

QUIZ 14

Name _____

1. Find $\lim_{x \rightarrow 1} \frac{x - 1}{\sqrt{x} - 1}$.

2. Find the equation of the line tangent to $f(x) = x \sin(x)$ at $a = \frac{\pi}{2}$.

3. Find the inflection points of $f(x) = x \ln(x)$.