

Name \_\_\_\_\_

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

### Short Answer

1. Explain the process of cloud formation, including the role of rising air and cooling.
2. Describe the appearance of cirrus clouds and what they often indicate about the weather. How do they differ from cumulonimbus clouds?
3. What are the characteristics of nimbostratus clouds, and what type of weather are they associated with?
4. How can meteorologists use cloud types to help predict the weather, and why is this information valuable?
5. Provide examples of situations where you might observe cumulus clouds in the sky and what they might signal about the weather.

