

## How To Use State Symbols

1. What is the state symbol for a solid?

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2. What is the state symbol for a liquid?

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3. What is the state symbol for a gas?

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4. What is the state symbol for an aqueous solution?

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5. Which state symbol should be used for elements on the left of the period table?

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6. Use the periodic table to figure out which state symbol should be used for the following substances at room temperature:

Substance	State symbol	Substance	State symbol
a) H <sub>2</sub> O		g) CH <sub>4</sub>	
b) Mg		h) MgO	
c) NaCl dissolved in water		i) O <sub>2</sub>	
d) H <sub>2</sub>		g) LiOH dissolved in water	
e) CO <sub>2</sub>		k) Cl <sub>2</sub>	
f) Cu		l) I <sub>2</sub>	