

States of Matter



# matter

any substance (solid, liquid, or gas) that takes up space

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# gas

matter that spreads to fill the space it is in

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# flow

To go from one place to another

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# liquid

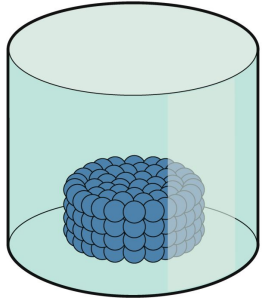
Matter that flows and takes the shape of the container it is



# pour

To flow from a container

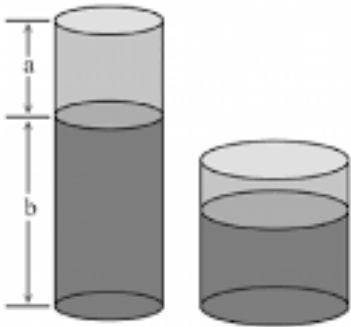
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# solid

matter that holds its own  
shape

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# shape

definition

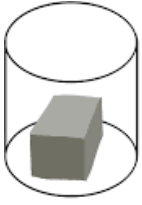
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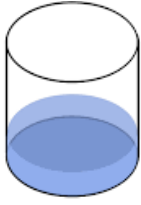
# container

definition

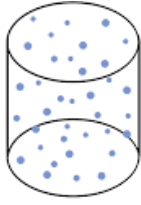
No space    less space    lots of space



**SOLID**  
Holds shape  
Fixed volume



**LIQUID**  
Shape of container  
Free surface  
Fixed volume



**GAS**  
Shape of container  
Volume of container

# space

Amount of area that is  
empty

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