

232 Quiz 4 10/3

Name: _____

This quiz is worth 10 points, and you have 10 minutes to complete it. Show all work in detail, and circle your final answer.

Calculators are NOT allowed today.

1. (5 pts) Find $\lim_{x \rightarrow 1^+} x^{\frac{1}{x-1}}$.

2. (5 pts) Find $\frac{d}{dx}(x^{\ln x})$.