## JANUARY 26, 2012

Get out your homework... Pink WS3

$$21) - 2y = -14x + 6$$

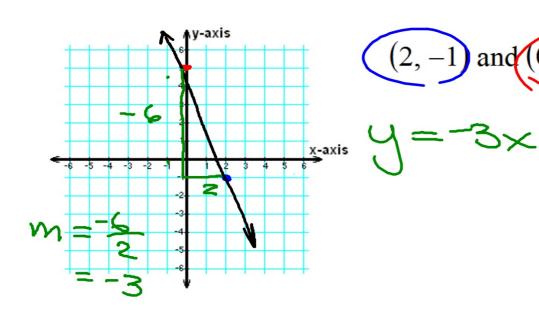
$$y = 7x - 3$$

$$-16x = 6y - 30$$

$$-16x + 30 = 6y$$

$$-8x + 5 = y$$

## 1/26 - Writing equations of lines that go through 2 given points



through: 
$$(0, -1)$$
 and  $(4, 3)$ 

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{3+1}{4-0}$$

2. Find 
$$m$$
 from the 2 points

$$y = |x - 1|$$

$$y = x - 1$$

- 1. Write the formula
- 2. Find m from the equation
- 3. Substitute x, y and m
- 4. Solve the equation for *b*
- 5. Write the equation
- 6. Substitute *m* and *b*

through 
$$(4, 4)$$
 and  $(0, 1)$ 

$$m = \frac{1-4}{0-4}$$

2. Find 
$$m$$
 from the equation

3. Substitute 
$$x$$
,  $y$  and  $m$ 

through: (5, -5) and (1, -3)

$$M = \frac{-3}{1} + 5$$

$$m = \frac{2}{4}$$

$$M = -\frac{1}{2}$$

71. Write the formula

 $\mathbf{Z}$ . Find *m* from the equation

3. Substitute x, y and m

4. Solve the equation for *b* 

5. Write the equation

6. Substitute *m* and *b* 

4=-=x-2=



## Green workstock 4

**Das Friday**