

Name _____

Weather Wonders: Exploring the Causes of Different Types of Weather

Multiple Choice Questions

1. What is the primary source of energy that drives Earth's weather?
 - a. Wind
 - b. Solar energy
 - c. Ocean currents
 - d. Air pressure

2. Which of the following is associated with high humidity levels?
 - a. Clear skies
 - b. Snowstorms
 - c. Thunderstorms
 - d. Dry conditions

3. What is responsible for the movement of air from areas of high pressure to low pressure?
 - a. Temperature
 - b. Humidity
 - c. Wind
 - d. Ocean currents

4. What weather phenomenon is caused by the collision of warm and cold air masses?
 - a. Hurricanes
 - b. Tornadoes
 - c. Thunderstorms
 - d. Clear skies

5. How can mountains influence local weather patterns?
 - a. By creating high-pressure systems
 - b. By redirecting ocean currents
 - c. By blocking or redirecting air masses
 - d. By increasing solar energy absorption

