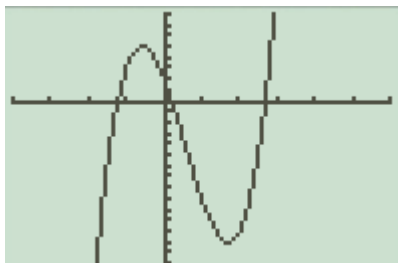


Pre-Calc AB Worksheet 25 : Answers

1. Note there are many windows that include all local maxima, minima, and zeros.



2. Local maximum: $(-0.588, 4.953)$
Local minimum: $(1.700, -13.011)$
3. Roots: $(-1.225, 0)$, $(0.202, 0)$, $(2.690, 0)$
4. y -intercept: $(0, 2)$
5. Intersection points: $(-1, 3)$, $(0.279, -0.838)$, $(2.387, -7.162)$
6. Window $-2 \leq x \leq 4$, $-15 \leq y \leq 8$

