

The NUMBER in front (coefficient) of the x is the SLOPE. The CONSTANT is the Y-INTERCEPT.

For each example, solve for y. Determine the slope and y-intercept of each equation.

1. 
$$y = 2x + 8$$
2.  $y = 9x - 6$ 
3.  $2y - 4x = 12$ 

$$1 + 4x + 4x$$

$$1 + 4x + 4x$$

$$2 + 4x + 4x$$

$$3 + 4x + 6$$
Slope Slope y-intercept y-intercept y-intercept y-intercept

## SPRINT!!!

- Take 5 minutes to complete the sprint from the back of your packet
- Turn it in
- Open your packet to the page for writing corrections on the sprint



Name:	Score
Slope-Intercept Form Sprint	/10

Directions: INDEPENTENTLY solve each equation for y. (i.e. write in y=mx+b form)

1. 
$$-3x + y = -5$$

2. 
$$4x + y = 17$$

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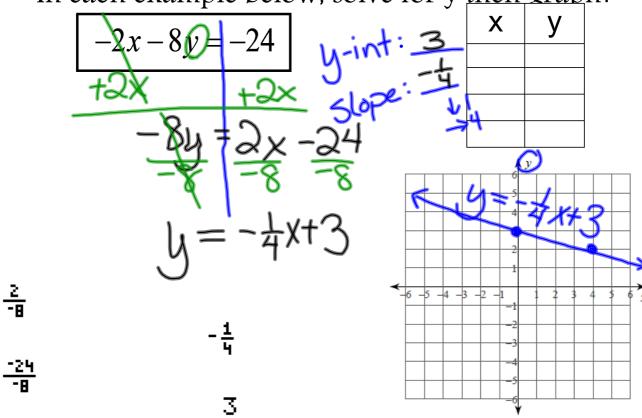
3. 
$$-8x + 16y = -16$$

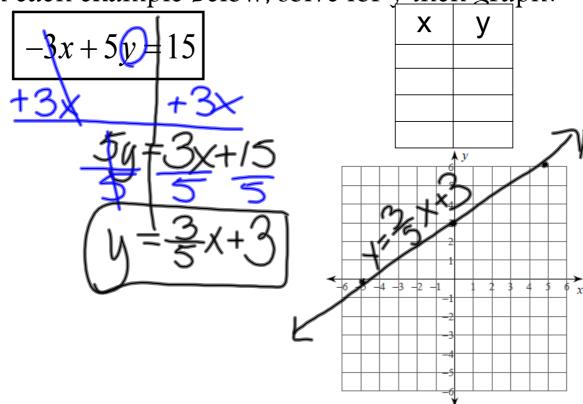
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4. 
$$2y + 4x = -12$$

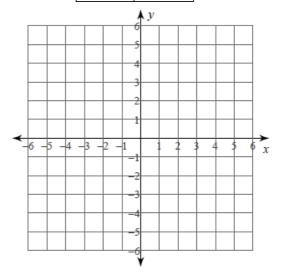
5. 
$$x - y = 3$$

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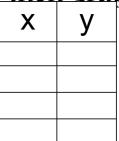


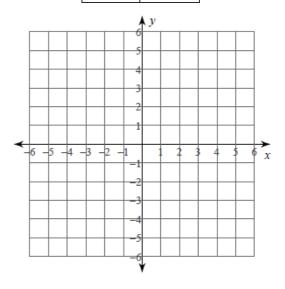


X	У



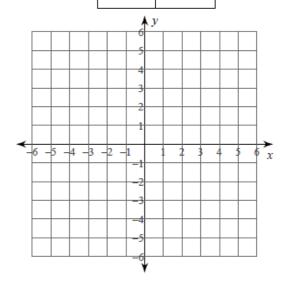
5x + 15y = -	-30
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 $\boxed{-6x + 4y = 24}$ 

X	У



10x + 10y = -10

X	У

