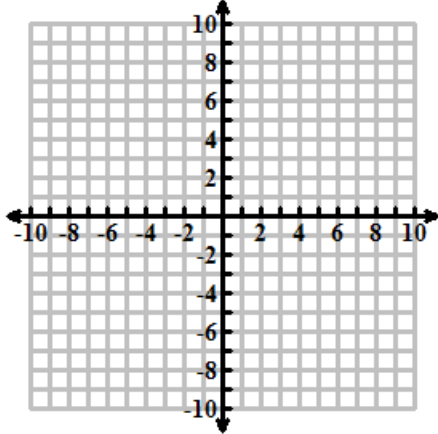


Lesson 3.1 ~ Graphing Using Slope-Intercept Form

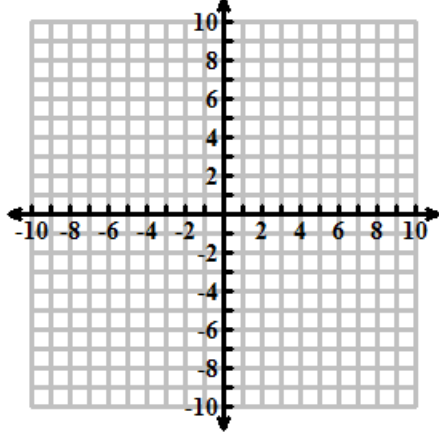
Name _____ Period _____ Date _____

Graph each equation. Clearly mark at least three points on each line.

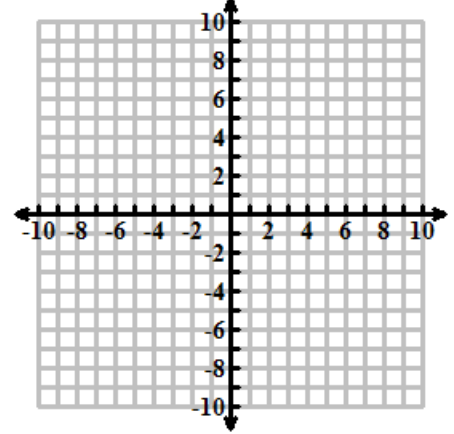
1. $y = \frac{3}{2}x - 5$



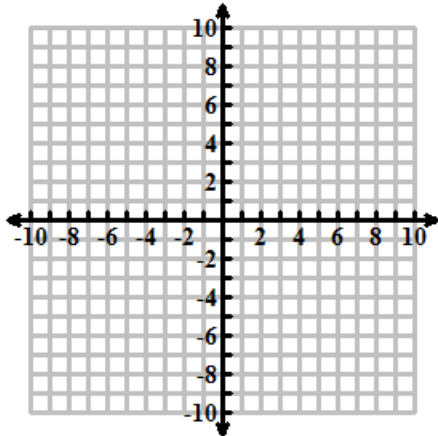
2. $y = -\frac{1}{3}x + 2$



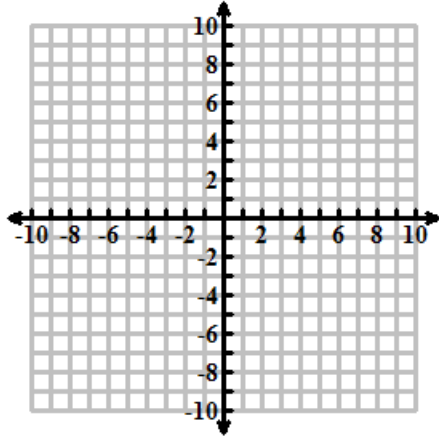
3. $y = 7 - 4x$



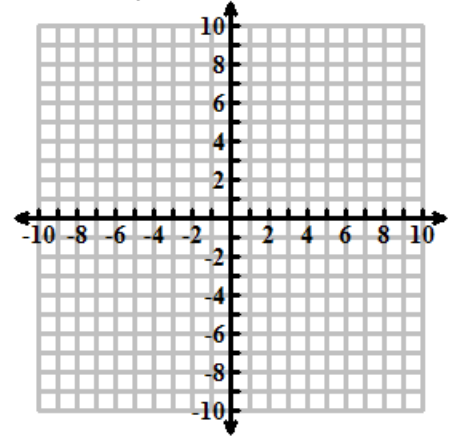
4. $y = 6$



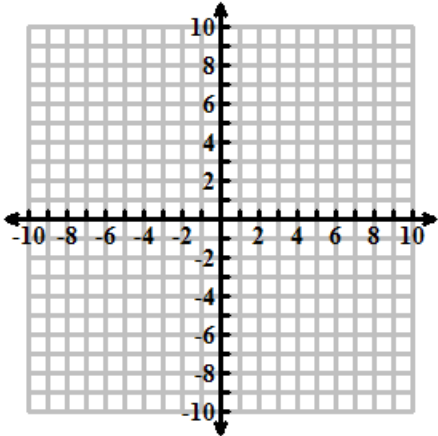
5. $y = x - 4$



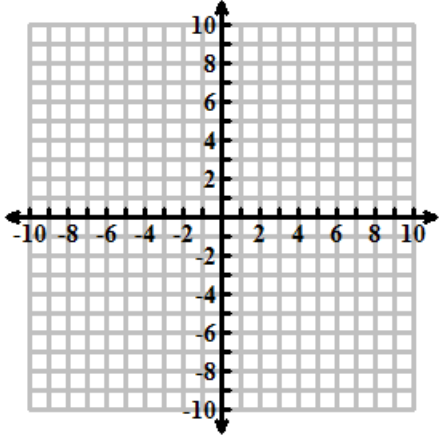
6. $y = \frac{5}{3}x - 8$



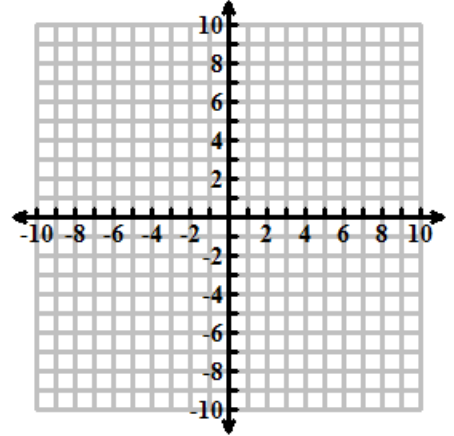
7. $y = -2x$



8. $y = 1 + \frac{1}{4}x$



9. $x = -4$



10. Using a separate sheet of graph paper, graph the following three equations on the same coordinate plane. Describe any similarities and differences you observe.

$y = \frac{1}{2}x - 3$

$y = \frac{1}{2}x$

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