

Name \_\_\_\_\_ Date \_\_\_\_\_

## ENERGY TRANSFER

Identify the following as conduction, convection, or radiation

\_\_\_\_\_ An ice cube melts when dropped into a glass of warm water.

\_\_\_\_\_ Light leaves the sun and 8 minutes later strikes earth.

\_\_\_\_\_ You burn your tongue eating hot pizza.

\_\_\_\_\_ Heated air rises through earth's atmosphere.

\_\_\_\_\_ A microwave oven heats soup.

\_\_\_\_\_ A fireplace warms a room.

\_\_\_\_\_ Hot magma rises inside earth's mantle, cools, and sinks.

The diagram below represents temperatures in degrees Celsius for a particular room.  
Draw an arrow to show the direction of air movement between A and B.

28  
**A**

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**B**  
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