

Algebra 2 – U3.1 Worksheet

Name: _____ Hour: _____

State the slope and y-intercept of the following linear equations. Convert the equations to slope-intercept form if necessary. Graph the lines on the coordinate planes on the back of the sheet.

1. $y = -\frac{1}{3}x + 5$

Slope: _____ | Y-intercept: _____

2. $y = 2x - 7$

Slope: _____ | Y-intercept: _____

3. $-4x + 1 = y$

Slope: _____ | Y-intercept: _____

4. $3x + 2y = 6$

Slope: _____ | Y-intercept: _____

5. $4x - 3y = 15$

Slope: _____ | Y-intercept: _____

6. $5y + 10x = 30$

Slope: _____ | Y-intercept: _____

7. $8 = 7x - 2y$

Slope: _____ | Y-intercept: _____

8. $9 = 3y + 9x$

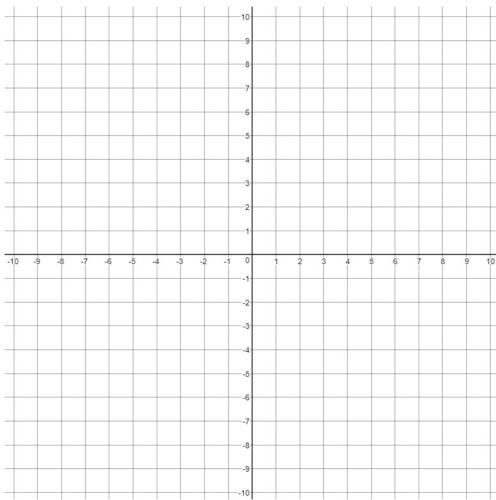
Slope: _____ | Y-intercept: _____

9. $12 = 5x - 4y$

Slope: _____ | Y-intercept: _____

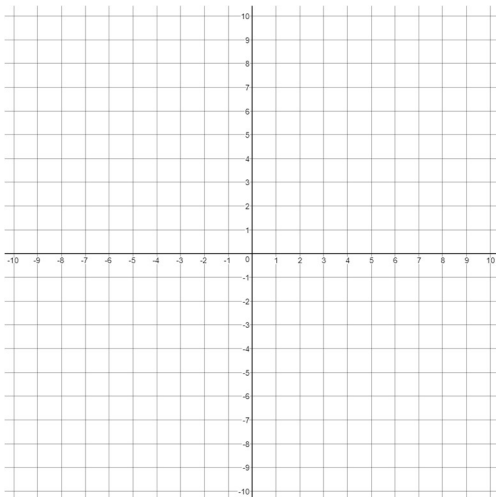
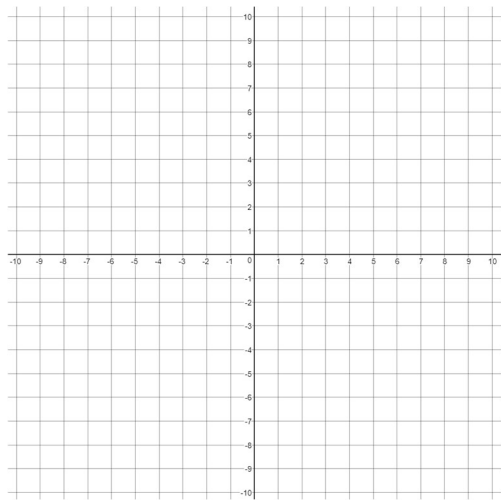
10. $2x - 7y = 28$

Slope: _____ | Y-intercept: _____



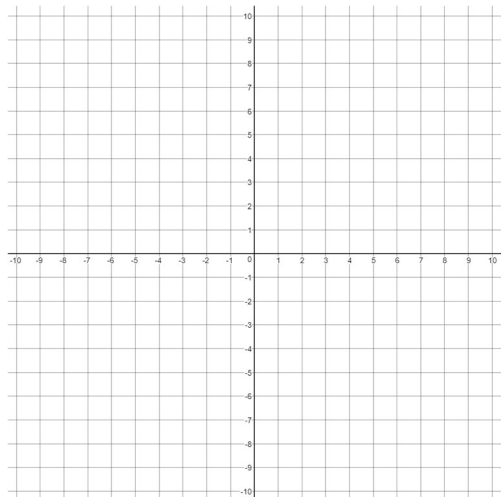
<- #1

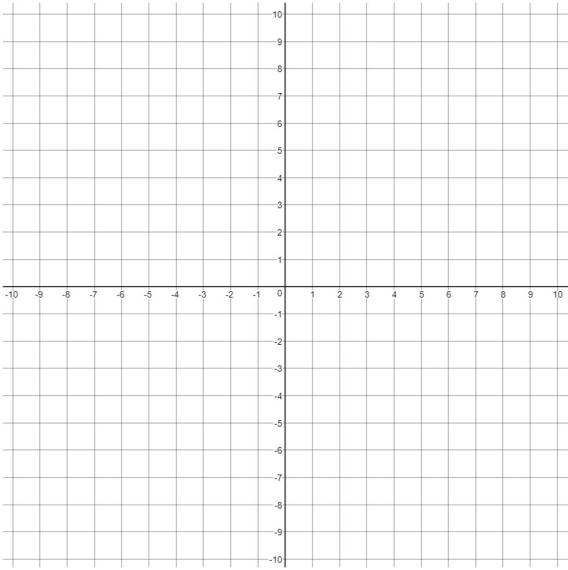
#2 ->



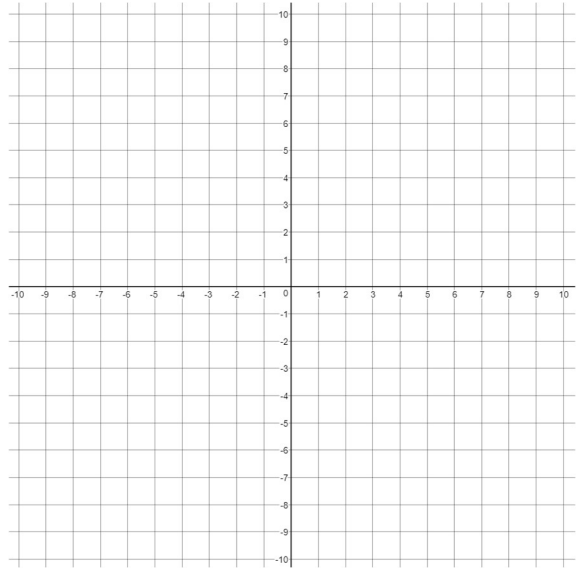
<- #3

#4 ->

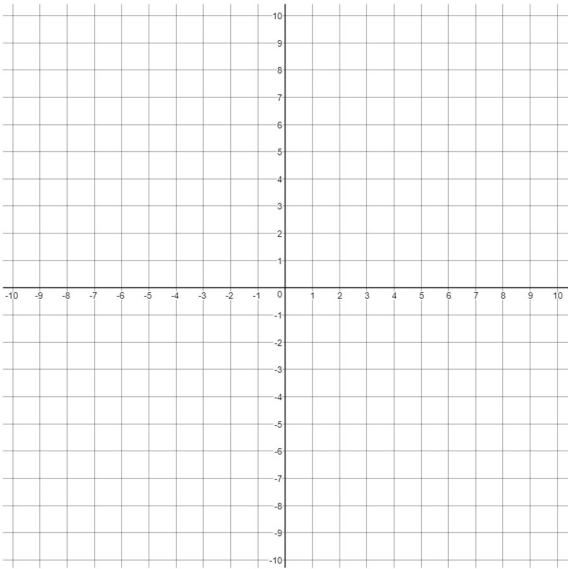




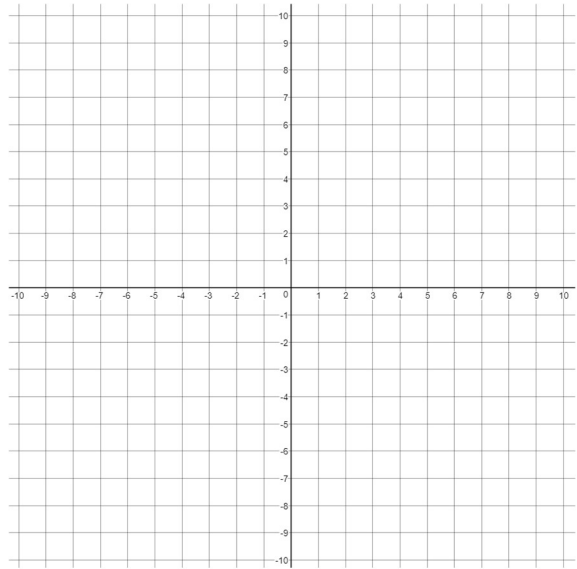
<- #5



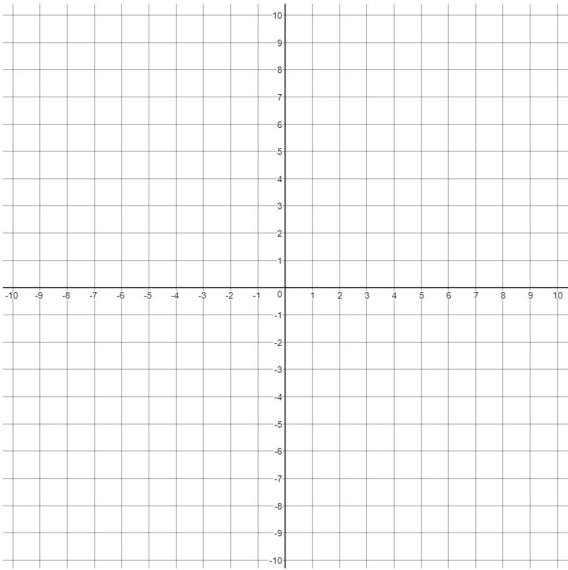
#6 ->



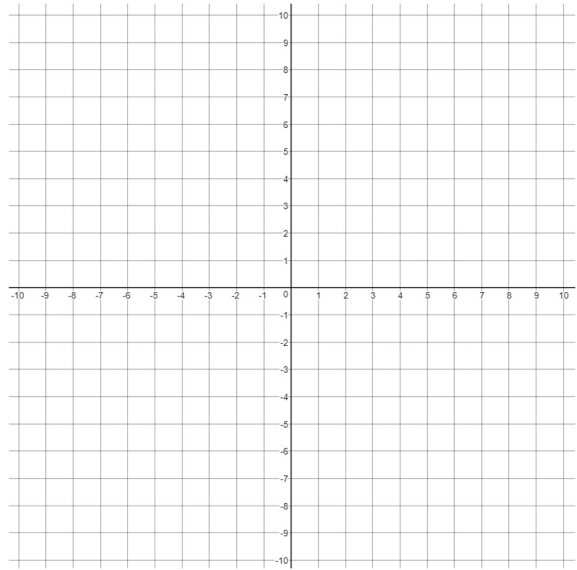
<- #7



#8 ->



<- #9



#10 ->