

## True or false?

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**This task is about particle nature of matter: solid, liquid, and gas.**

Using what you know about solids, liquids and gases answer the following questions:

"All solids can be broken with a hammer." *True / False*

Give reason(s) for your answer:

"A gas takes the shape of the container it is in." *True / False*

Give reason(s) for your answer:

"20 g wax takes up less space when it is a solid block than when it is melted. This is because there are fewer particles in the solid." *True / False*

Give reason(s) for your answer:

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