Coordinate Geometry Worksheets

1. Plot the following points, and label them on the coordinate plane.

A: $(0.3, 0.1)$ B: $(0.3, 0.7)$

C: $(0.2, 0.9)$ D: $(0.4, 0.9)$

a. Use a straightedge to construct line segments $\overline{AB}$ and $\overline{CD}$.

b. Line segment _____ is parallel to the x-axis and is perpendicular to the y-axis.

c. Line segment _____ is parallel to the y-axis and is perpendicular to the x-axis.

d. Plot a point on line segment $\overline{AB}$ that is not at the endpoints, and name it U. Write the coordinates. U (_____ , _____)

e. Plot a point on line segment $\overline{CD}$, and name it V. Write the coordinates. V (_____ , _____)

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1. Plot the following points and label them on the coordinate plane.

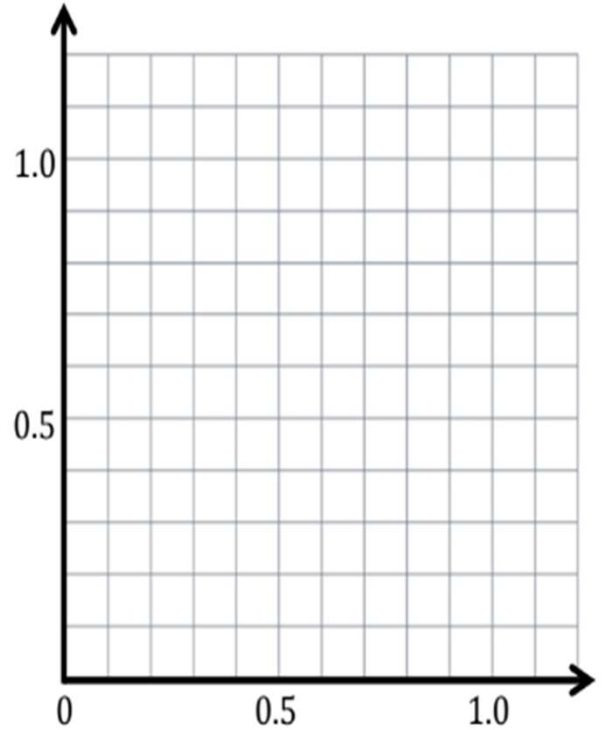   A: (0.3, 0.1)   B: (0.3, 0.7)

    C: (0.2, 0.9)   D: (0.4, 0.9)

    a. Use a straight edge to construct line segments $\overline{AB}$ and $\overline{CD}$.

    b. Line segment __$\overline{CD}$__ is parallel to the x-axis and is perpendicular to the y-axis.

    c. Line segment __$\overline{AB}$__ is parallel to the y-axis and is perpendicular to the x-axis.

    d. Plot a point on line segment $\overline{AB}$, not at the endpoints and name it U.
        Write the coordinates. U (__0.3__ , __0.5__)

    e. Plot a point on line segment $\overline{CD}$ and name it V. Write the coordinates. V (__0.3__ , __0.9__)