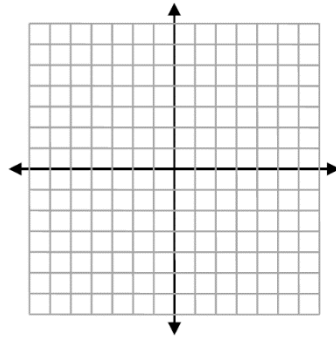
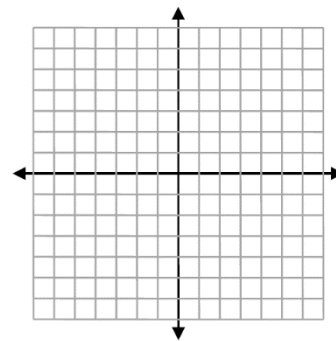


1. For each of the following pairs of points, plot them in the space provided and then determine the slope of the line segment.

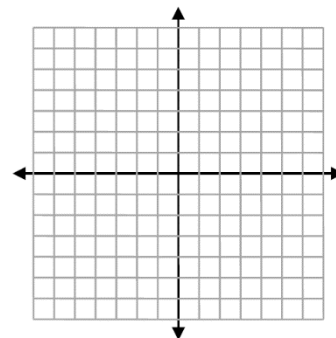
a.  $(0, 2)$  and  $(4, 3)$



b.  $(-3, 7)$  and  $(6, -1)$



c.  $(5, -11)$  and  $(5, 4)$



2. Find the gradient of the line segment joining each pair of points.

a.  $(4, -7)$  and  $(-3, 11)$

b.  $(-6, 3)$  and  $(-8, 0)$

3. A line segment has a gradient of 5. If one end point is at  $(3, -8)$  and the other is at  $(x, 10)$ , what is the value of  $x$ ?