

NAME: _____

PER: _____

PRACTICE: PARALLEL LINES

PART I: Find the slope of the parallel line given the following information.

1. $9x - 3y = 6$

2. $2x - 4y = -8$

3. $(2,0)$ & $(4,8)$

4. $y = -x + 9$

5. $2x + 10y = 14$

6. $(-1,-1)$ & $(-8,-10)$

PART II: Write the equation of the line given a point on the line and the slope of the parallel line.

7. $(3,2)$, $y = 3x + 2$

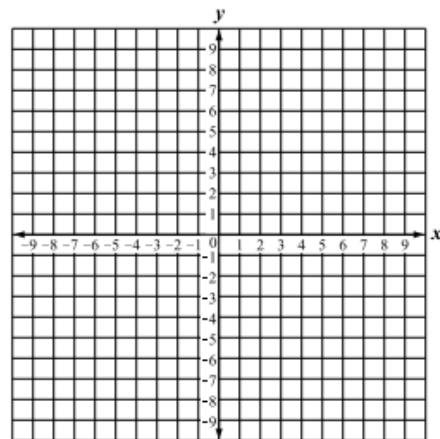
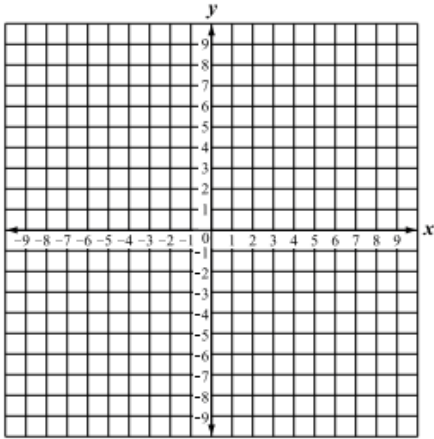
8. $(-1,1)$, $y = x - 4$

9. $(-4,2)$, $y = x + 3$

10. $(-3,-2)$, $y = 3x - 2$

PART III: Write and graph the equation of the parallel line given the following information.

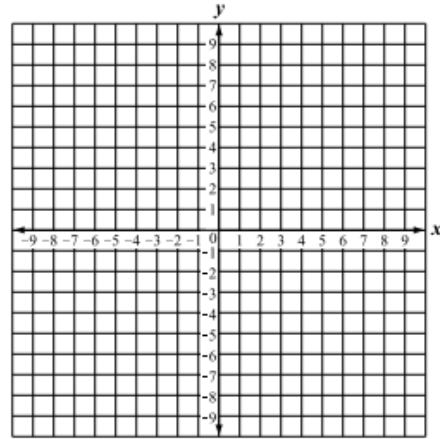
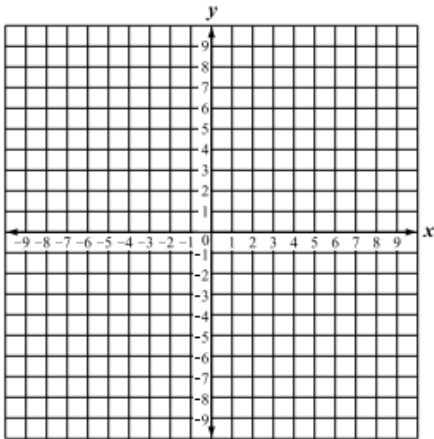
11.



$(2,3), y = 2x - 1$

12. $(0,4), x + y = -3$

13.



$(0,5), x - 2y = -6$

14. $(0,0), x + y = -3$