

Name _____

Date _____

Reflect Points In The Coordinate Plane

G6

Reflecting points in the coordinate plane means flipping points across a line, like the x-axis or y-axis. It helps understand symmetry, transformations, and spatial relationships in geometry, making it easier to analyze and solve problems.

Q1 Reflect the point $(3, 2)$ over the x-axis. What is the new coordinate of the point?

A. $(3, -2)$ B. $(-3, 2)$ C. $(-3, -2)$ D. $(3, 2)$

Q2 Reflect the point $(-4, 5)$ over the y-axis. What is the new coordinate of the point?

A. $(4, 5)$ B. $(-4, -5)$ C. $(-4, 5)$ D. $(4, -5)$

Q3 Reflect the point $(0, -7)$ over the x-axis. What is the new coordinate of the point?

A. $(0, -7)$ B. $(0, 7)$ C. $(-7, 0)$ D. $(7, 0)$

Q4 Reflect the point $(-8, -2)$ over the line $y = 0$. What is the new coordinate of the point?

A. $(-8, 2)$ B. $(8, -2)$ C. $(-8, -2)$ D. $(-8, 0)$

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Reflect Points In The Coordinate Plane - Answer Key**Q1****A****Q2****A****Q3****B****Q4****A**