2) $m = 3$
   $b = -4$

8) $m = -3$
   $b = 9$

4) $m = \frac{2}{3}$
   $b = 3$

10) $m = -1$
    $b = 0$

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

12) $m = 0$
    $b = 4$

14) x=3 y=3

16) x=-5 y=-7

18) x=-4 y=-2

20) x=3 y=0

22) x=-3 y=-2
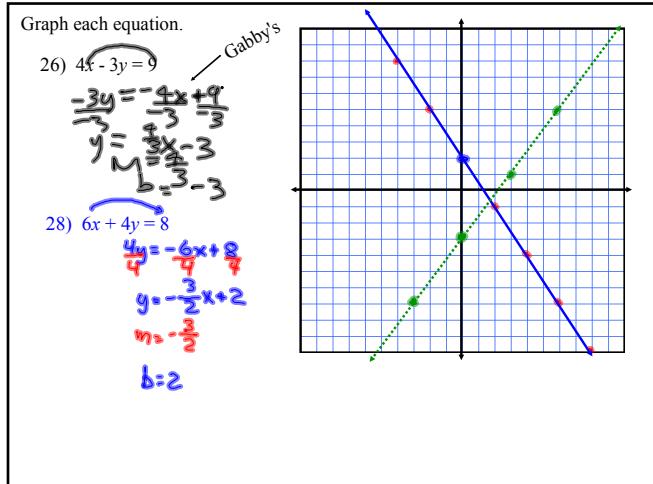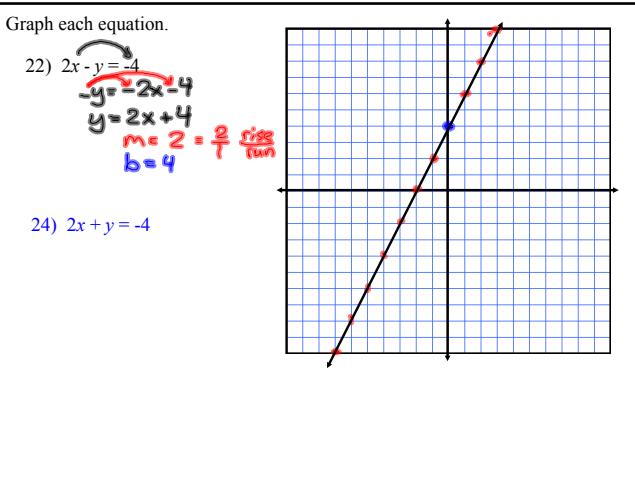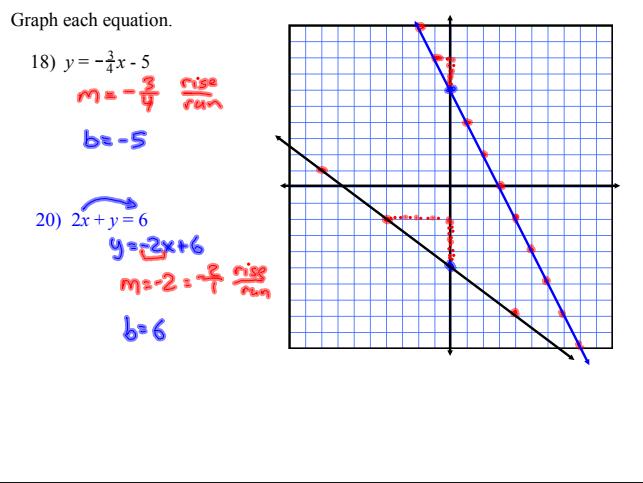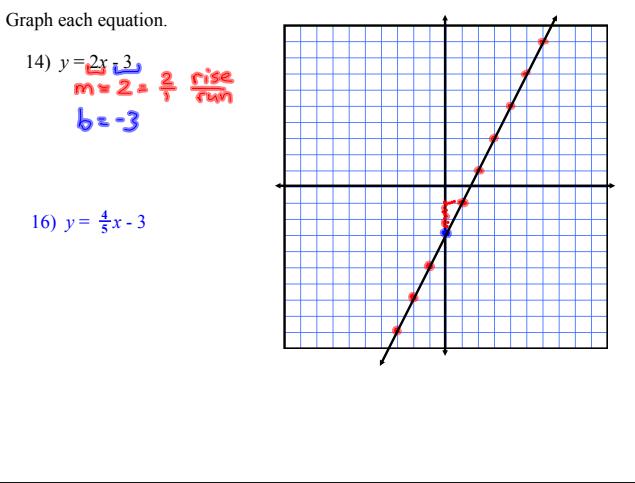
24) x=1 y=-6

26) x=0 y=-3

28) x=-4 y=8

Find the slope and *y*-intercept of each line.

2) $y = 3x - 4$

4) $y = \frac{2}{3}x + 3$

6) $y = x\frac{1}{3}\,2$

8) $y = 9 - 3x$

10) $y = -x$

12) $y = 4$
horizontal
$m = 0$
$b = 4$

Graph each equation.

14) $y = 2x - 3$
$m = 2 = \frac{2}{1}\ \frac{rise}{run}$
$b = -3$

16) $y = \frac{4}{5}x - 3$

Graph each equation.

18) $y = -\frac{3}{4}x - 5$
$m = -\frac{3}{4}\ \frac{rise}{run}$
$b = -5$

20) $2x + y = 6$
$y = -2x + 6$
$m = -2 = -\frac{2}{1}\ \frac{rise}{run}$
$b = 6$

Graph each equation.

22) $2x - y = -4$
$-y = -2x - 4$
$y = 2x + 4$
$m = 2 = \frac{2}{1}\ \frac{rise}{run}$
$b = 4$

24) $2x + y = -4$

Graph each equation.

26) $4x - 3y = 9$ — Gabby's
$\frac{-3y}{-3} = \frac{-4x}{-3} + \frac{9}{-3}$
$y = \frac{4}{3}x - 3$
$m = \frac{4}{3}$
$b = -3$

28) $6x + 4y = 8$
$\frac{4y}{4} = \frac{-6x}{4} + \frac{8}{4}$
$y = -\frac{3}{2}x + 2$
$m = -\frac{3}{2}$
$b = 2$

$m = 5 = \dfrac{5}{1} \begin{smallmatrix} \text{rise} \\ \text{run} \end{smallmatrix}$

$b = -\dfrac{3}{2}$

$2\overline{\smash{\big)}\,\begin{smallmatrix}1.5\\3.\\\underline{}\\1.0\end{smallmatrix}}$