

Match the following functions to the graphs:

$$a(x, y) = e^{-(x^2+y^2)}$$

$$b(x, y) = \frac{x^2-y^2}{x^2+y^2}$$

$$c(x, y) = x + y$$

$$d(x, y) = (\sin x)(\cos y)$$

$$e(x, y) = (y^2 - x^2)^4$$

$$f(x, y) = yx^2$$

