



For the graph above, give the values of the following features:

1. Local maxima $y=4, x=0 \Rightarrow (0, 4)$ $(4, 0)$
2. Local minima $y=0, x=2 \Rightarrow (-4, 0)$ $(-2, -2)$
3. Absolute maximum *none or ∞*
4. Absolute minimum $y=-3$
5. Real zeros $x=-4, 1, 4$
6. If this is a polynomial function, what is the maximum degree possible?

5th - There are 4 "bumps" (extrema)