

Name \_\_\_\_\_

## Cool Science: The Magic of Air Conditioning and Refrigeration

### Short Answer

1. Explain how air conditioning removes heat from the air to make it cooler.
2. Describe the role of a thermostat in a refrigerator and how it helps maintain a constant temperature.
3. Why is it important for a refrigerator to keep a cold temperature inside when storing food?
4. How does refrigeration technology play a role in making ice cream?
5. Share an example of how you benefit from air conditioning or refrigeration in your daily life.

