

Linear Equations WS

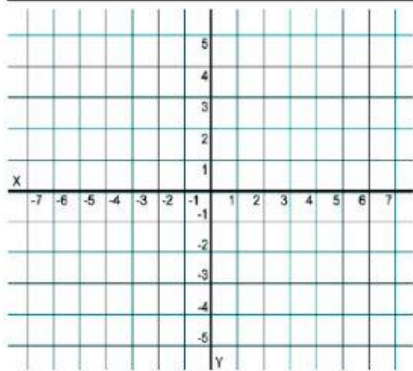
Name _____
Date _____ Period _____

Use what is given to find the following:

- Slope ($m = \frac{y_2 - y_1}{x_2 - x_1}$)
- x-intercept
- y-intercept
- Graph the Equation
- Write in Standard Form ($Ax + By = C$)
- Write in slope-intercept Form ($y = mx + b$)
- Identify a third point and write in Point-Slope Form ($y - y_1 = m(x - x_1)$)

1. (1, 2), (-1, -4) Find the Slope

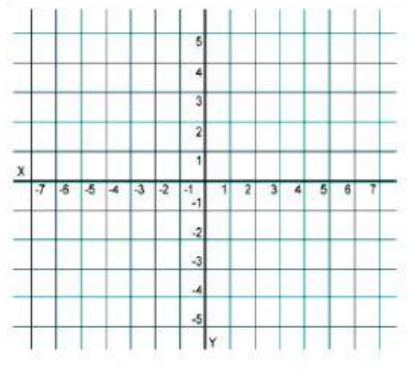
$m =$



Slope-Intercept Form	
Standard Form	
m	
y-intercept	
x-intercept	
Third Point	
Pt-Slope Form	

2. $3y + 2x = -12$. Find the Slope

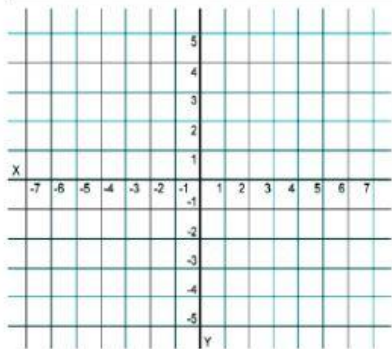
$m =$



Slope-Intercept Form	
Standard Form	
m	
y-intercept	
x-intercept	
Third Point	
Pt-Slope Form	

3. $y = -2x - 3$

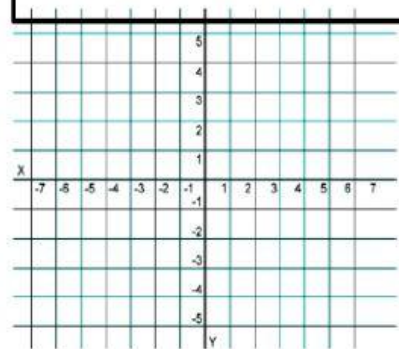
$m =$



Slope-Intercept Form	
Standard Form	
m	
y-intercept	
x-intercept	
Third Point	
Pt-Slope Form	

4. x-intercept = -2
y-intercept = -4

$m =$



Slope-Intercept Form	
Standard Form	
m	
y-intercept	
x-intercept	
Third Point	
Pt-Slope Form	