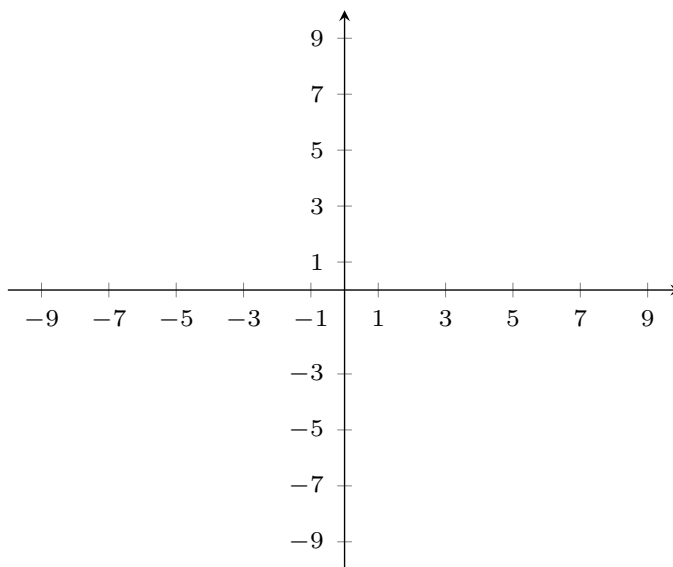# Quiz 1

Directions: Carefully read each question below and answer to the best of your ability in the space provided. You MUST show your work to receive full credit!

1. (9 points) Consider the function

$$f(x) = \begin{cases} -x^2, & x \le 1 \\ 3x - 4, & x > 1 \end{cases}$$

(a) Evaluate $f(1)$ and $f(3)$.

(b) Sketch a graph of $f(x)$.

(c) Find the domain and range of $f(x)$.

Name: _____

Section (circle one):   021   022   023   024

Question:	1	Total
Points:	9	9
Score:		