



Earth's Systems: Water and Weather

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

A thermometer measures wind speed and direction outside the weather station every hour.

Rewrite: _____

2. Fix the sentence:

Rain gauges record air pressure changes that help meteorologists predict weather storms approaching.

Rewrite: _____

3. Fix the sentence: Barometers measure how much rain falls during a storm in inches accurately.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. An _____ measures wind speed using small cups that spin in the breeze.
2. A _____ measures the amount of rain that falls during a storm.
3. A _____ measures air pressure to help predict whether weather will improve.
4. A _____ measures temperature using liquid that expands when heated by air.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why might a meteorologist use a barometer before predicting a storm?

2. Which two instruments would you need to record a thunderstorm completely?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

A thermometer measures wind speed and direction outside the weather station every hour.

Rewrite: **A thermometer measures temperature; an anemometer measures wind speed at a station.**

2. Fix the sentence:

Rain gauges record air pressure changes that help meteorologists predict weather storms approaching.

Rewrite: **Rain gauges record rainfall amounts; barometers record air pressure changes for forecasts.**

3. Fix the sentence: *Barometers measure how much rain falls during a storm in inches accurately.*

Rewrite: **Barometers measure air pressure; rain gauges measure how much rain falls.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. An **anemometer** measures wind speed using small cups that spin in the breeze.
2. A **rain gauge** measures the amount of rain that falls during a storm.
3. A **barometer** measures air pressure to help predict whether weather will improve.
4. A **thermometer** measures temperature using liquid that expands when heated by air.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why might a meteorologist use a barometer before predicting a storm?

A barometer shows falling air pressure, which usually signals that a storm system is moving into the area soon.

2. Which two instruments would you need to record a thunderstorm completely?

You would need a rain gauge to measure rainfall and an anemometer to record wind speed during the
