Review oh Calrulus

d C = ()
d X
c; constant

 $f(\chi) = C$ 

$$\frac{dx}{dx} = 1$$

$$\frac{d(2x)}{dx} = 2$$

$$\frac{d(2x)}{dx} = 2$$

$$\frac{d(2x)}{dx} = 3$$

$$\int (x) = x$$

$$f(x) = x^2$$

$$\frac{d^{2} 2^{2}}{d^{2} x^{2}} = 2 \cdot 2^{2} x^{2-1} = 4^{2} x$$

$$f(x) = \sqrt{x} = 2 \cdot 2^{2} x^{2-1} = 4^{2} x$$

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

$$\frac{\partial \ln(x)}{\partial x} = \frac{1}{x}$$

$$f(x_1, x_2) = \frac{x_1 + x_1 x_2 + x_2}{x_1 + x_2}$$

$$\frac{\partial f(x_1, x_2)}{\partial x_1} = 2x_1 + x_2$$

**Intermediate Microeconomics** 

Professor Galvez-Soriano (UH)

