Weather and climate

Geography • Grade 6 • Student worksheet

Name: _____ Date: _____

1. What is the difference between weather and climate?

2. Which instrument measures air temperature?

3. Which instrument measures rainfall?

4. A day is unusually cold. Does this alone prove that the climate has changed? Explain.

5. Name one way clouds form.

6. Why might coastal areas have smaller temperature swings than inland areas?

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Geography • Grade 6 • Answer key

1. Weather is short-term atmospheric conditions; climate describes long-term patterns.

2. Thermometer

3. Rain gauge

4. No. One day is weather; climate requires long-term evidence.

5. Water vapour cools and condenses into droplets or ice crystals.

6. Water heats and cools more slowly than land.