



Latitude and Longitude

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: The Tropic of Cancer sits at 23.5 degrees south of the equator on the globe.

Rewrite: _____

2. Fix the sentence: The Arctic Circle runs around Earth at 66.5 degrees south latitude near the bottom.

Rewrite: _____

3. Fix the sentence:

The Tropic of Capricorn passes through Australia at 23.5 degrees north latitude exactly.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The Antarctic Circle is found at 66.5 degrees _____ latitude, surrounding the South Pole.
- The _____ of Cancer is the northernmost line where the sun appears directly overhead.
- Between the Tropic of Cancer and the Tropic of Capricorn lies the warm _____ zone.
- Polar _____ like the Arctic and Antarctic mark where the sun does not set on solstice days.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why are the Tropic of Cancer and Tropic of Capricorn important latitude lines on Earth?

2. How do the Arctic Circle and Antarctic Circle differ in their location on Earth?

Answer Key · Latitude and Longitude · Grade: Grade 5

Part A: Fix the Sentence

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

1. Fix the sentence: *The Tropic of Cancer sits at 23.5 degrees south of the equator on the globe.*

Rewrite: **The Tropic of Cancer sits at 23.5 degrees north of the equator on the globe.**

2. Fix the sentence: *The Arctic Circle runs around Earth at 66.5 degrees south latitude near the bottom.*

Rewrite: **The Arctic Circle runs around Earth at 66.5 degrees north latitude near the top.**

3. Fix the sentence:

The Tropic of Capricorn passes through Australia at 23.5 degrees north latitude exactly.

Rewrite: **The Tropic of Capricorn passes through Australia at 23.5 degrees south latitude exactly.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The Antarctic Circle is found at 66.5 degrees south latitude, surrounding the South Pole.
2. The Tropic of Cancer is the northernmost line where the sun appears directly overhead.
3. Between the Tropic of Cancer and the Tropic of Capricorn lies the warm tropical zone.
4. Polar circles like the Arctic and Antarctic mark where the sun does not set on solstice days.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why are the Tropic of Cancer and Tropic of Capricorn important latitude lines on Earth?

These tropics mark the farthest points north and south where the sun appears directly overhead at noon during solstices, defining the warm tropical climate zone.

2. How do the Arctic Circle and Antarctic Circle differ in their location on Earth?

The Arctic Circle sits at 66.5 degrees north latitude around the North Pole, while the Antarctic Circle sits at 66.5 degrees south latitude around the South Pole.
