

Review: Graphing Linear Equations - Slope Intercept Form

Find the slope & y-intercept of the graph of each equation.

1) $y = -x + 3$

2) $2x - y = 4$

3) $3x - 6y = -8$

4) $\frac{1}{2}x + \frac{1}{4}y = 1$

Write the equation in Slope-Intercept Form. Graph.

5) $3x + y = 3$

6) $3x - 2y = 6$

7) $y - 6 = 0$

Are the graphs of the equations parallel? DO NOT GRAPH.

8) $y = 2x - 1$ & $y = -2x + 3$

9) $3x - 5y = 10$ & $-6x + 10y = 14$

Answers:

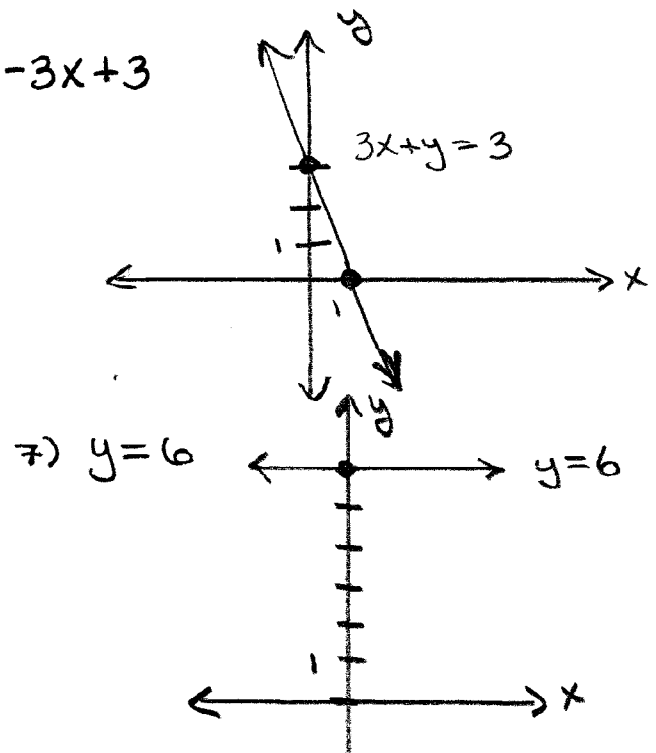
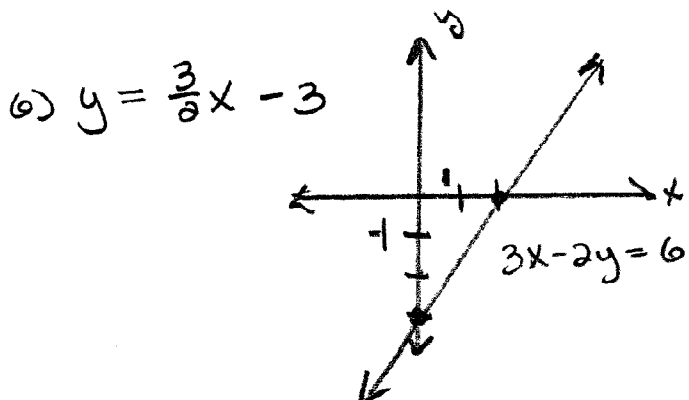
1) $m = -1$; $(0, 3)$

2) $m = 2$; $(0, -4)$

3) $m = \frac{1}{2}$; $(0, \frac{4}{3})$

4) $m = -2$; $(0, 4)$

5) $y = -3x + 3$



8) not parallel - slopes not equal

9) parallel - slopes are equal