

Name: \_\_\_\_\_

## Heat Energy

Metals are an example of a **thermal conductor**. Metals feel cold when you touch them because they take heat away from your hand. They **conduct** heat. Wood, a **thermal insulator**, does not feel cold to your touch. They do not take heat away from your hand. They are **poor conductors** of heat.

**Directions:** Look around the classroom or your house. Locate and record items that you think might be thermal conductors and thermal insulators.

**thermal conductors**

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Choose one object and explain why you believe it is a thermal conductor.

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**thermal insulators**

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Choose one object and explain why you believe it is a thermal insulator.

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