



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 International Date Line follows the meridian at zero degrees longitude across the Pacific.

Rewrite: _____

2. Fix the sentence:

Earth has 12 standard time zones, each spanning 30 degrees of longitude on the globe.

Rewrite: _____

3. Fix the sentence:

When you cross the Date Line traveling west, you subtract one day from the calendar.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The International Date _____ runs near the 180-degree meridian through the Pacific Ocean.
2. Each standard time zone covers 15 degrees of _____ around our spinning planet.
3. The Prime Meridian at 0 degrees longitude passes through _____, England, near London.
4. Crossing the Date Line going east means you go _____ one calendar day on your trip.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why was the International Date Line placed at 180 degrees longitude in the Pacific Ocean?

2. How does longitude help create time zones for navigation and daily life 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 International Date Line follows the meridian at zero degrees longitude across the Pacific.

Rewrite: The International Date Line follows the meridian at 180 degrees longitude across the Pacific.

2. Fix the sentence:

Earth has 12 standard time zones, each spanning 30 degrees of longitude on the globe.

Rewrite: Earth has 24 standard time zones, each spanning 15 degrees of longitude on the globe.

3. Fix the sentence:

When you cross the Date Line traveling west, you subtract one day from the calendar.

Rewrite: When you cross the Date Line traveling west, you add one day to the calendar.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The International Date Line runs near the 180-degree meridian through the Pacific Ocean.
2. Each standard time zone covers 15 degrees of longitude around our spinning planet.
3. The Prime Meridian at 0 degrees longitude passes through Greenwich, England, near London.
4. Crossing the Date Line going east means you go back one calendar day on your trip.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why was the International Date Line placed at 180 degrees longitude in the Pacific Ocean?

It was placed there because 180 degrees is opposite the Prime Meridian and runs mostly through open ocean, avoiding confusion in populated land areas.

2. How does longitude help create time zones for navigation and daily life on Earth?
-