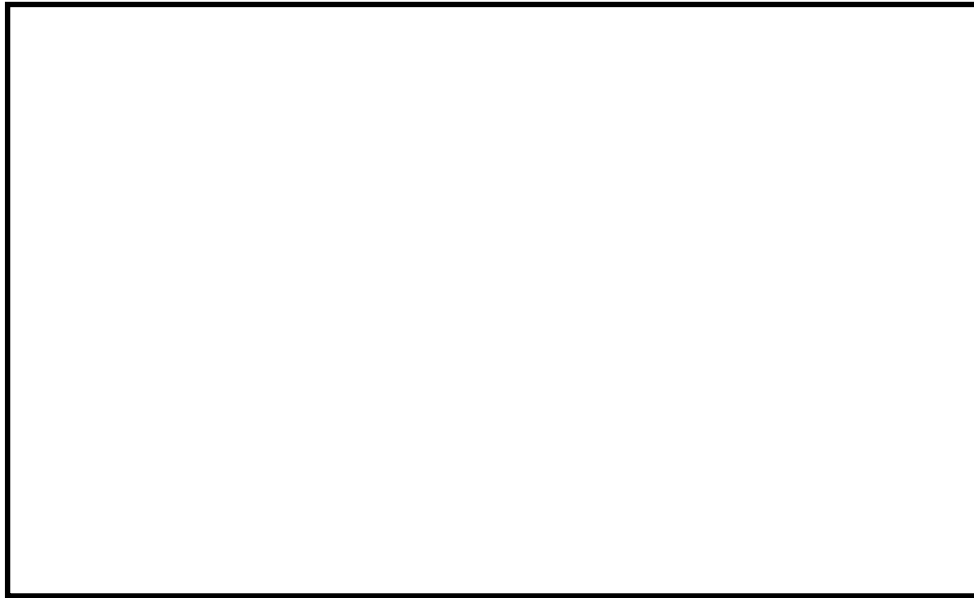


Name: _____ Date: _____
MAT1375 – Mr. Kan Graphing Calculator

Watch the video here: <https://youtu.be/l-rqTd0SYm4>
When you are done, answer the following questions.

Graph the function $f(x) = x^3 + 2x^2 - 10x - 13$ on a graphing calculator.

- 1) Draw a sketch of the full graph here, making sure you show all the roots, maxima, and minima. Include the viewing window that you used. You are allowed and encouraged to change the viewing window. In fact it might be necessary to see everything!



- 2) State the roots of $f(x)$.
- 3) State the local maxima of $f(x)$.
- 4) State the local minima of $f(x)$.