1. (3 Points) Sketch the graph of \( f(x) = e^x + e^{-x} \). Indicate any asymptotes, extrema points and inflection points.

2. (3 Points) Determine whether the function \( f(x) = x^4 - 6x^2 \) has a global maximum and/or minimum on the interval \([0, 2]\). What are these values?
3. (3 Points) Find the point on the graph of \( y = \sqrt{x} \) that is closest to the point \((1, 0)\).

4. (Bonus) (1 Point) Is 20 minutes enough time for this quiz?