

Name _____

Date _____

Draw Polygons And Find Distances Between Points In The Coordinate Plane

G6

Drawing polygons and finding distances in the coordinate plane helps understand shapes and spaces. It teaches how to use coordinates to measure lengths, explore geometry, and solve real-world problems involving maps, designs, and locations.

Q1 Find the distance between the points $(2, 3)$ and $(2, 8)$ on the coordinate plane.

A. 3 units

B. 5 units

C. 6 units

D. 7 units

Q2 Which of these is a square on the coordinate plane if its vertices are at $(0, 0)$, $(0, 2)$, $(2, 0)$, and $(2, 2)$?

A. Yes

B. No

C. Ambiguous

D. Cannot determine

Q3 What is the distance between the points $(1, 1)$ and $(4, 1)$ on the coordinate plane?

A. 3 units

B. 5 units

C. 6 units

D. 7 units

Q4 A triangle has vertices at $(1, 1)$, $(1, 4)$, and $(4, 1)$. What is its area?

A. 6 square units

B. 9 square units

C. 12 square units

D. 15 square units

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**Draw Polygons And Find Distances Between
Points In The Coordinate Plane - Answer Key****Q1****B****Q2****A****Q3****A****Q4****A**