



# Latitude and Longitude

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. A ship at 20 degrees N, 50 degrees W sails 5 degrees north. What are its new coordinates?

- A) 15 degrees N, 50 degrees W
- B) 25 degrees N, 50 degrees W
- C) 20 degrees N, 45 degrees W
- D) 20 degrees N, 55 degrees W

2. A boat at 10 degrees S, 30 degrees E moves 4 degrees south. Where is the boat now located?

- A) 6 degrees S, 30 degrees E
- B) 14 degrees S, 30 degrees E
- C) 10 degrees S, 26 degrees E
- D) 10 degrees S, 34 degrees E

3. A ship at 40 degrees N, 70 degrees W travels 10 degrees east using GPS navigation. New position?

- A) 40 degrees N, 80 degrees W
- B) 40 degrees N, 60 degrees W
- C) 50 degrees N, 70 degrees W
- D) 30 degrees N, 70 degrees W

4. A vessel at 5 degrees S, 100 degrees E moves 8 degrees west across open ocean waters.

- A) 5 degrees S, 92 degrees E
- B) 5 degrees S, 108 degrees E
- C) 13 degrees S, 100 degrees E
- D) 5 degrees N, 100 degrees E

## Part B: Fill in the Blank

Write the correct answer on each line.

1. A ship at 30 degrees N moves 7 degrees north, ending at \_\_\_\_\_ degrees N latitude on the chart.
2. Sailing east from 60 degrees W by 15 degrees brings a ship to \_\_\_\_\_ degrees W longitude.
3. A boat at 25 degrees S moves 8 degrees south to reach \_\_\_\_\_ degrees S latitude position.
4. From 80 degrees E, a ship sails 12 degrees west and arrives at \_\_\_\_\_ degrees E longitude.
5. Sailors and pilots use \_\_\_\_\_ technology with satellites to track precise coordinate positions.

**Part A: Multiple Choice**

*Circle the best answer for each question.*

1. A ship at 20 degrees N, 50 degrees W sails 5 degrees north. What are its new coordinates?

- A) 15 degrees N, 50 degrees W
- B) 25 degrees N, 50 degrees W**
- C) 20 degrees N, 45 degrees W
- D) 20 degrees N, 55 degrees W

2. A boat at 10 degrees S, 30 degrees E moves 4 degrees south. Where is the boat now located?

- A) 6 degrees S, 30 degrees E
- B) 14 degrees S, 30 degrees E**
- C) 10 degrees S, 26 degrees E
- D) 10 degrees S, 34 degrees E

3. A ship at 40 degrees N, 70 degrees W travels 10 degrees east using GPS navigation. New position?

- A) 40 degrees N, 80 degrees W
- B) 40 degrees N, 60 degrees W**
- C) 50 degrees N, 70 degrees W
- D) 30 degrees N, 70 degrees W

4. A vessel at 5 degrees S, 100 degrees E moves 8 degrees west across open ocean waters.

- A) 5 degrees S, 92 degrees E**
- B) 5 degrees S, 108 degrees E
- C) 13 degrees S, 100 degrees E
- D) 5 degrees N, 100 degrees E

**Part B: Fill in the Blank**

*Write the correct answer on each line.*

1. A ship at 30 degrees N moves 7 degrees north, ending at 37 degrees N latitude on the chart.
2. Sailing east from 60 degrees W by 15 degrees brings a ship to 45 degrees W longitude.
3. A boat at 25 degrees S moves 8 degrees south to reach 33 degrees S latitude position.
4. From 80 degrees E, a ship sails 12 degrees west and arrives at 68 degrees E longitude.
5. Sailors and pilots use GPS technology with satellites to track precise coordinate positions.