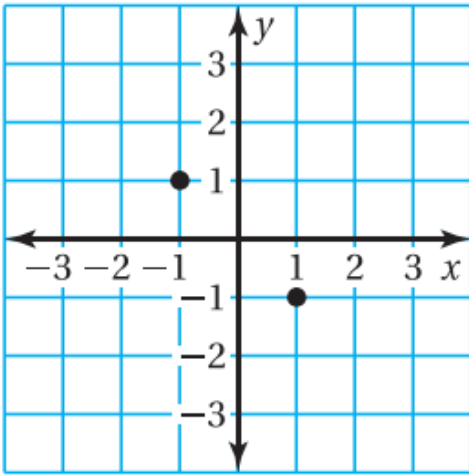


Writing Equations: **TWO POINTS**

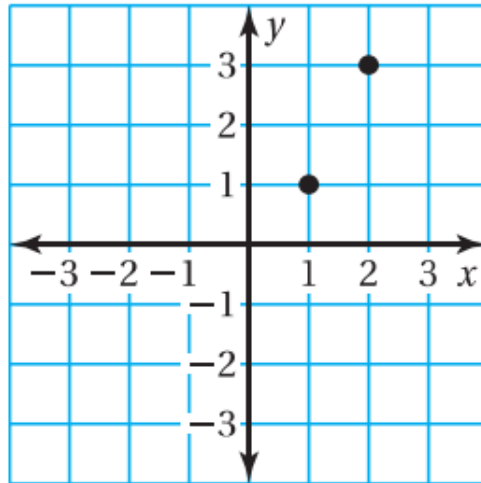
Name: _____

Write an equation of the line that passes through the given points.

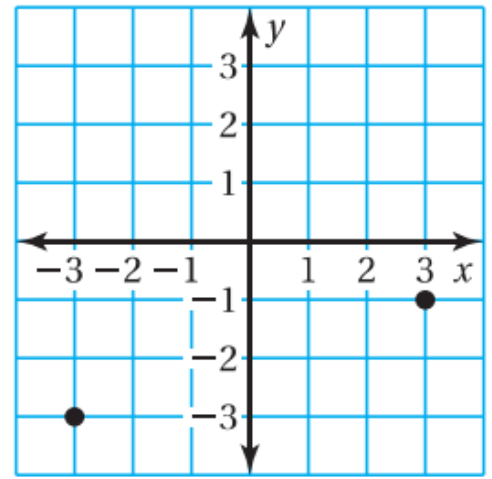
1. _____



2. _____



3. _____



4. _____

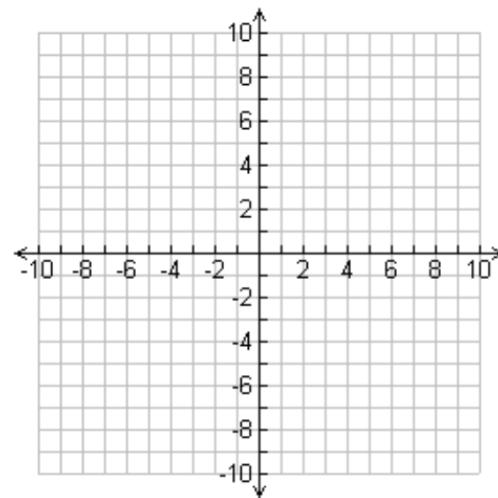
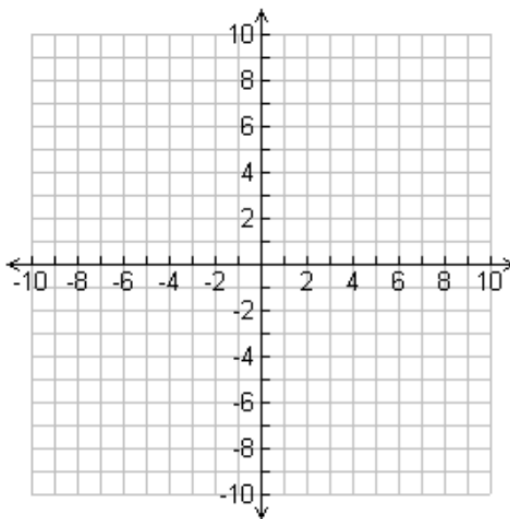
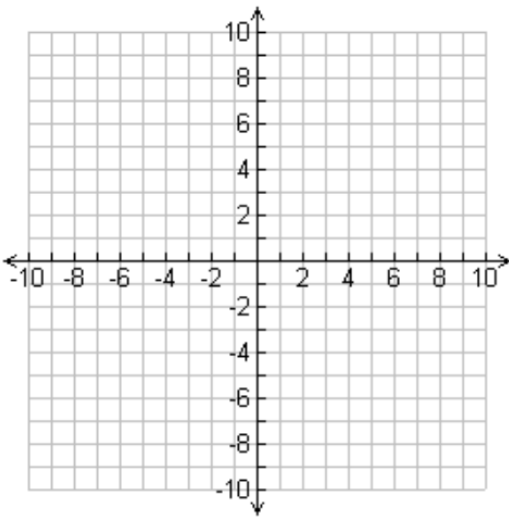
$(-1, -1)$ & $(1, 5)$

5. _____

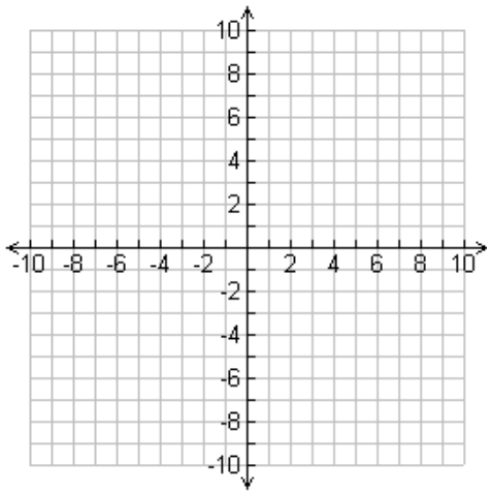
$(2, 2)$ & $(3, 4)$

6. _____

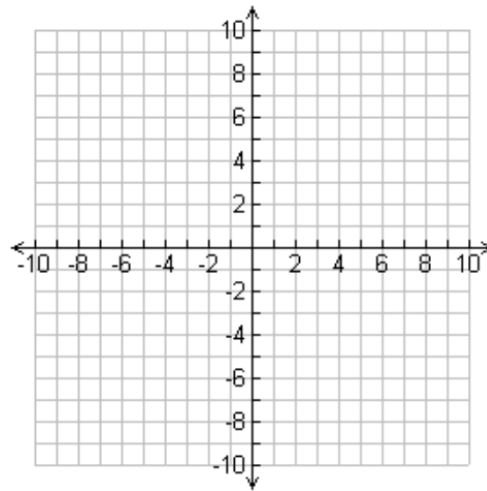
$(-2, 3)$ & $(2, 7)$



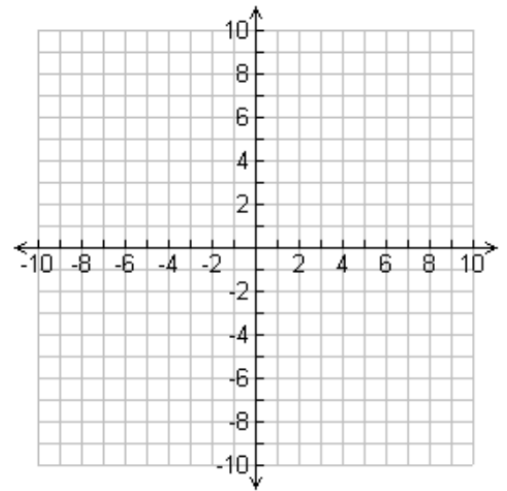
7. _____

 $(4, -1)$ & $(8, 0)$ 

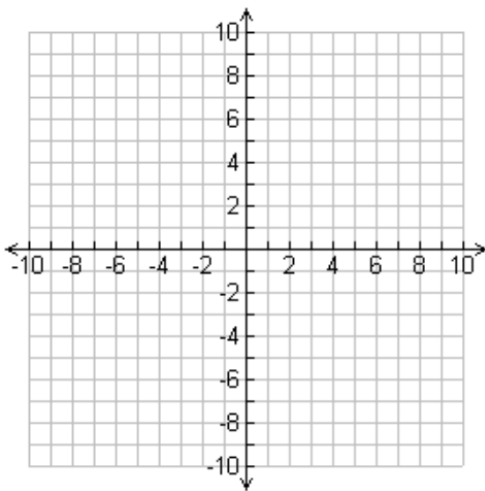
8. _____

 $(-9, 5)$ & $(-3, 3)$ 

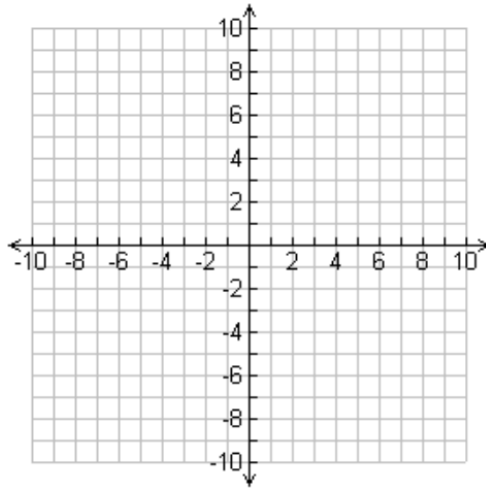
9. _____

 $(1, 2)$ & $(-2, -1)$ 

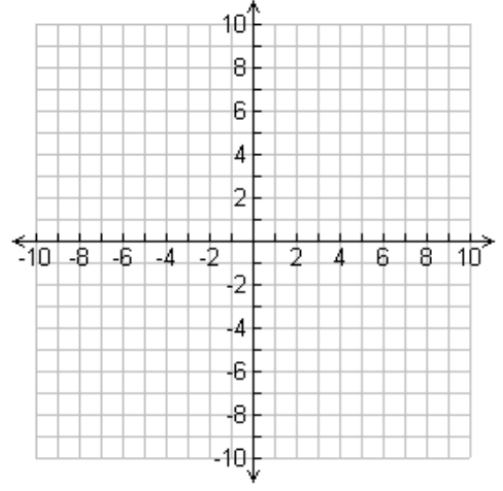
10. _____

 $(-5, 3)$ & $(5, -1)$ 

11. _____

 $(2, -7)$ & $(8, 2)$ 

12. _____

 $(1, -2)$ & $(3, -8)$ 

13. Describe & correct the error in writing the equation of the line that passes through $(-1, -6)$ & $(3, 2)$.



$$\text{slope} = \frac{\text{rise}}{\text{run}} = \frac{8}{4} = 2$$

The y-intercept is $(0, -4)$.

$$\text{The equation is } y = -4x + 2.$$

