

## Math 215 Homework 5

Find the first partial derivatives of the function  $f(x,t) = \sqrt{x} \ln(t)$

$$f_x(x,t) = \frac{1}{2}x^{-\frac{1}{2}} \ln(t)$$

$$f_t(x,t) = \sqrt{x} \frac{1}{t}$$