

**“QUIZ” for Oct. 2, 2006**

**NAME:** (print!) \_\_\_\_\_ **Section:** \_\_\_\_\_

**E-MAIL ADDRESS:** (print!) \_\_\_\_\_

1. Use the chain rule to find  $\frac{\partial z}{\partial s}$  and  $\frac{\partial z}{\partial t}$  :

$$z = x^2y \quad , \quad x = 3s + t \quad , \quad y = st^2 \quad .$$