

Name _____

How is Heat Transferred Between Objects?

Multiple Choice Questions

1. Which of the following is NOT a method of heat transfer?
 - a) Conduction
 - b) Convection
 - c) Radiation
 - d) Compression

2. What is conduction, and in which type of materials does it primarily occur?
 - a) The transfer of heat through the movement of liquids and gases
 - b) The transfer of heat through solids, where particles are closely packed
 - c) The transfer of heat through electromagnetic waves
 - d) The transfer of heat through empty space

3. Which method of heat transfer does NOT require a medium (matter) to occur?
 - a) Conduction
 - b) Convection
 - c) Radiation
 - d) Compression

4. What happens when you heat a pot of water on the stove, and the water at the bottom becomes hot?
 - a) Conduction creates a circular motion.
 - b) Convection creates a circular motion.
 - c) Radiation creates a circular motion.
 - d) Compression creates a circular motion.

5. Which of the following is NOT an application of heat transfer?
 - a) Cooking
 - b) Weather forecasting
 - c) Gardening
 - d) Climate control

