

Bronx Community College, CUNY

MTH30 Pre - Calculus

Quiz 8
(Section 2.2)

Name: _____

1. Does the graph of $f(x)=3x^2-10x+5$ **open up (upward)** or **down (downward)**?
Provide a brief explanation.

2. Find the vertex of the parabola for $f(x) = -4x^2+8x-3$

OVER



3. Let $f(x) = 3x^3 - 1$. Find x -intercepts and y -intercept of the graph of $f(x)$.