

MATH 133 – Calculus with Fundamentals 1
Quiz 1 – September 10, 2015

Your Name: _____

Directions

Do all work in the spaces provided below and on the back. There are 30 total points possible. You may use a calculator (but I don't think you will need one).

Questions

1) (10) Write the inequality $|x - 4| < 7$ in the form $a < x < b$ for some numbers a, b .

2) (10) What is the domain of the function $f(x) = \frac{\sqrt{x}}{x-5}$? You can express this in any correct form.

- 3) (10) Find the slope-intercept form of the equation of the line passing through the points $(2, 5)$ and $(4, 1)$.