

Name: _____ #: _____

Heat Transfer Study Guide

1. Describe how the flow of heat transfers. (From where to where)
2. Give two examples of radiation.
3. Give two examples of conduction.
4. Give two examples of convection.
5. Explain why a hot air balloon rises into the air.
6. What are the characteristics of materials that are good conductors? What are some examples?
7. Why would stainless steel be a good material to use to make pots and pans?
8. What are the characteristics of materials that are good insulators? What are some examples?
9. What 3 ways does matter change when heat is transferred? Give an example for each.