

2)	$y = -3x + 4$	14)	$y = -\frac{2}{5}x + 9$	26)	$y = 5x + 3$
4)	$y = \frac{2}{3}x + 9$	16)	$y = 4$	28)	$y = -x + 3$
6)	$y = -\frac{1}{3}x + 1$	18)	$y = -2x + 3$	30)	$y = \frac{5}{3}x - 5$
8)	$y = 3x - 11$	20)	$y = -\frac{4}{3}x$	32)	$y = -\frac{1}{2}x - 2$
10)	$y = -x + 13$	22)	$y = -\frac{1}{2}x + \frac{10}{3}$	34)	$y = -1$
2)	$y = \frac{1}{3}x - 2$	24)	$y = -\frac{3}{4}x - \frac{6}{4}$		

20)  $(-3, 4)$   $(3, -4)$       22)  $(-2, 4)$   $(4, 2)$

$y = mx + b$

$m = \frac{-4 - 4}{3 - (-3)} = \frac{-8}{6} = -\frac{4}{3}$

$y = -\frac{4}{3}x + b$   
 $4 = -\frac{4}{3}(-3) + b$   
 $4 = 4 + b$   
 $0 = b$

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

$y = mx + b$

$m = \frac{2 - 4}{4 - (-2)} = \frac{-2}{6} = -\frac{1}{3}$

$y = -\frac{1}{3}x + b$   
 $2 = -\frac{1}{3}(4) + b$   
 $(2 = -\frac{4}{3} + b) \cdot 3$   
 $6 = -4 + 3b$   
 $10 = 3b$   
 $\frac{10}{3} = b$

$y = -\frac{1}{3}x + \frac{10}{3}$

24)  $(-3, -1)$   $(1, -4)$

$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-4 - (-1)}{1 - (-3)} = \frac{-3}{4}$

$y = -\frac{3}{4}x + b$

$-4 = -\frac{3}{4}(1) + b$

$-4 = -\frac{3}{4} + b$

$-\frac{4}{1} + \frac{3}{4} = -\frac{3}{4} + b$

$-\frac{16}{4} + \frac{3}{4} = b = -\frac{13}{4}$

$y = -\frac{3}{4}x - \frac{13}{4}$

30)  $y\text{-int} = -5 = b$

$x\text{-int} = 3 \Rightarrow (3, 0)$

$y = mx + b$

$y = mx - 5$

$0 = m \cdot 3 - 5$

$0 + 5 = 3m - 5 + 5$

$\frac{5}{3} = \frac{3m}{3}$

$\frac{5}{3} = m$

$y = \frac{5}{3}x - 5$

34) horizontal

$(-2, -1)$

$y = -1$

