

Grid Gap Answer Key

1. 6 units, horizontal
2. 6 units, vertical
3. 5 units, horizontal
4. 7 units, vertical
5. 9 units, horizontal
6. 9 units, vertical
7. 9 units, horizontal
8. 9 units, vertical

Teacher's Guide

- Quick implementation: Remind students that points with the same y-coordinate have a horizontal distance, while points with the same x-coordinate have a vertical distance.
- Quick implementation: Explain that distance is always positive.
- Differentiation: Have students circle the coordinate that stays the same, then find the difference between the other two coordinates.
- Differentiation: Let students use a number line to find distances that cross zero.
- Engagement: Challenge students to identify whether each pair is horizontal or vertical before calculating any distances.
- Extension: Have students plot two of the pairs on a coordinate plane and verify their answers by counting units.
- Extension: Ask students to create one horizontal pair and one vertical pair that are exactly 10 units apart.