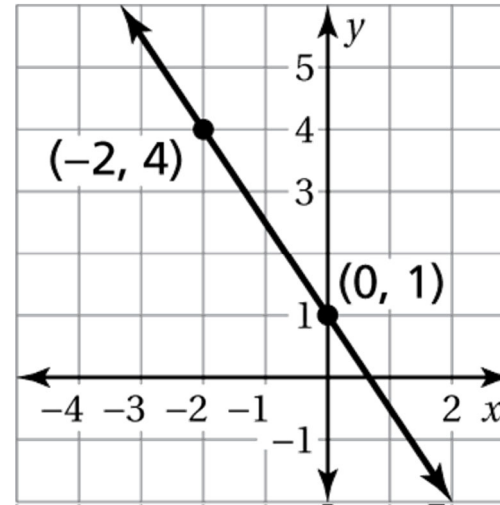


# ISOLATING FOR Y

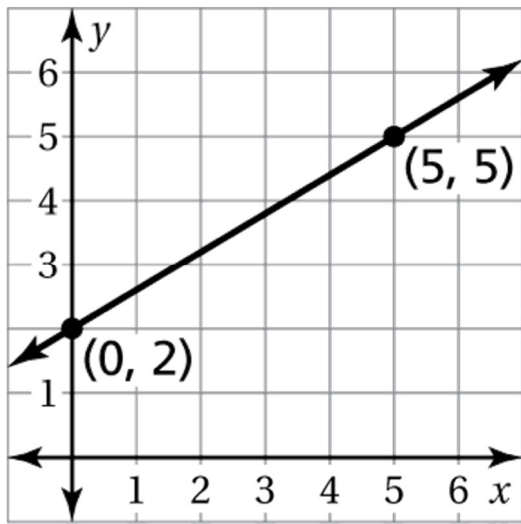
## Review

1) Find the slope and y-intercept



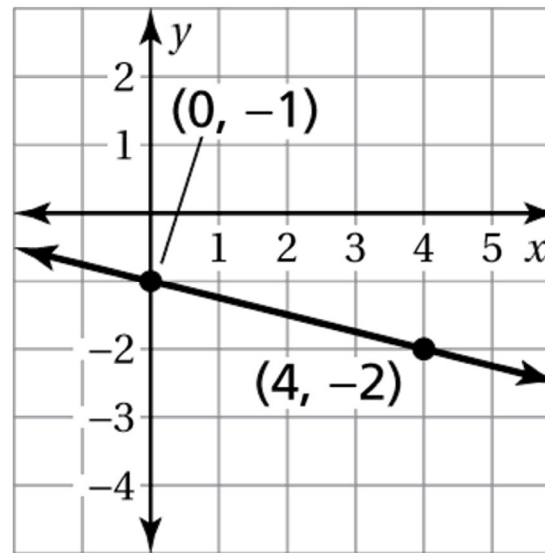
## Review

2) Find the slope and y-intercept



## Review

3) Find the slope and y-intercept



# **DO NOW**

Solve the equation. Check your solution.

1)  $5h - 7 = 2(h + 1)$

## ***What's a Formula?***

An equation made up mostly of variables

$$A = lw$$

$$A = \pi r^2$$

$$d = \frac{r}{t}$$

## ***Isolating for y***

Solve the formula for y. (Get the variable by itself)

1)  $2x + y = 8$

2)  $x + y = 5$

## ***Isolating for y***

Solve the formula for y. (Get the variable by itself)

3)  $-5x + y = 7$

4)  $-12x + y = 6$

## ***Isolating for y***

Solve the formula for  $y$ . (Get the variable by itself)

$$5) \quad -4x + 2y = 10$$

## ***Isolating for y***

Solve the formula for  $y$ . (Get the variable by itself)

$$6) \quad -9x + 3y = 24$$

## ***Isolating for y***

Solve the formula for  $y$ . (Get the variable by itself)

$$7) \quad 10x + 5y = 40$$

## ***Isolating for y***

Solve the formula for  $y$ . (Get the variable by itself)

$$8) \quad 12x + 3y = 33$$

## ***Isolating for y***

Solve the formula for  $y$ . (Get the variable by itself)

$$9) \quad 18x + 6y = 42$$