

Name \_\_\_\_\_

## The Ever-Changing Weather: Why Does It Change from Day to Day?

### Short Answer

1. How do air masses contribute to changes in weather, and what happens when a warm, moist air mass meets a cold, dry one?
2. Describe the water cycle and its significance in influencing weather patterns.
3. Explain the difference between a warm front and a cold front and the types of weather associated with each.
4. How does the tilt of the Earth's axis lead to seasonal changes in weather patterns?
5. What are some challenges meteorologists face when trying to predict weather, and how do they use technology to overcome these challenges?

