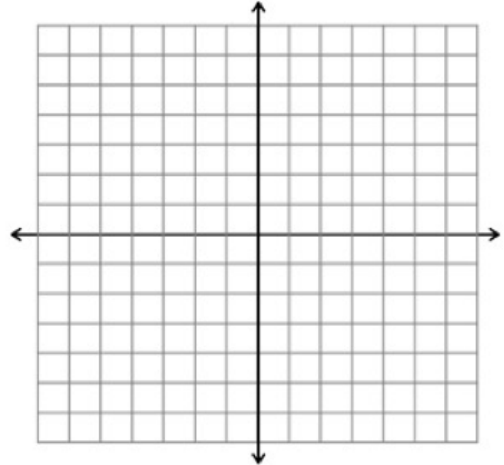


Written Homework 4 – Show all work to receive credit.

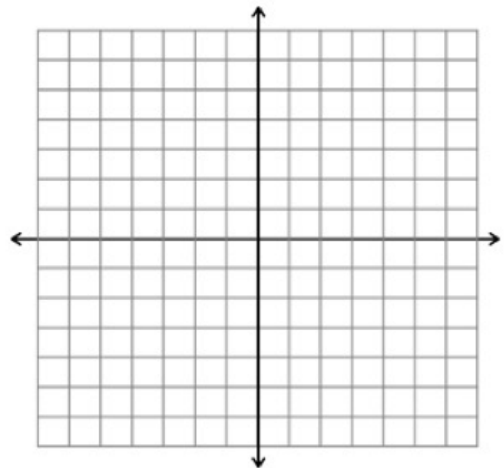
**Graphing (Sections 3.2, 3.3)**

**When graphing, make sure you label your scale and axes on the graph.**

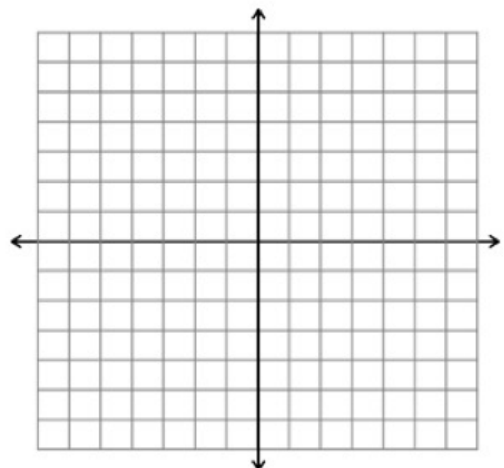
1) Graph  $y = 3x - 2$ . Show your table of  $x$ - and  $y$ -values.



2) Graph  $5y - 2x = 0$ . Show your table of  $x$ - and  $y$ -values.



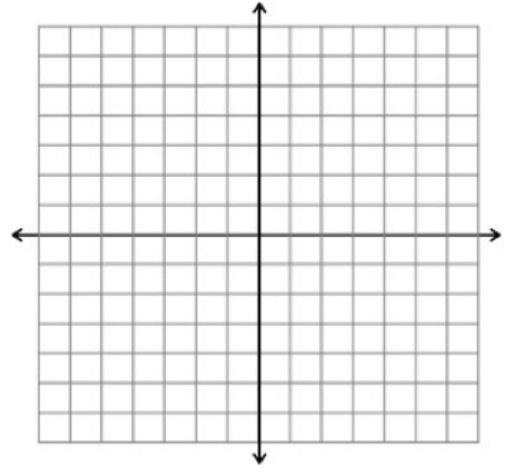
3) Graph  $y = -3$



4) Find the  $x$ - and  $y$ -intercepts. Then graph the equation.  $x + 2y = 4$

$x$ -intercept: \_\_\_\_\_

$y$ -intercept: \_\_\_\_\_



**Slope (Section 3.5)**

5) Find the slope of the line through the two points:  $(-5, -3)$  and  $(2, -7)$