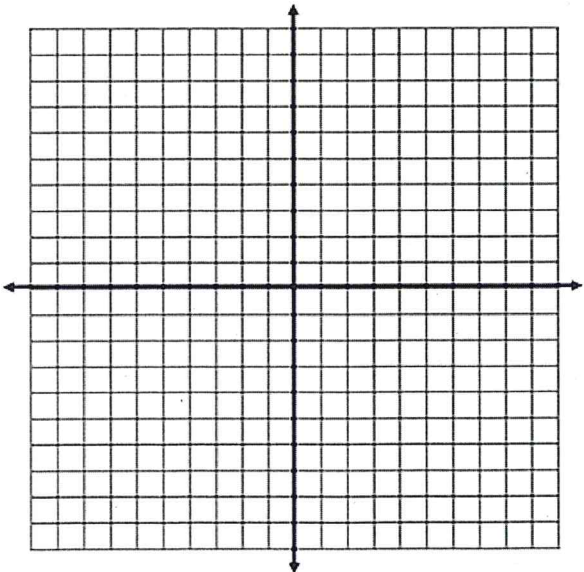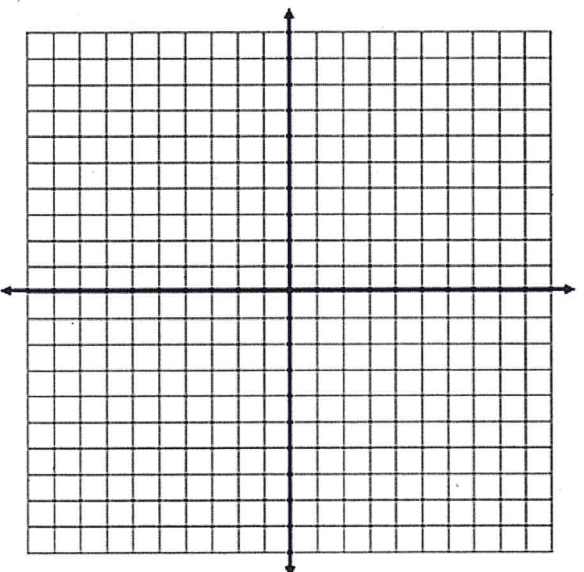## Slope Intercept Form
Practice

1. What is the slope intercept form? _____

2. What is the slope formula? _____

Identify the slope and y- intercept from each equation. Make sure the equation is in slope intercept form!! You may leave any fractions as simplified improper fractions.
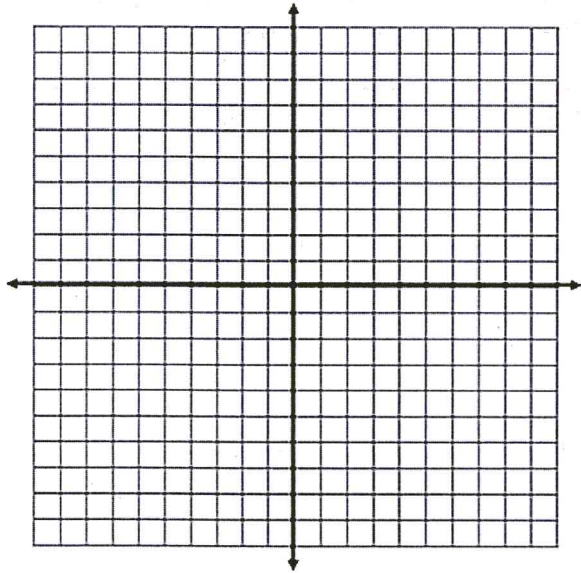
3. $y = 6x + 3$	4. $12x + 3y = -9$	5. $-5y = 25x - 100$	6. $3y - 2x = 22$
Slope: _____	Slope: _____	Slope: _____	Slope: _____
y- intercept: _____	y- intercept: _____	y- intercept: _____	y- intercept: _____

Graph each equation. ** Make sure the equation is in slope intercept form.

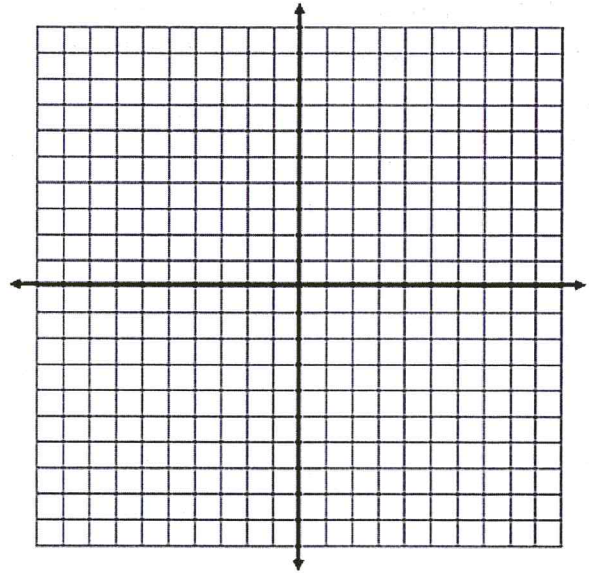| 7. $y = \frac{1}{4}x - 3$	8. $y = 4x + 3$
Slope: _____ y- int: _____	Slope: _____ y- int: _____

9. $y = -\frac{2}{3}x + 5$
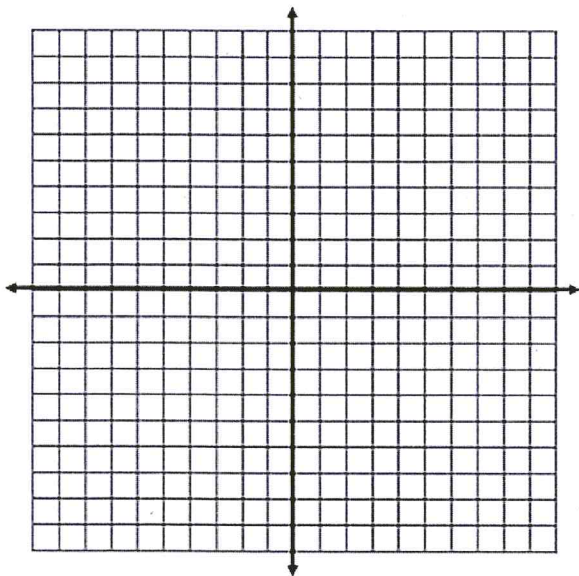
Slope: _____ y- int: _____

10. $2y = 14x - 8$

Slope: _____ y- int: _____

11. $y = -3$

Type of line: _____

12. $x = 5$

Type of line: _____