

Name \_\_\_\_\_

## How do Refrigeration Systems Work to Remove Heat from a Space?

### Open-Ended Response Questions

1. Describe the step-by-step process of heat exchange that occurs in a refrigeration system.
2. Discuss the importance of using environmentally friendly refrigerants in refrigeration systems and their impact on the environment.
3. Imagine a world without refrigeration systems. How would it affect our daily lives and the food industry?
4. Explain how the principles of refrigeration are applied differently in a refrigerator and an air conditioner.

