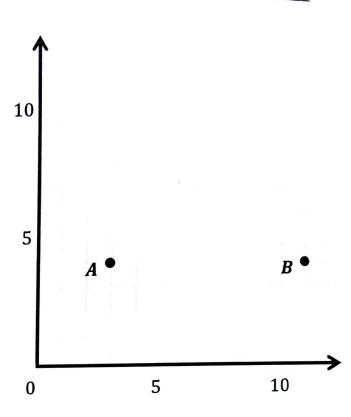Name _____   Date _____

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.