

Guided Practice

10.2

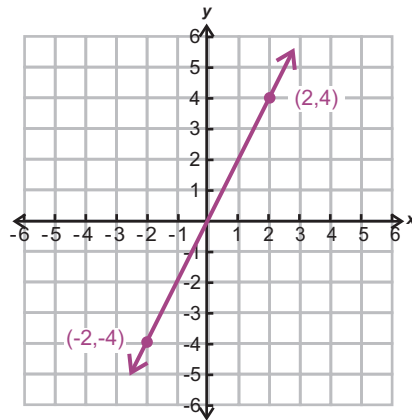
NAME _____

Module 10 Coordinate Geometry and Spatial Visualization
Lesson 2 Classifying Geometric Figures Using Points

Set 1

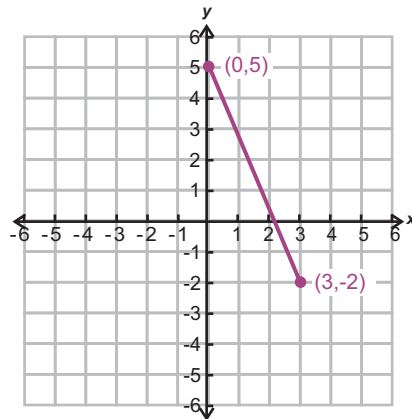
1

Graph the line that passes through $(2, 4)$ and $(-2, -4)$.



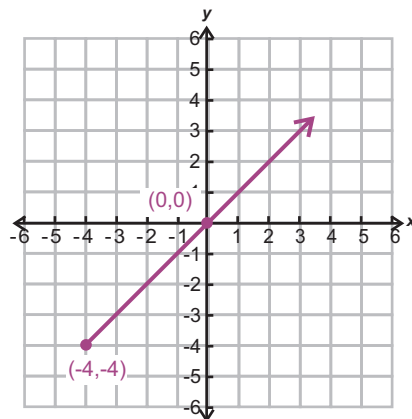
2

Graph the line segment that has endpoints $(3, -2)$ and $(0, 5)$.



3

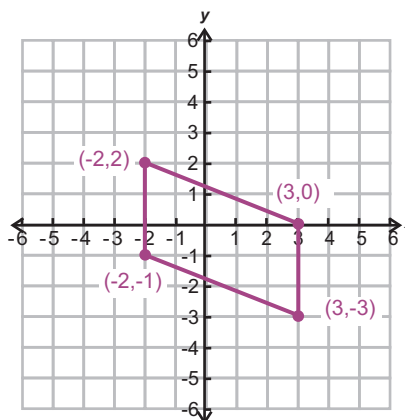
Graph the ray with endpoint $(-4, -4)$ and that passes through the origin.



Set 2

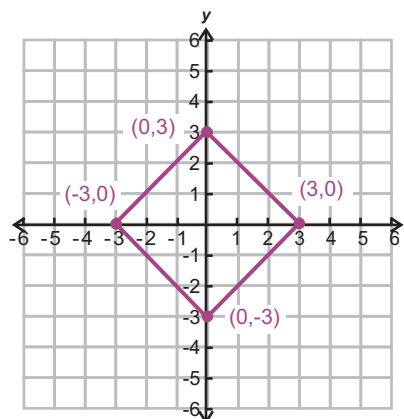
- 1 Graph and classify the polygon with vertices $(-2, -1)$, $(-2, 2)$, $(3, 0)$, and $(3, -3)$.

**Quadrilateral
Parallelogram**



- 2 Graph and classify the quadrilateral with consecutive vertices at $(-3, 0)$, $(0, 3)$, $(3, 0)$, and $(0, -3)$. Give all the classifications that apply.

**Parallelogram
Rhombus
Rectangle
Square**



- 3 Classify the triangle with vertices at $(-3, 0)$, $(5, 0)$ and $(1, 2)$ by the lengths of its sides and by its angles.

Obtuse Isosceles

