

# Identifying and Defining Polygons

**Follow the directions.**

1 Place point *A* at (1,4).

Place point *B* at (3,6).

Place point *C* at (5,6).

Place point *D* at (5,4).

Place point *E* at (3,2).

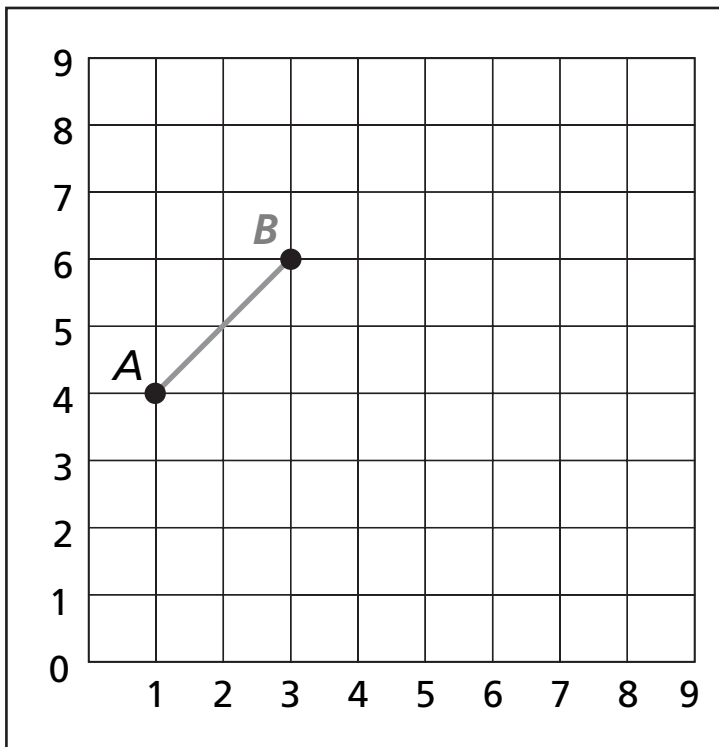
Place point *F* at (1,2).

Draw  $\overline{AB}$ .

Draw  $\overline{BC}$ .

Draw  $\overline{CD}$ .

Draw  $\overline{AD}$ .



**$A \rightarrow B \rightarrow C \rightarrow D \rightarrow A$  is the instruction for drawing a trapezoid with corners at 4 of the points you plotted. Use the points you plotted to give the instructions for drawing:**

2 a different trapezoid \_\_\_\_\_

3 a square \_\_\_\_\_

4 a pentagon \_\_\_\_\_

5 a hexagon \_\_\_\_\_

6 What other polygon can you make using the points on the grid?

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