

Name _____

You have 10 minutes for this quiz.

1. (2 points each) Find derivatives of each of the following functions. You should always use proper notation.

(a) $g(t) = (t^4 - 8t + 22)^6$

(b) $h = x^3 \cot x$

2. (3 points each) Find derivatives of each of the following functions. You should always use proper notation.

(a) $f(x) = \frac{\cos x}{x^2 + 5}$

(b) $W = (t^2 e^{-t})^3$