

## Trotting the Globe

### Answer Key

1. The distance between the plane and the point on the ground is 35,000 feet.
2. The average speed of the journey is 66.67 miles per hour (rounded to two decimal places).
3. The angle between the two cars is approximately 33.75 degrees (rounded to two decimal places).
4. The train's average speed is 60 miles per hour.
5. The ship has traveled approximately 2.12 miles along the shoreline (rounded to two decimal places).
6. The horizontal distance covered is approximately 2000 feet (rounded to the nearest 10 feet).
7. They will travel 100 miles west.
8. The plane is 400 miles away from City A when halfway to City B.
9. The length of the trail is approximately 3726.03 feet (rounded to two decimal places).
10. The central angle is 108 degrees.