

YOUR NAME:

Maths21a, Summer 2005

Match the equations with the corresponding pictures of graphs.

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
$z = f(x, y) = 2x - y$															
$z = f(x, y) = 2x^2 + 3y^2$															
$z = f(x, y) = \sin(xy)$															
$z = f(x, y) = 1/(2 + 3x^2 + 2y^2)$															
$z = f(x, y) = y \sin(y)$															
$z = f(x, y) = x^2 - y^2$															
$z = f(x, y) = x^2 e^{-x^2 - y^2}$															
$z = f(x, y) = y $															
$z = f(x, y) = -\sqrt{1 - x^2 - y^2}$															
$z = f(x, y) = (x - y)/(x^2 + y^2)$															
$z = f(x, y) = \sin(x - y)$															
$z = f(x, y) = xy^2 $															
$z = f(x, y) = y^3$															
$z = f(x, y) = \sqrt{ x } - \sqrt{ y }$															
$z = f(x, y) = x^2$															

