Home work

y large
$$11 = $.08 = 8$$

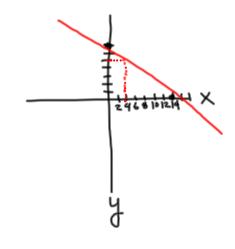
total amount = \$.56 = 56

$$4x + 8y = 56$$

$$x=0$$
 $4(0) + 8y = 56$
 $y = 7$

$$y=8 = \frac{4x+8(8)}{4} = \frac{56}{4}$$
(x int.) $x=14$

$$4x + 8y = 56$$
 7 large or



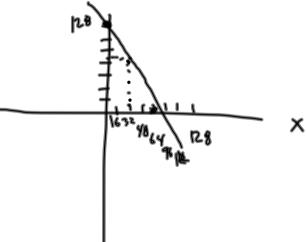
$$2x + y = 128$$

 $y = 0$
 $y = 64$

y interept: team Swored 128 all Free throws

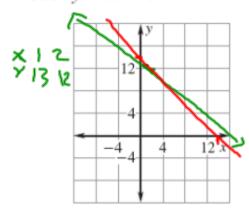
X intercept team sword all field poals

32 field 63 field X= field goals Y= free throws

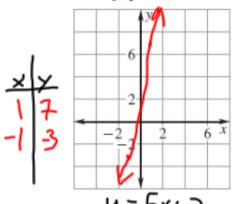


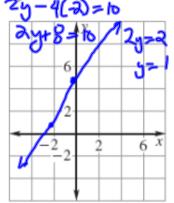
Graph the equation.

10.
$$y + x = 14$$

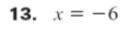


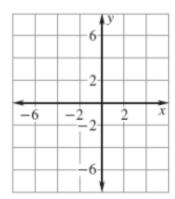
11.
$$y - 5x = 2 + 5x$$



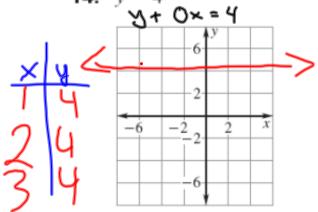


$$0 = \frac{5(1) + 2}{5(1) + 2} = \frac{5}{5}$$

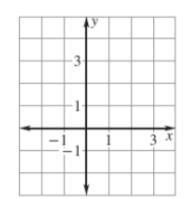




14.
$$y = 4$$

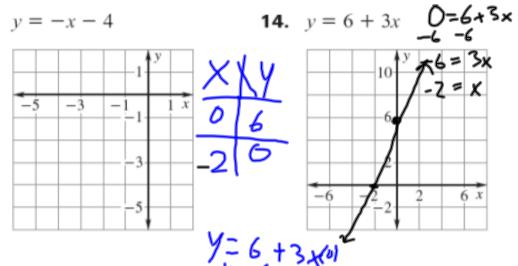


15.
$$3x - 2y = 0$$

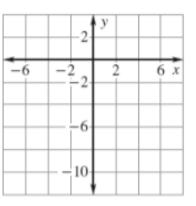


Graph the equation. Label the points where the line crosses the axes.

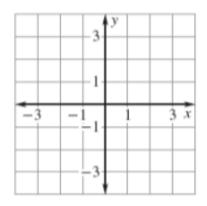
13.
$$y = -x - 4$$



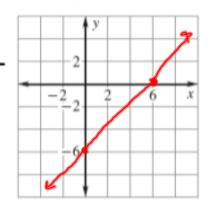
15.
$$y = 8x - 7$$



16.
$$y = 1 - 3x$$

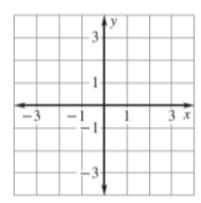


17.
$$7x - 7y = 42$$



6 x

18.
$$3y + 2x = -5$$



SLOPE:

· The "angle" of a line on a graph

$$\frac{y_{2}-y_{1}}{x_{2}-x_{1}} = \frac{1}{5} \frac{1}{5$$

$$Slope = \frac{4-D}{-\lambda-\lambda} = \frac{4}{-4} = -1 (-2,4)$$

$$Slope = \frac{(5-5)}{D-7} > \frac{0}{7} = 0$$

$$\frac{(-7,5)}{(-7,5)} = 0$$

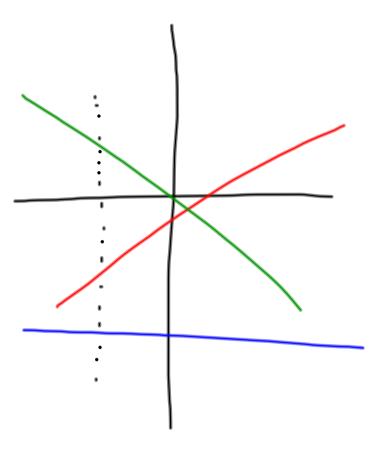
Slope:
$$\left(\frac{0-5}{4-4} - \frac{5}{\varnothing} - \frac{7}{4} + \frac{5}{4}\right)$$
 Slope: $\left(\frac{4}{4} - \frac{5}{4}\right)$ Slope: $\left(\frac{4}{4} - \frac{5}{4}\right)$

positive slope

negative slope

Zen slope

undefined slope



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