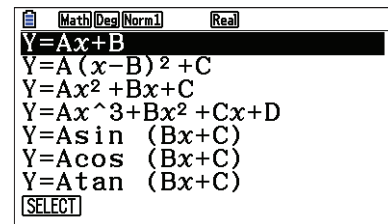
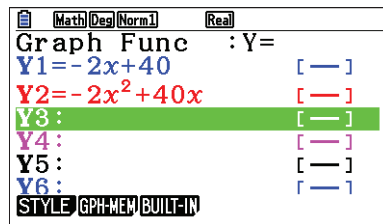
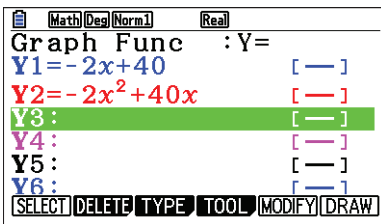


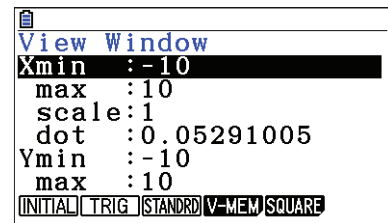
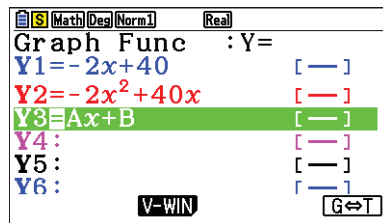
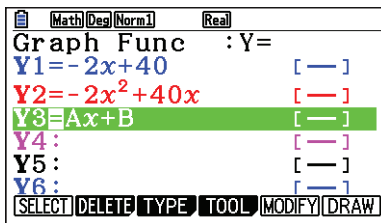
GRAPH-MODIFY

1. Explore how the graph of the function $y = Ax + B$ changes for different values of A and B.

From the Main Menu, press **[5]**. Use **[F1]** (SELECT) to deselect any functions and **[v]** to move to a new line; in this screen shot, it is **Y3**. Press **[F4]** (TOOL) **[F3]** (BUILT-IN). With **Y=Ax+B**, highlighted, press **[F1]** (SELECT).



To use a standard window, press **[SHIFT]** **[F3]** (V-Window) **[F3]** (STANDRD) **[EXIT]**.



Press **[F5]** (MODIFY). A graph is drawn based on values stored to **A** and **B**. Values for the variables are displayed in the lower left portion of the screen. The active value is magenta, in this case, **A**. Press **[right arrow]** to increase **A** by the value shown as **Step**. Press **[left arrow]** to decrease **A**. Alternately, press any number keys to change the value of **A**. A dialogue box opens displaying the new desired value, then, press **[EXE]**. Notice, the previous graph is drawn in faint yellow. Use **[v]** **[u]** to change the value of a different variable or the value for **Step**.

