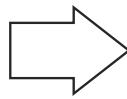


# States of Matter: Ice, Water, and Steam **Answer Key**

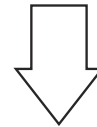
below 100°C	evaporates	condenses	freezes	
heat	cool	melts	0°C	100°C
	0°C	cool	heat	

Using the words above complete the sentences below.

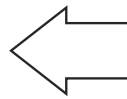
If you heat water to a temperature of 100°C, it evaporates to form water vapor.



If you cool water vapor to a temperature of below 100°C, it condenses to form water.



If you heat ice to a temperature of 0°C, it melts to form water.



If you cool water to a temperature of 0°C, it freezes to form ice.



# States of Matter: Ice, Water, and Steam

below 100°C	evaporates	condenses	freezes
heat	melts	0°C	cool
100°C	cool	heat	0°C

Using the words above complete the sentences below.

If you \_\_\_\_\_ water to a temperature of \_\_\_\_\_, it \_\_\_\_\_ to form water vapor.

If you \_\_\_\_\_ water vapor to a temperature of \_\_\_\_\_, it \_\_\_\_\_ to form water.

If you \_\_\_\_\_ ice to a temperature of \_\_\_\_\_, it \_\_\_\_\_ to form water.

If you \_\_\_\_\_ water to a temperature of \_\_\_\_\_, it \_\_\_\_\_ to form ice.

