## Job #1:

Determine how to prove that a point on f(x) is a local maximum point using the derivative of f(x).

Write up a clear set of "rules" that someone could follow to determine where "maxima" are for a function using f'(x).

## Job #2:

Determine how to prove that a point on f(x) is a local maximum point using the second derivative of f(x). (it's OK to use the first derivative, too...but the second derivative must be needed/used)

Write up a clear set of "rules" that someone could follow to determine where "maxima" are for a function using f''(x).