

# Self Check 4.2 results for Melvin Macaulay

❗ Correct answers are hidden.

Score for this attempt: 4 out of 5 \*

Submitted 1 Apr 2019 at 10:46

This attempt took 2 minutes.

## Question 1

1 / 1 pts

Which main state of matter takes the shape of the container that holds it but not the volume?

☐ gas

☒ liquid

☐ solid

Feedback: Gases take both the shape and the volume of the container. Solids will always maintain their own shape and volume. The question asked for the state of matter that takes the shape but not the volume.

## Question 2

Not yet graded / 1 pts

Describe sublimation.

Your answer:

sublimation is the process of changing from solid to gas without becoming liquid.

Answer: Sublimation is the process of changing from solid to gas without becoming liquid.

### Question 3

1 / 1 pts

What are the three main states of matter? Select all that apply

☒ Solid☒ Liquid☐ Sublimate☒ Gas☐ Precipitate

Answer: solid, liquid, gas

### Question 4

1 / 1 pts

Which main state of matter is characterized by the most tightly held particles?

☐ liquid☐ gas

☒ solid

### Question 5

1 / 1 pts

Name the process of changing from liquid to gas very quickly.

☐ evaporation

☐ sublimation

☒ vaporization

☐ condensation

Feedback: Evaporation is the process of changing from liquid to gas, but it is done slowly rather than very quickly. Condensation is the process of changing from gas to liquid. The question asked for the name of the process of changing from liquid to gas. Sublimation is the process of changing from solid to gas. The question asked for the name of the process of changing from liquid to gas.

Quiz score: **4** out of 5