

MA 122: Reading Assignment 9

Read Section 14.1 through “Alternative Notation for Partial Derivatives” and 14.2, examples 1 and 2.

Let $f(x, y) = 3x + 4y^2$. Find $\frac{\partial}{\partial x}f(x, y)$ and $\frac{\partial}{\partial y}f(1, 3)$.