1. Solve for \( x \): \( x^2 - 6x + 5 = 0 \)

2. If \( y = x^2 - 6x + 5 \) then \( y' = \)

3. Find the vertex of \( y = x^2 - 6x + 5 \)

4. Using the vertex and zeros above, sketch the graph of \( y = x^2 - 6x + 5 \)

5. Find the derivatives of \( f(x) = \frac{1}{x^2 - 2x} \) and \( g(x) = \frac{1}{x^3} \)