Name: Date: Period:

On the **same set of axes**, graph **both** equations and find their point of intersection.

Equation #1	m	b	Equation #2	m	b	Point of Intersection
1. y = -3x + 3			y = 2x - 7			
2. y = -2x + 4			y = 6x + 4			
3. y = x + 5			y = -x + 3			
4. y = 3x - 3			y = 2x			
5. y = -x + 1			y = $\frac{-1x}{3}$ + 3			
6. y = -2x + 8			y = x + 2			
7. y = x - 2			y = $\frac{1x}{2}$ – 2			
8. y = -2x + 4			y = 6x + 4			
9. 2x + y = 5			x – 2y =10			
10. y = -x + 2			3y – 2x = -9			

Solving Systems of Equations 1