

Quiz 11

Name: _____

1. What are the derivatives of the following functions?

(a) $f(t) = \cos(t)$
 $f'(t) = -\sin(t)$

(c) $h(t) = e^t$
 $h'(t) = e^t$

(b) $g(x) = \sin(x)$
 $g'(x) = \cos(x)$

(d) $r(t) = t^2 e^t$
 $r'(t) = 2te^t + t^2 e^t$