# iminate It

1) 
$$x + 2y = 4$$
 $-x - 4y = -14$ 

$$5x - 6y = 6$$

$$-x - 6y = 6$$

$$5x - 6y =$$

# Eliminate It

3) 
$$5x - 6y = 6$$
  
 $-5x + 4y = -14$ 

4) 
$$2x - 2y = -12$$
  
 $5x + 2y = 5$ 

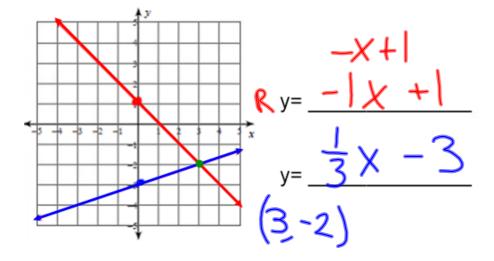
## Eliminate It

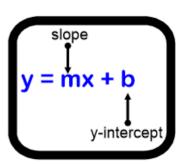
5) 
$$-4x - 2y = -12$$
  
 $4x + 8y = -24$ 

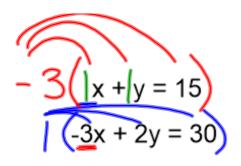
6) 
$$4x + 8y = 20$$
  
 $-4x + 2y = -30$ 

#### Warm Up!

Write the equations for the system of linear equations shown below **AND** state the coordinates of the solution:









$$-3x - 3y = -45$$

$$-3x + 2y = 30$$

$$-5y - 75$$

$$-3y = 15$$

$$-3x + 2y = 30$$

$$-3x + 2(15) = 30$$

$$-3x + 30 = 30$$

$$-3x = 30$$

$$-3x = 0$$

$$x = 0$$

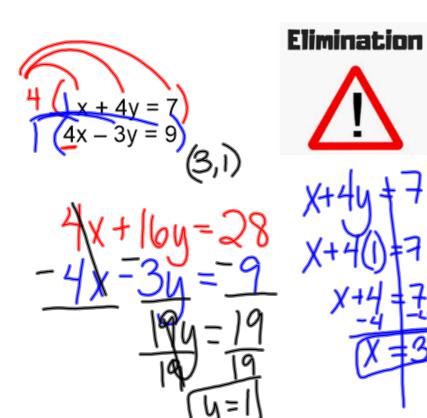
$$x = 0$$



$$5x + 4y = 9$$

$$3x + 2y = 5$$

$$2x - 3y = 0$$
$$-4x + 2y = 0$$



$$2x - 3y = 1$$
  
 $x + 2y = -3$ 

$$4x + y = 0$$
$$x - 3y = 26$$



$$x - y = 1$$
  
 $3x - 4y = 12$ 

TRY IT NOW!

10x + 5y = 303x + 11y = 28

5x - 2y = -56x + 6y = -6

### HOMEWORK! HOMEWORK!! HOMEWORK!!!

Solve each of the systems of edulations	helow listno the elimination method
1 x + 3y = 9	7x - 2y = 3
-2x + 4y = -8	[x+]y=3

