Use the online graphing tool or your graphing calculator to approximate (one-decimal place accuracy) the maximum and minimum values of the function $f(x) = 6x^3 - 25x$.

- Online Grapher: http://matti.usu.edu/grapher/

- *Enter the function* $f(x) = 6x^3 - 25x$.

f(x) = 6x³-25x

Graph   Reset

Parameters   Window   Functions

-5.00   < x <   5.00

-25.00   < y <   25.00

Default Window   Apply

x = -1.15   f(x) = 19.62

☒ Trace

- *Adjust the window settings to display the maximum and minimum ponts.*

- *Trace along the graph. The maximum value of* f *is approximately* 19.6 *when* $x \approx -1.15$, *and the minimum value of* f *is approximately* -19.6 *when* $x \approx 1.15$.