

# Math 3113 - Multivariable Calculus

Quiz #9 - 2006.03.25

Solutions

Match the following functions of two variables with their corresponding contour plots.

a)  $f(x, y) = \sin(x + y)$  is on the upper right.

b)  $f(x, y) = x + y$  is on the lower left.

c)  $f(x, y) = e^{-(x^2+y^2)}$  is on the upper left.

d)  $f(x, y) = x^2 + \frac{1}{4}y^2$  is on the lower right.

