

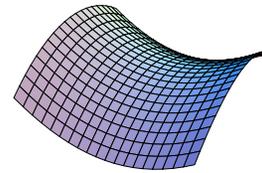
YOUR NAME:

Maths21a, Summer 2004

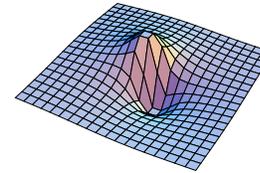
Match the equations with the corresponding pictures.

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

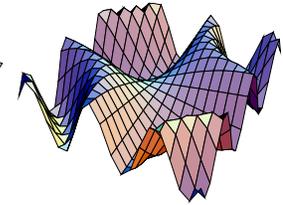
1



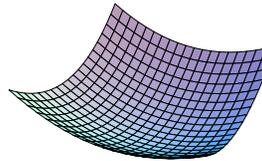
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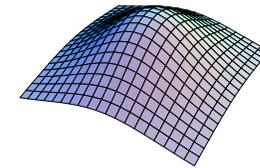
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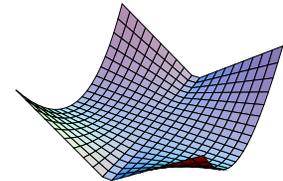
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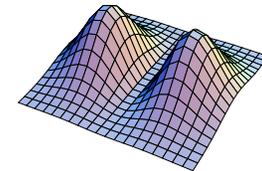
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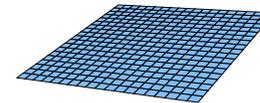
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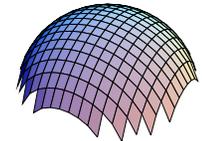
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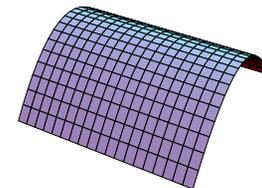
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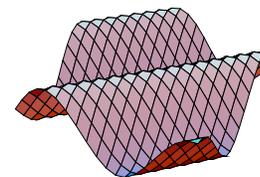
9



10



11



12

