<u>SECTION 3.4: GRAPHING LINEAR EQUATIONS IN STANDARD FORM</u>

Homework: _____

Learning Targets:

     3e.   Understanding of how to graph a linear function using tables, intercepts, and slope-intercept form.

<u>Vertical Lines:</u>   A vertical line is _____ a function. The equation for a vertical line is _____

<u>Horizontal Lines</u>:   A horizontal line is _____ function. The equation for a horizontal

     line is _____

<u>Standard Form</u>:   _____; where A cannot be _____

     and there are no _____

<u>Intercepts of a graph</u>:   The intercepts of a graph are located where the line intersects the _____

     and _____ axis. To find the x-intercept, your _____. To

     find the y-intercept, your _____. Once you know your x- and y-

     intercept, then you graph them and _____ the dots.

Find the intercepts and graph each linear function.

     $3x - 2y = 6$ $-2x + y = -4$