

Name: _____

Math 1441 Quiz 1

1. (16 pts) Determine the domain of the function.

(1) $\frac{1}{3x - 2}$

(2) $\frac{x}{x^2 - 2x - 3}$

(3) $\sqrt{x - 1}$

(4) $\sqrt{4 - x^2}$

2. (4 pts) Find an equation for the line that passes through the point $(2, 4)$ and has slope 4. Find the y -intercept of the line.