

No calculators are allowed on this quiz. Please read each question carefully, follow directions and clearly mark your solutions. **Show your work for full credit.**

1. Find the difference quotient of the function $f(x) = \sqrt{2x}$.

2. Determine if the graph given by the equation below is symmetric with respect to the x-axis, y-axis, and origin.

$$y = 4x$$

3. Sketch a graph of a function that is odd.