

This quiz is worth 10 points, and you have 10 minutes to complete it.

Calculators are NOT allowed today.

- 1.** (6 pts) Find the domain of the function $f(x)$ below. Show all work clearly, and write your answer in interval notation.

$$f(x) = \frac{1}{\sqrt{x-1}} - \frac{\sqrt{x}}{x-3}$$

- 2.** (4 pts) Assuming $f(x)$ is a linear function, fill in the table below.

x	1	3		7
$f(x)$	1	-5	-8	