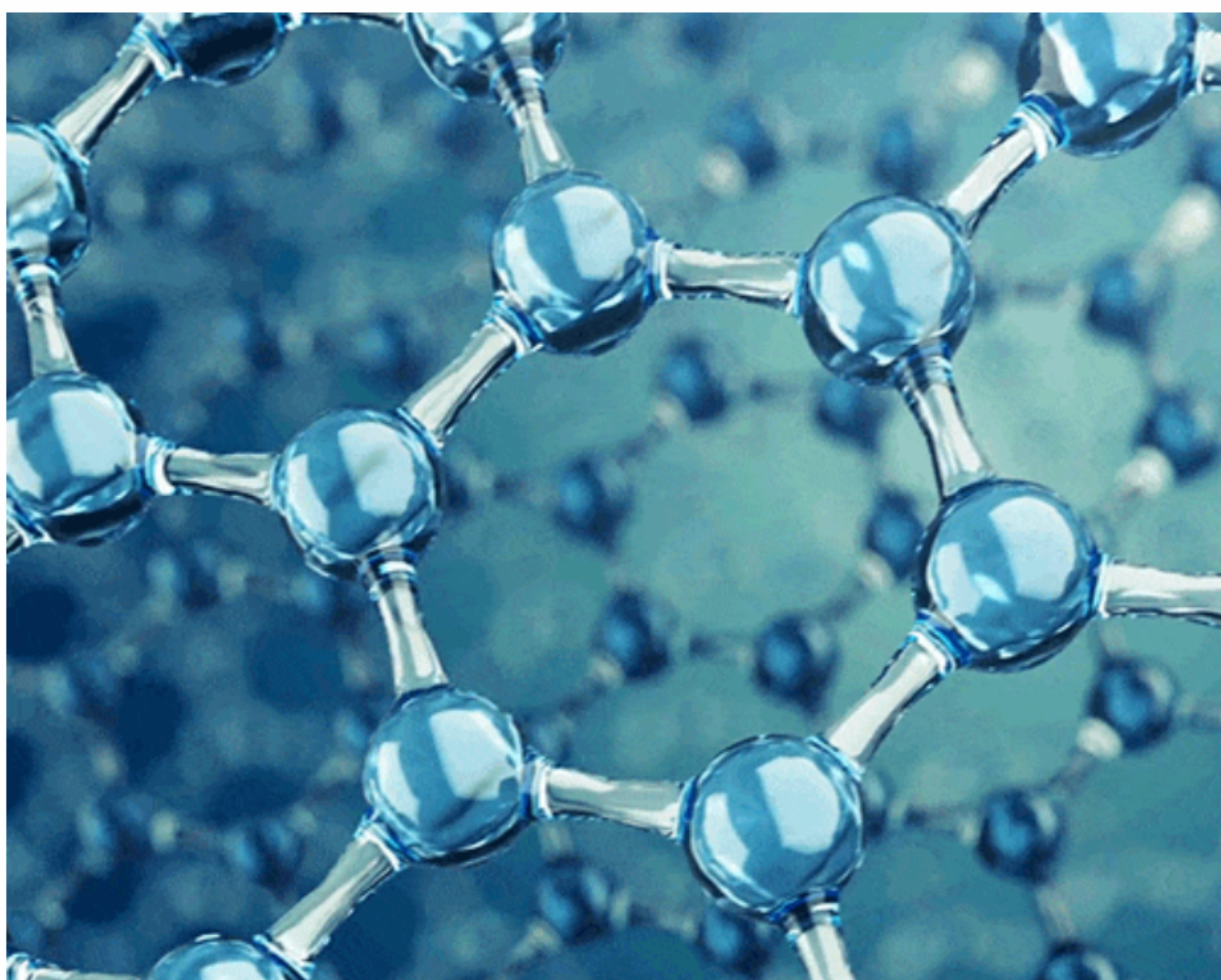
☒ **B** Solid state

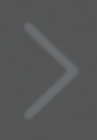


☐ **C** Gas state

☐ **D** Liquid state

In this clip, the particles are close to each other and do not move past each other. This shows a solid state of matter.



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21. Exit ticket

**Select the correct answer.**

How would you change the state of matter from liquid to solid?



A We break it until it changes state



B We keep the same temperature and it will change state alone



C We decrease the temperature until it changes state



D We increase the temperature until it changes state

When we decrease the temperature of a liquid, it changes into solid. For example, when we put liquid water in the freezer (decrease the temperature), it will turn into ice, which is a solid.

