

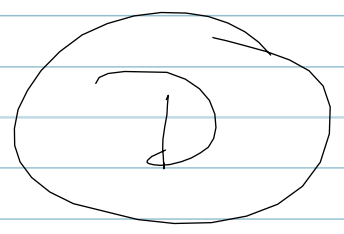
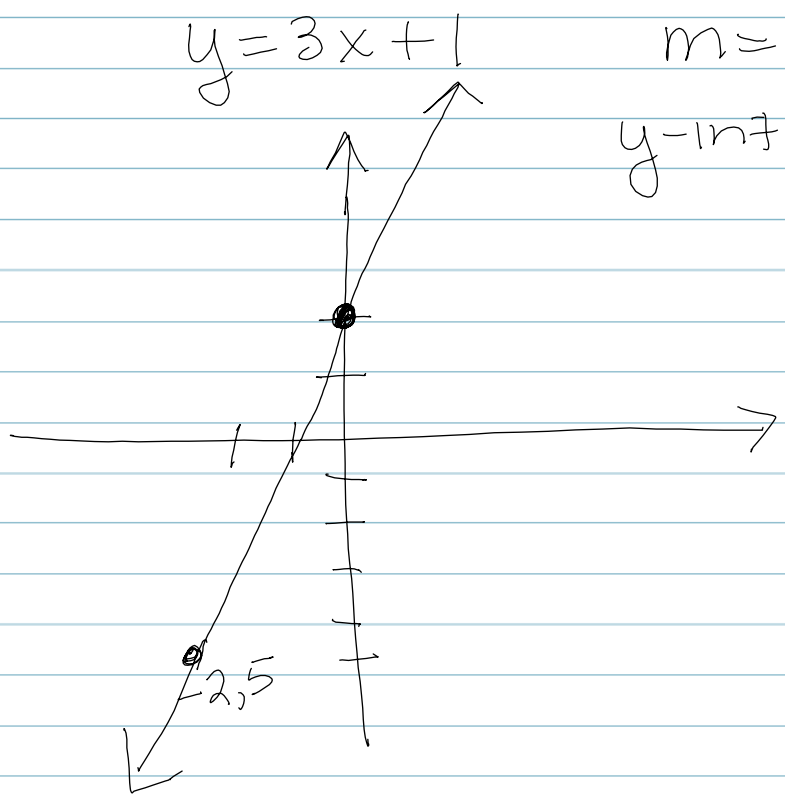
25. Graph :  $y = 3x + 1$

table of values

x	y	
0	1	(0, 1)
4	13	(4, 13)
-2	-5	(-2, -5) ✓

$$y = 3(0) + 1 = 0 + 1 = 1$$
$$y = 3(4) + 1 = 12 + 1 = 13$$
$$y = 3(-2) + 1 = -6 + 1 = -5$$

Q12 Slope-Intercept



25. Graph:  $2x + 3y = 6$

x - and y - intercepts

x-int

$$\boxed{\begin{matrix} (3, 0) \\ y \end{matrix}}$$

$$2x + 3(0) = 6$$

$$\frac{2x = 6}{2 \quad 2}$$

$$x = 3$$

y-int

$$\boxed{\begin{matrix} (0, 2) \\ x \end{matrix}}$$

$$\cancel{2x} + 3y = 6$$

$$\frac{3y = 6}{3 \quad 3}$$

$$y = 2$$

