

King Fahd University of Petroleum and Minerals
Department of Mathematical Sciences
Math 101.06 Quiz VII Spring (042)

ID #: _____ NAME: _____

Serial # _____ Section #: _____

- Find the local linear approximation of $f(x) = \sqrt{1+x}$ at $x = 3$.
 - Approximate $\sqrt{4.2}$

- Find the point(s) on the graph of the equation $y^2 = x^2 - 4x + 7$ where the tangent is horizontal.