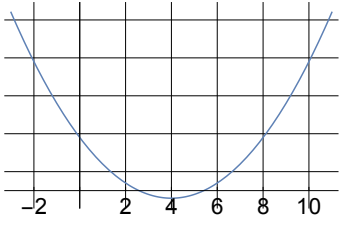
1. Let $f(x) = x^3 - 9x^2 + 24x + 5$.
   (a) Find all critical values of $f(x)$.
   (b) Use the First Derivative Test to classify each as a local max, local min, or neither.

2. The graph of $y = h(x)$ is shown below. Let $f(x) = h(x^2)$.
   (a) Find the critical values of $f(x)$
   (b) Find the intervals where $f(x)$ is increasing and decreasing



Graph of $y = h(x)$