

Name _____

Date _____

Understand The Coordinate Plane And Plot Points

G6

The coordinate plane helps us locate points using two numbers, called coordinates. By plotting points, we can visualize positions, solve problems, and understand relationships between numbers in math and real-world situations.

Q1 What is the x-coordinate of the point located 2 units to the left of the origin?

A. 2

B. -2

C. 0

D. 1

Q2 Where is the origin located on the coordinate plane?

A. At (0, 0)

B. At (1, 1)

C. At (0, 1)

D. D. At (1, 0)

Q3 Plot the point (5, -3) on the coordinate plane. Which quadrant does it lie in?

A. Quadrant I

B. Quadrant II

C. Quadrant III

D. Quadrant IV

Q4 A triangle has vertices at (1, 2), (4, 2), and (4, 5). What is the length of the base of the triangle?

A. 3 units

B. 4 units

C. 5 units

D. 6 units

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Understand The Coordinate Plane And Plot Points - Answer Key**Q1****B****Q2****A****Q3****D****Q4****A**