

Name \_\_\_\_\_

## Cloudy with a Chance of Understanding: How Clouds Form and Predict Weather

### Multiple Choice Questions

1. What is the first step in cloud formation?
  - a. Cooling and condensation
  - b. Rising air
  - c. Moisture and air
  - d. Condensed water droplets
  
2. Which cloud type often indicates fair weather when small and puffy but can signal thunderstorms when it grows taller?
  - a. Cumulus clouds
  - b. Stratus clouds
  - c. Cirrus clouds
  - d. Nimbostratus clouds
  
3. What do nimbostratus clouds typically bring with them?
  - a. Fair weather
  - b. Drizzle or light precipitation
  - c. Thunderstorms
  - d. Wispy cloud formations
  
4. What type of clouds are associated with severe weather events such as thunderstorms and tornadoes?
  - a. Cirrus clouds
  - b. Stratus clouds
  - c. Cumulonimbus clouds
  - d. Cumulus clouds
  
5. What happens to air as it rises higher into the atmosphere, leading to cloud formation?
  - a. It warms up and holds more moisture.
  - b. It cools down and holds more moisture.
  - c. It remains the same temperature and humidity.
  - d. It gets colder and releases moisture.

