

14.2 POLYGONS IN THE COORDINATE PLANE

Learning Target: I will solve problems by drawing polygons in the coordinate plane.

- A **polygon** is a closed plane figure formed by three or more line segments that meet only at their endpoints.

- A **vertex** is the point where two sides of a polygon meet. The vertices can be represented as ordered pairs.

Finding Perimeter in the Coordinate Plane

- You can use what you know about finding lengths in the coordinate plane to find the perimeter of a polygon.

Finding Area in the Coordinate Plane

- You can use familiar area formulas to find areas of polygons in the coordinate plane.