

Name _____

How is Heat Transferred Between Objects?

Open-Ended Response Questions

1. Imagine you are a meteorologist. Explain how your knowledge of heat transfer helps you predict weather patterns, using examples from your job.
2. Discuss a scenario where heat transfer plays a significant role in cooking a meal. Describe the method of heat transfer involved and how it affects the cooking process.
3. Heat transfer is fundamental in climate control systems. Explain how it influences the regulation of indoor temperatures in homes and buildings.
4. Conduct an experiment to demonstrate one of the methods of heat transfer (conduction, convection, or radiation). Describe the setup, materials needed, and expected results.

