

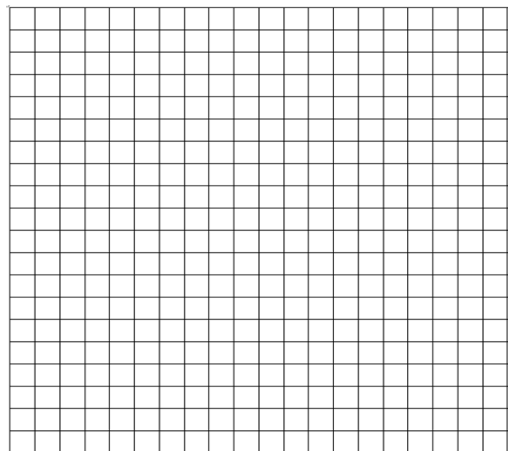
Lesson Summary

- The axes of the coordinate plane must be drawn using a straight edge and labeled x (horizontal axis) and y (vertical axis).
- Before assigning a scale to the axes it is important to assess the range of values found in a set of points, as well as the number of grid lines available. This will allow you to determine an appropriate scale so all points can be represented on the coordinate plane that you construct.

Problem Set

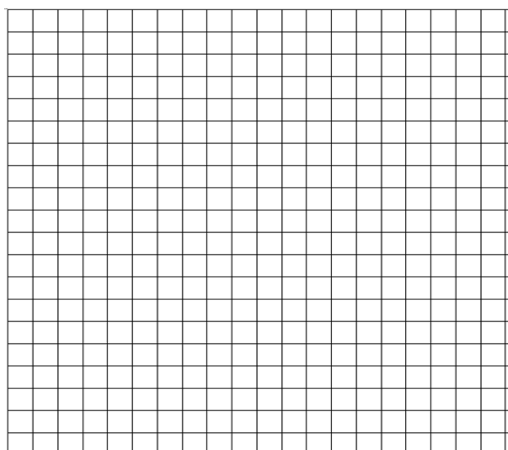
1. Label the coordinate plane, and then locate and label the set of points below.

$$\left\{ \begin{array}{l} (0.3, 0.9), (-0.1, 0.7), (-0.5, -0.1), \\ (-0.9, 0.3), (0, -0.4) \end{array} \right\}$$



2. Label the coordinate plane, and then locate and label the set of points below.

$$\left\{ \begin{array}{l} (90, 9), (-110, -11), (40, 4), \\ (-60, -6), (-80, -8) \end{array} \right\}$$



Extension:

3. Describe the pattern you see in the coordinates in question 2 and the pattern you see in the points. Are these patterns consistent for other points too?