



# Latitude and Longitude

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. If two cities are 5 degrees of latitude apart, approximately how many miles separate them on Earth?

- A) About 145 miles
- B) About 245 miles
- C) About 345 miles
- D) About 445 miles

2. A city at 40 degrees N and another at 30 degrees N are roughly how far apart north to south?

- A) About 490 miles
- B) About 590 miles
- C) About 690 miles
- D) About 790 miles

3. Approximately how many miles equal one degree of latitude anywhere on Earth's surface?

- A) About 49 miles
- B) About 59 miles
- C) About 69 miles
- D) About 79 miles

4. If you travel 207 miles directly north using GPS, about how many degrees of latitude did you cross?

- A) About 1 degree
- B) About 2 degrees
- C) About 3 degrees
- D) About 4 degrees

## Part B: Fill in the Blank

Write the correct answer on each line.

1. One degree of latitude on Earth equals approximately \_\_\_\_\_ miles in any direction north or south.
2. If a ship travels from 20 degrees N to 25 degrees N, it covers about \_\_\_\_\_ miles north.
3. Two cities 4 degrees of latitude apart are approximately \_\_\_\_\_ miles from each other.
4. A pilot flies 138 miles due south, crossing about \_\_\_\_\_ degrees of latitude during the flight.
5. GPS systems use \_\_\_\_\_ and longitude coordinates to pinpoint exact locations on Earth.

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4. If you travel 207 miles directly north using GPS, about how many degrees of latitude did you cross?

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**Part B: Fill in the Blank**

Write the correct answer on each line.

1. One degree of latitude on Earth equals approximately 69 miles in any direction north or south.
2. If a ship travels from 20 degrees N to 25 degrees N, it covers about 345 miles north.
3. Two cities 4 degrees of latitude apart are approximately 276 miles from each other.
4. A pilot flies 138 miles due south, crossing about 2 degrees of latitude during the flight.
5. GPS systems use latitude and longitude coordinates to pinpoint exact locations on Earth.