

**Quiz #7: Monday, Oct 31**

Name: \_\_\_\_\_

Recitation R02 (M)

Find the derivative of each function below. Simplify your answers.

1.  $f(x) = x^3 e^{3x}$

2.  $g(t) = \frac{2t+3}{t+2}$

**Quiz #7: Monday, Oct 31**

Name: \_\_\_\_\_

Recitation R02 (M)

Find the derivative of each function below. Simplify your answers.

1.  $f(x) = \frac{1 - 2x}{x - 1}$

2.  $g(t) = t^3 e^{-t}$

**Quiz #7: Tuesday, Nov 1**

Name: \_\_\_\_\_

Recitation R04 (Tu)

Find the derivative of each function below. Simplify your answers.

1.  $f(x) = x^2e^{4x}$

2.  $g(t) = \frac{3t+1}{t+1}$

**Quiz #7: Tuesday, Nov 1**

Name: \_\_\_\_\_

Recitation R04 (Tu)

Find the derivative of each function below. Simplify your answers.

1.  $f(x) = \frac{4 - 3x}{x - 2}$

2.  $g(t) = t^2 \ln t$

**Quiz #7: Wednesday, Nov 2**

Name: \_\_\_\_\_

Recitation R03 (W)

Find the derivative of each function below. Simplify your answers.

1.  $f(x) = x^3 \ln x$

2.  $g(t) = \frac{3t - 1}{t + 2}$

**Quiz #7: Wednesday, Nov 2**

Name: \_\_\_\_\_

Recitation R03 (W)

Find the derivative of each function below. Simplify your answers.

1.  $f(x) = \frac{2x + 4}{x + 3}$

2.  $g(t) = t^4 e^{-t}$