

## Geometry: 13.2 Notes

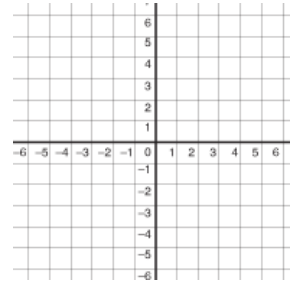
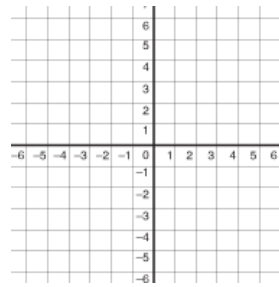
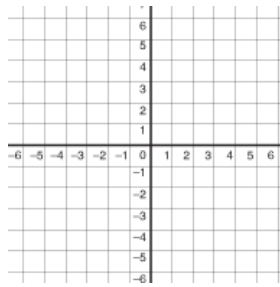
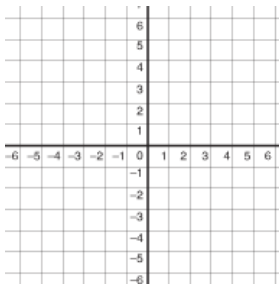
Graph the following lines:

a.  $y = x - 2$

b.  $2y + 4x = 14$

c.  $6y - 3x = 9$

d.  $x = -2$  and  
 $y = -2$



Write the equation of the line that meets the following conditions:

a. A line that passes through the points  $(6, -8)$  and  $(-4, 3)$ .

b. A line that passes through the point  $(-2, 6)$  and is parallel to the line  $5x - 4y = 20$ .

c. A line that passes through the point  $(-2, 6)$  and is perpendicular to the line  $5x - 4y = 20$ .

d. A line that is the perpendicular bisector of the points  $(6, -8)$  and  $(-4, 3)$ .