
Name: _____

QUIZ 9

MATH 200, SECTION 1
April 9, 2021

1. Use either the first or second derivative test to find the local extrema of $f(x) = \frac{1}{3}x^3 - 2x^2 + 3x$.

2. Find the global extrema (i.e. absolute extrema) of $f(x) = 2\sqrt{x} - x$ on $(0, 4)$.