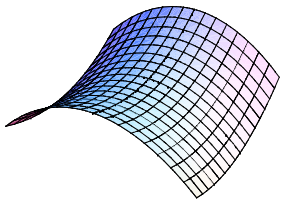
YOUR NAME: **Math21a, Fall 2008**

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
$z = f(x,y) = x^2 - 2y^2$	*														
$z = f(x,y) = \lvert x^2 - y^2 \rvert$						*									
$z = f(x,y) = (x+y)/(x-y)$												*			
$z = f(x,y) = y^2 e^{-x^2-y^2}$							*								
$z = f(x,y) = 3x - y$				*											
$z = f(x,y) = x^2 y^2$										*					
$z = f(x,y) = 2x^2 + 3y^2$					*										
$z = f(x,y) = \cos(xy)$			*												
$z = f(x,y) = x \sin(x)$									*						
$z = f(x,y) = x^4 - x^2/10$															*
$z = f(x,y) = \lvert x \rvert - \lvert y \rvert$													*		
$z = f(x,y) = \sqrt{1 - x^2 - 4y^2}$								*							
$z = f(x,y) = \sin(x-y) + x$											*				
$z = f(x,y) = 1/(x^2 - y^2)$		*													
$z = f(x,y) = 5y^3$														*	

1



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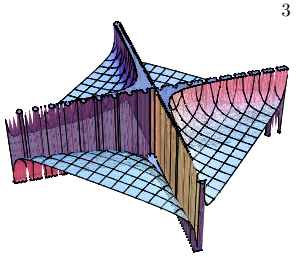

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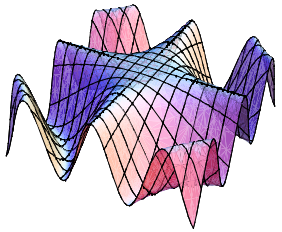

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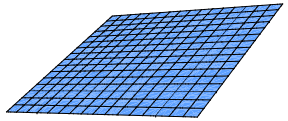

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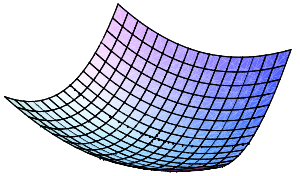

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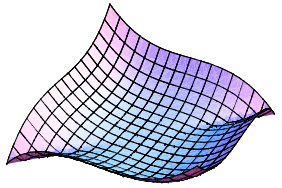

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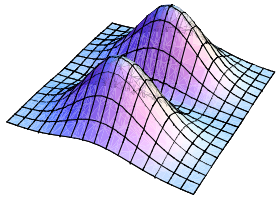

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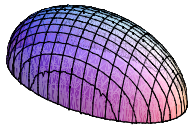

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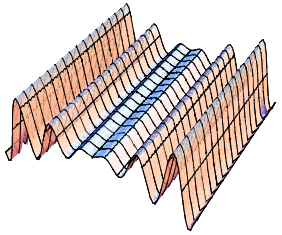

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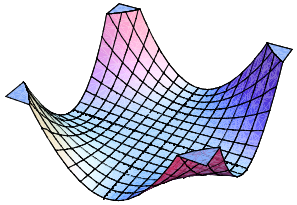

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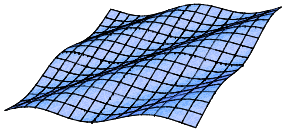

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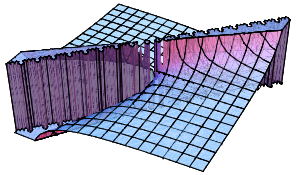

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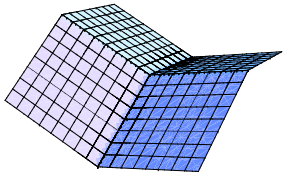

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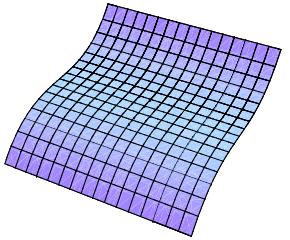

15