



# Weather and Climate

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 3

## Part A: Multiple Choice

Circle the best answer for each question.

1. Which climate is best described as cold all year with snow and ice?

- A) Polar
- B) Tropical
- C) Temperate
- D) Desert

2. Which sentence shows the difference between weather and climate?

- A) Today is rainy is weather; this region is rainy all year is climate
- B) Both describe the same long pattern over years
- C) Weather lasts years; climate changes hourly
- D) Climate uses thermometers; weather uses calendars

3. Which set of tools would best help a meteorologist make a daily forecast?

- A) Thermometer, anemometer, barometer
- B) Ruler, scale, microscope
- C) Compass, magnet, telescope
- D) Calculator, calendar, globe

4. Why does the equator stay warm all year long?

- A) It receives the most direct sunlight
- B) It is closest to the moon
- C) It has the highest mountains
- D) It is always covered in clouds

## Part B: Fill in the Blank

Write the correct answer on each line.

1. Regions with very little rain and hot days are called \_\_\_\_\_ climates.
2. Animals like polar bears and penguins live in the \_\_\_\_\_ climate zone.
3. When the air is full of water vapor, scientists say \_\_\_\_\_ is high.
4. Long periods of little or no rain that harm crops are called a \_\_\_\_\_.
5. A scientist who studies weather and predicts forecasts is a \_\_\_\_\_.

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4. Why does the equator stay warm all year long?

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**Part B: Fill in the Blank**

Write the correct answer on each line.

1. Regions with very little rain and hot days are called desert climates.
2. Animals like polar bears and penguins live in the polar climate zone.
3. When the air is full of water vapor, scientists say humidity is high.
4. Long periods of little or no rain that harm crops are called a drought.
5. A scientist who studies weather and predicts forecasts is a meteorologist.