

# Thermal Heat Transfer – Definitions & 3 questions

Name \_\_\_\_\_ # \_\_\_\_\_ Period \_\_\_\_\_

Definitions: Use your glossary (*found in the back of your book*) to write the definition for each of the following terms.

TERM	DEFINITION
<b>thermal energy</b>	
<b>temperature</b>	
<b>heat</b>	
<b>radiation</b>	
<b>conduction</b>	
<b>convection</b>	
<b>thermal conductor</b>	

<b>thermal insulator</b>	
<b>specific heat</b>	
<b>thermal contraction</b>	
<b>thermal expansion</b>	
<b>convection</b>	
<b>convection current</b>	

1. What are the three ways that thermal energy is transferred?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

2. What does it mean if a material has a low specific heat?

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3. What happens to the volume most materials when they are heated?

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