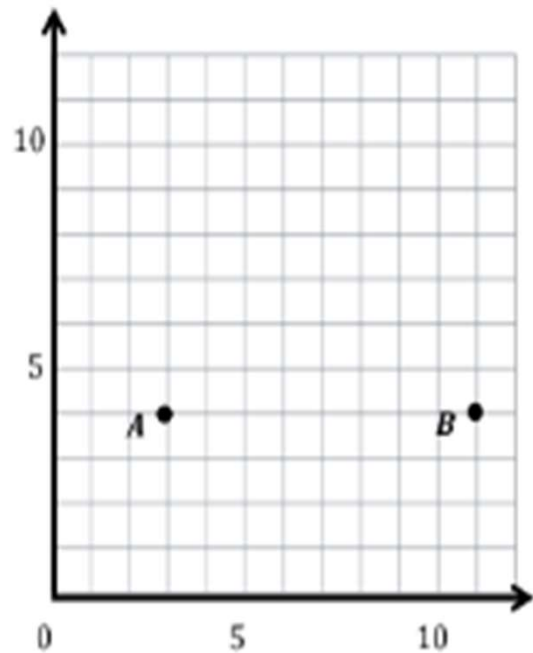# Coordinate Geometry Worksheets

1. Use the coordinate plane to the right to answer the following questions.

   a. Use a straightedge to construct a line that goes through points A and B. Label the line e.

   b. Line e is parallel to the _____ -axis and is perpendicular to the _____ -axis.

   c. Plot two more points on line e. Name them C and D.

   d. Give the coordinates of each point below.

   A: _____   B: _____

   C: _____   D: _____

   e. What do all of the points of line e have in common?

   f. Give the coordinates of another point that would fall on line e with an x-coordinate greater than 15.

Coordinate Geometry Worksheets

1. Use the coordinate plane to the right to answer the following questions.

   a. Use a straight edge to construct a line that goes through points *A* and *B*. Label the line *e*.

   b. Line *e* is parallel to the __X__ -axis and is perpendicular to the __Y__ -axis.

   c. Plot two more points on line *e*. Name them *C* and *D*.

   d. Give the coordinates of each point below.

   A: (3, 4)   B: (11, 4)

   C: (5, 4)   D: (9, 4)

   e. What do all of the points of line *e* have in common?

   They all have a y-coordinate of 4.

   f. Give the coordinates of another point that would fall on line *e* with an x-coordinate greater than 15.

   (16, 4)