Pre-Algebra Linear Function Example 2

Identify if the equation will produce a horizontal or vertical line, then graph the function:

₹ - Z

Identify the slope in the following equations:

2.
$$y = 4 - \chi$$
 $M = -1$

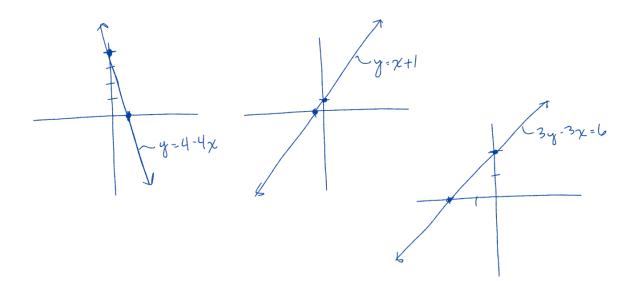
3.
$$3y - 9x = 18$$
 $+9x$
 $3y = 9x + 18$
 $3 = 3x + 6$
 $M = 3$

Find the intercepts for the following and graph:

2.
$$y=x+1$$
 $x \cdot int: y=0$
 $0=x+1$
 -1
 $-1=x$
 $x \cdot int(-1,0)$
 $y \cdot int: x=0$
 $y=0+1$
 $y=1$
 $y=1$

2.
$$y=x+1$$
 $x:int: y=0$
 $0=x+1$
 $-1=x$
 $x=-2$
 $x:int: y=0$

3. $3y=3x=6$
 $3(0)-3x=6$
 $-3x=6$
 $3(0)-3x=6$
 $3(0)-3$



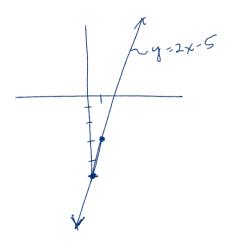
Write the following equations in slope-intercept form and graph using the slope and intercept:

$$\frac{20y}{20} = \frac{40x - 100}{20}$$

$$y = 2x - 5$$

$$M = \lambda$$

$$Int = (0, -5)$$



2.
$$9y + 27x = 34$$

$$-27x - 27x$$

$$\frac{9y}{9} = \frac{36 - 27x}{9}$$

$$\frac{9}{9} = 4 - 3x$$

