Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 2 – 1 Polynomial CW Review

1. For $f\left(x\right)=-9x^{3}-2x^{2}+5x+3$, find

Roots:

Relative Minimum(s):

Relative Maximum(s):

In math, what does the word “INTERVAL” mean?

Intervals over which the function is Increasing/Decreasing:

Average Rate of Change over the interval $[1,3]$

(con’t on reverse side)

Sketch a graph of the function.