

Shapes on Coordinate Grids

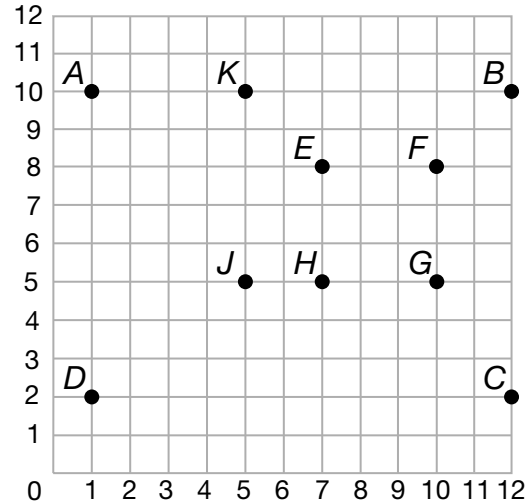
For 1 through 6, use the coordinate grid to find the length of each segment.

1. \overline{AK}

2. \overline{EF}

3. \overline{EH}

4. \overline{JK}



5. The segment from (5, 5) to (12, 5) _____

6. The segment from (7, 5) to (12, 5) _____

7. If you connect the line segments, what is the shape of KGJ ? _____

8. If you connect the line segments, what is the shape of $ABCD$? _____

9. Which 2 line segments in $ABCD$ have a length equal to 8? _____

10. Daryl is making a shape with the ordered pairs (1, 2), (6, 2), (12, 2), and (6, 12). What kind of shape is he making?

- A** triangle **B** rectangle **C** pentagon **D** octagon

11. **Writing to Explain** Stacey drew a triangle on a coordinate plane. She wrote down the ordered pair for each vertex. How many ordered pairs did she write down?
