

Graphing Equations in Slope-Intercept Form

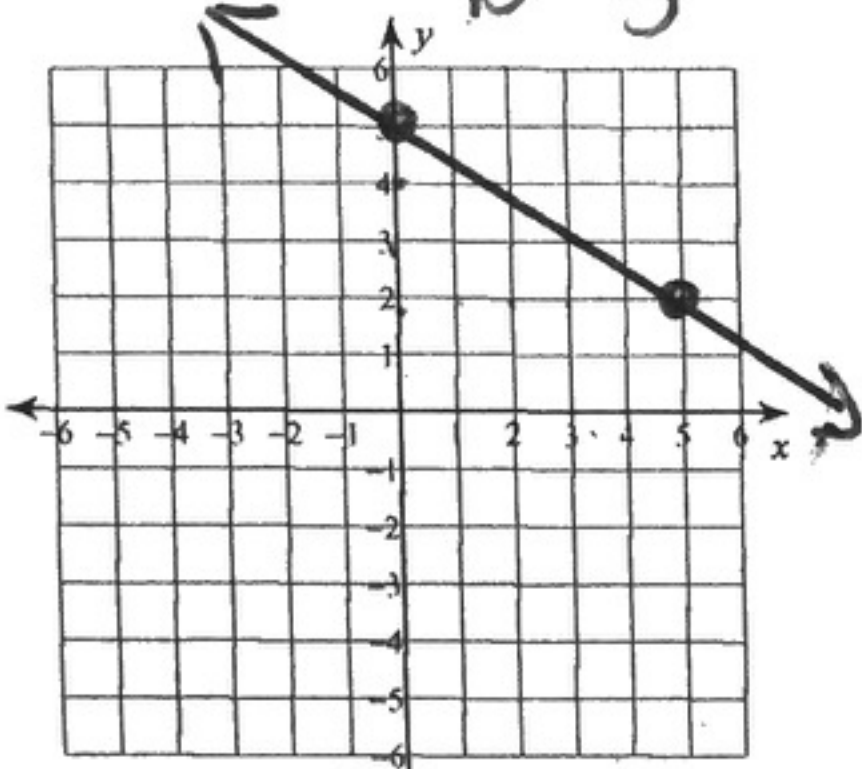
Name _____

*Graph 1st point on b, then rise and run.

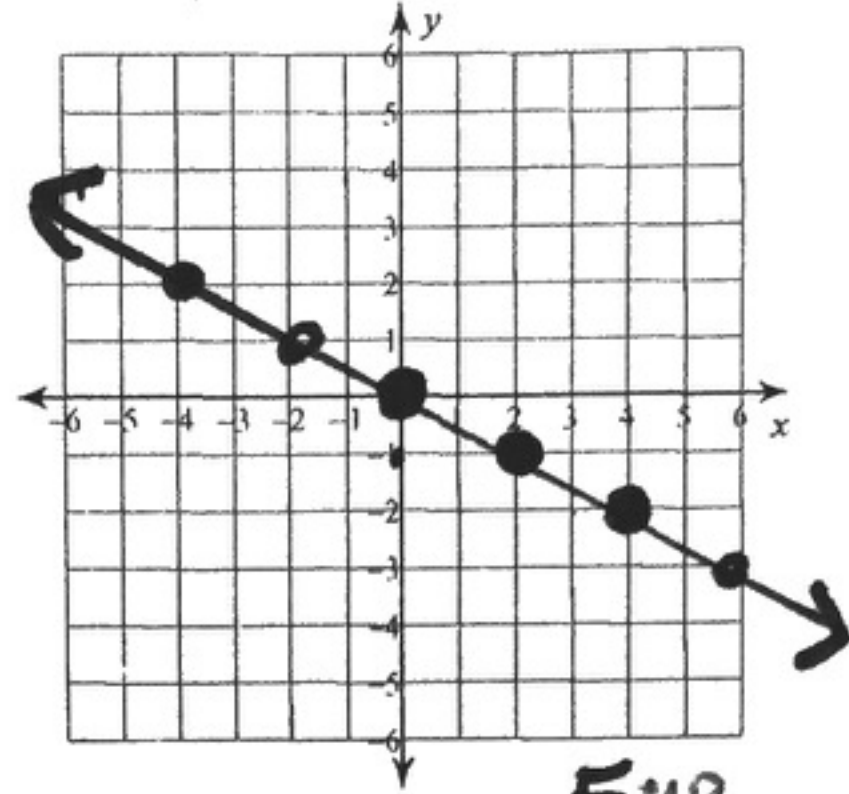
Date _____ Period _____

Sketch the graph of each line.

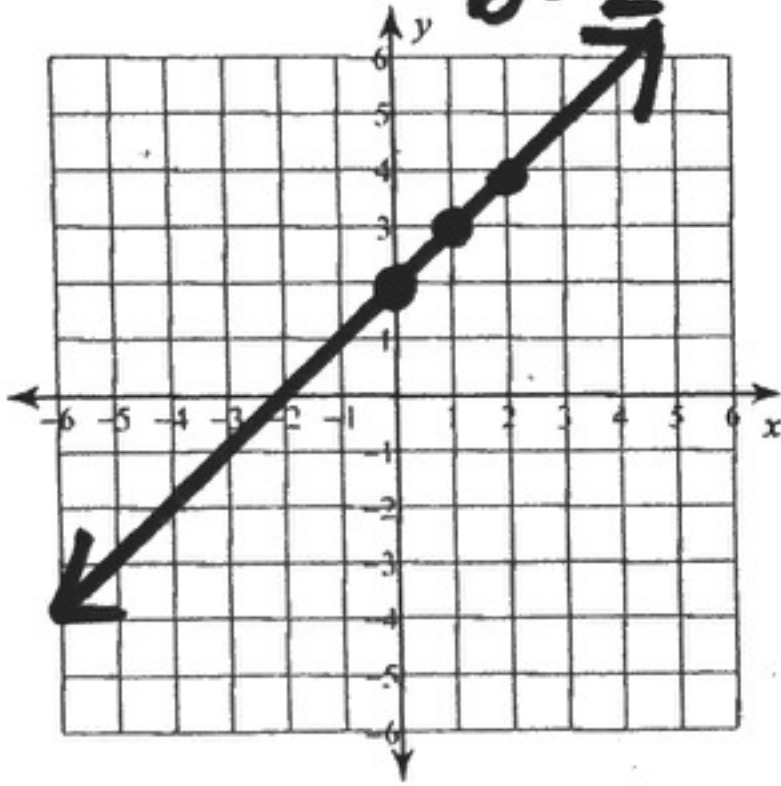
1) $y = -\frac{3}{5}x + 5$ $m = -\frac{3}{5}$ down 3 right 5
 $b = 5$



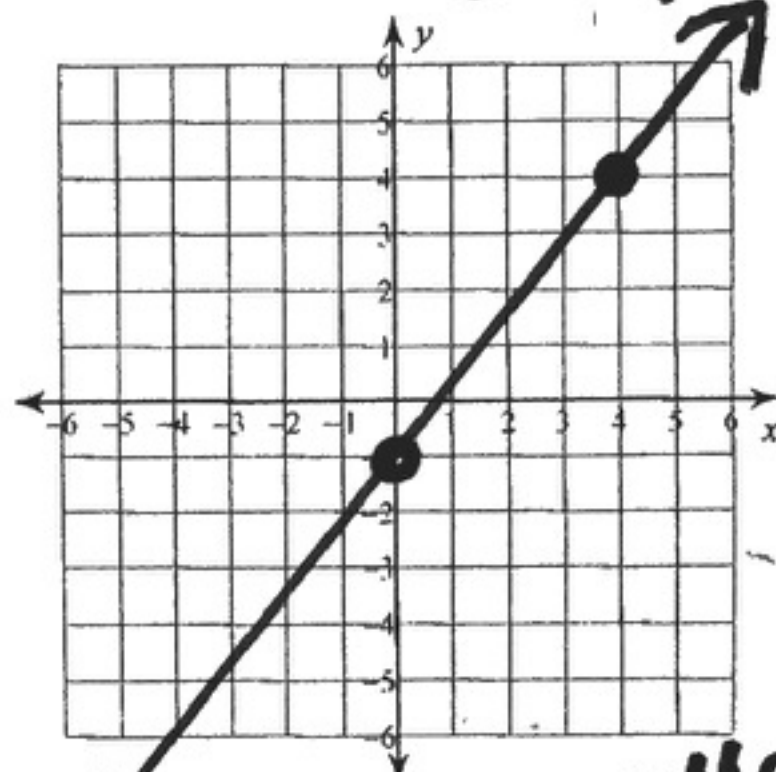
2) $y = -\frac{1}{2}x$ $m = -\frac{1}{2}$ down 1 right 2
 $b = 0$



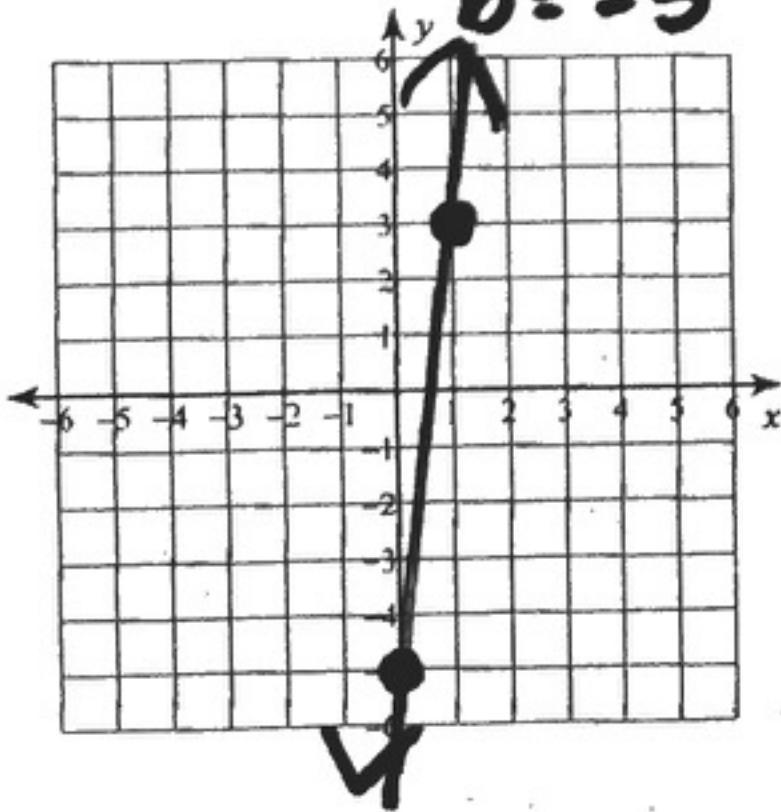
3) $y = x + 2$ $m = 1$ up 1 right 1
 $b = 2$



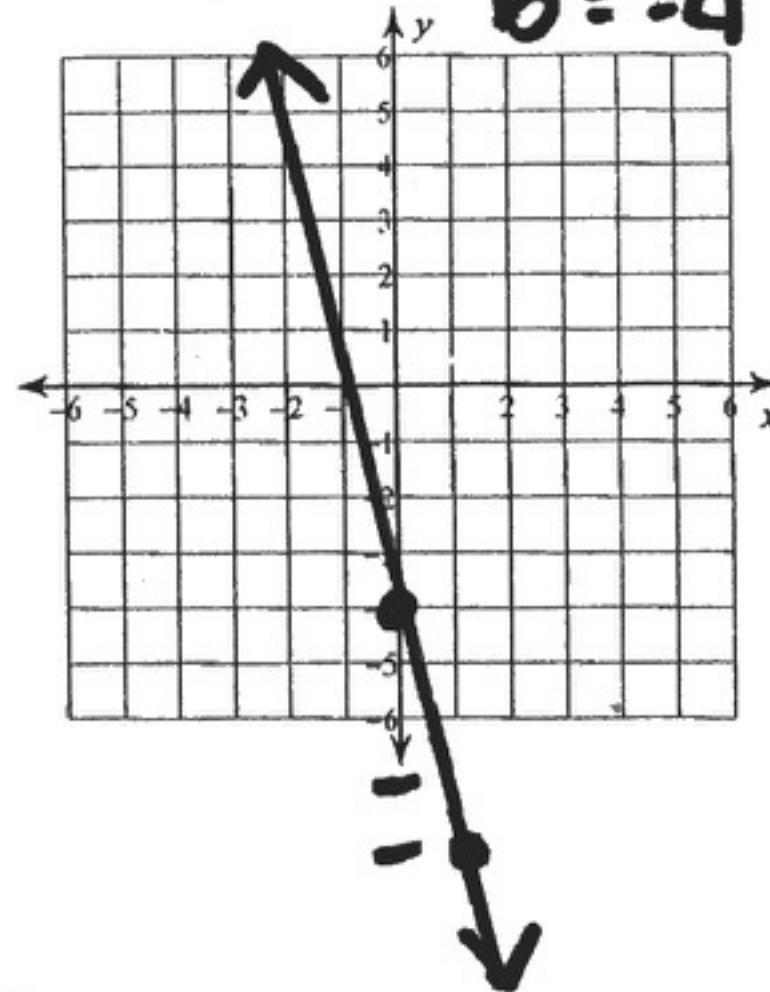
4) $y = \frac{5}{4}x - 1$ $m = \frac{5}{4}$ up 5 right 4
 $b = -1$



5) $y = 8x - 5$ $m = 8$ up 8 right 1
 $b = -5$



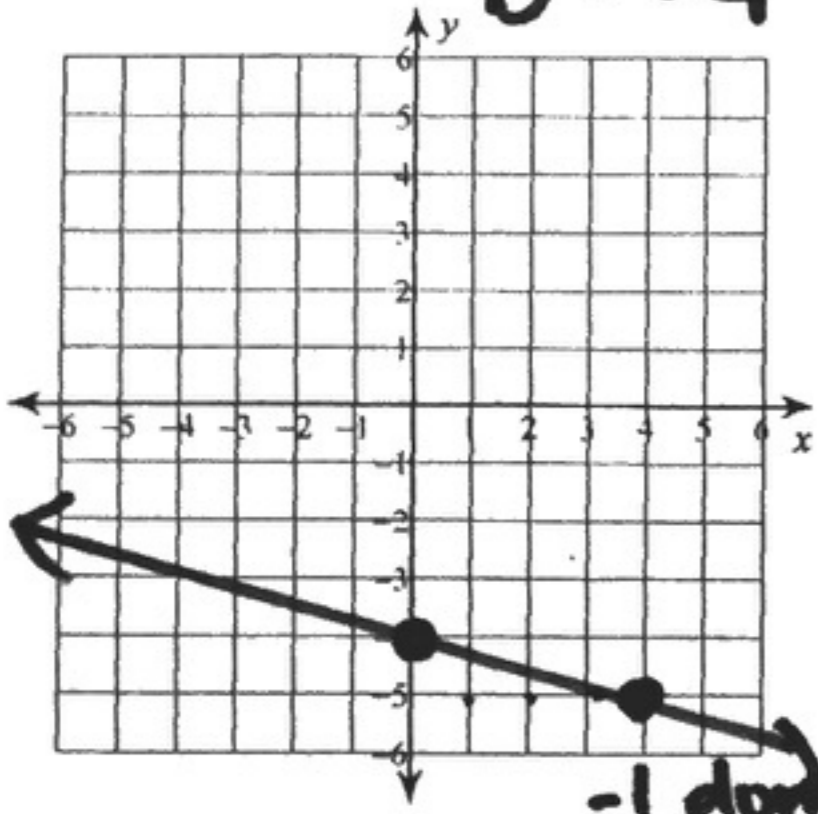
6) $y = -4x - 4$ $m = -\frac{4}{1}$ down 4 right 1
 $b = -4$



7) $y = -\frac{1}{4}x - 4$

$m = -\frac{1}{4}$ down
4 right

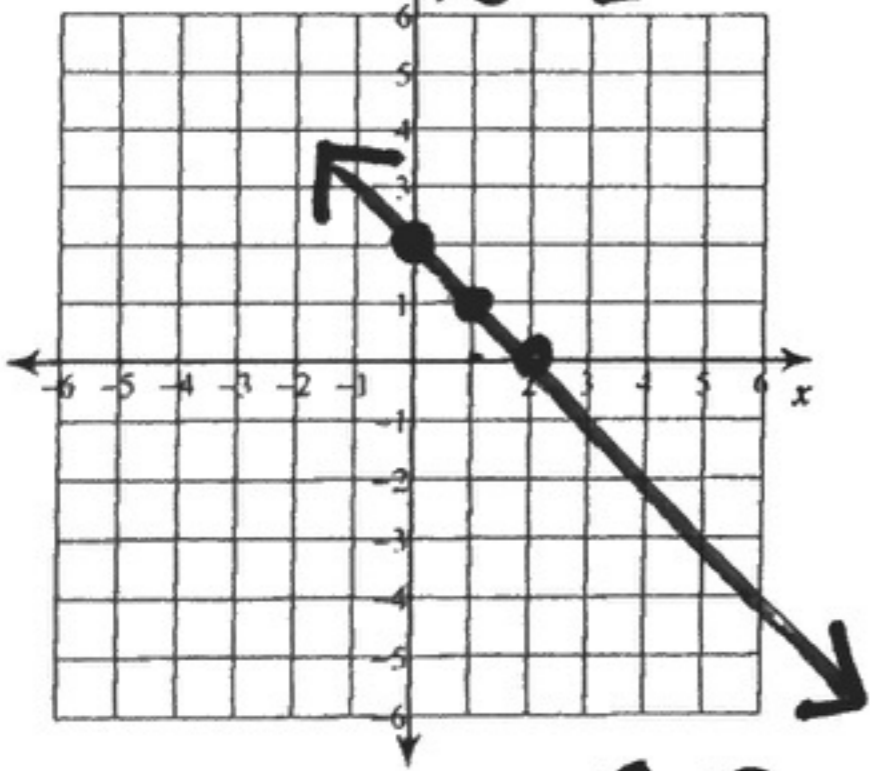
$b = -4$



$m = -\frac{1}{4}$ down
4 right

9) $y = \frac{1}{2}x + 2$

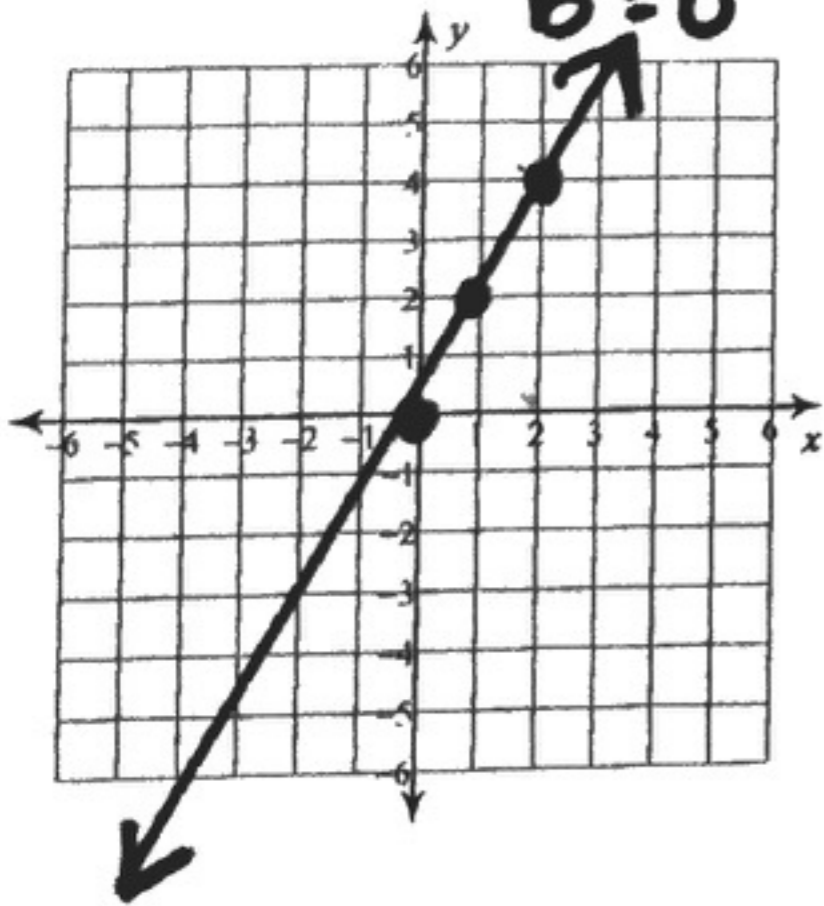
$m = \frac{1}{2}$ up
2 right



$m = \frac{1}{2}$ up
2 right

11) $y = 2x$

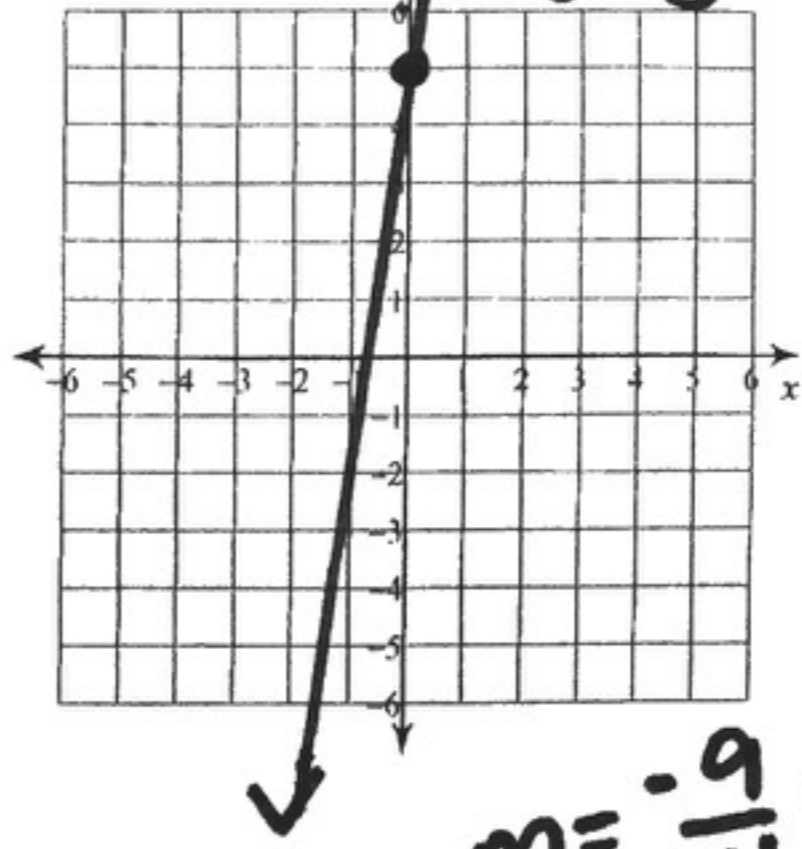
$b = 0$



8) $y = 8x + 5$

$m = \frac{8}{1}$ up
1 right

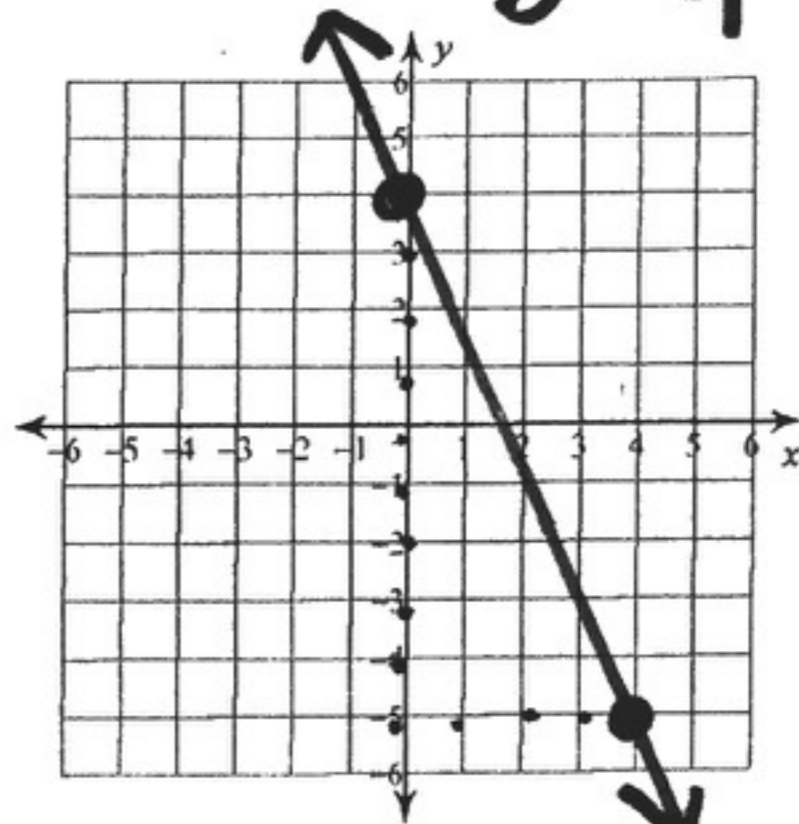
$b = 5$



$m = -\frac{9}{4}$ down
4 right

10) $y = -\frac{9}{4}x + 4$

$b = 4$



$m = \frac{1}{5}$ up
5 right

12) $y = \frac{1}{5}x - 2$

$b = -2$

