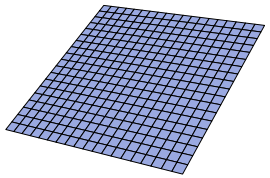
CONTEST II: YOUR NAME: **Maths21a, Summer 2006**

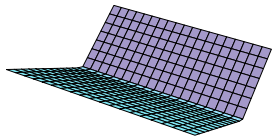
Match the equations with the corresponding pictures of graphs.

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

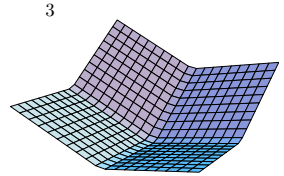
1



2



3



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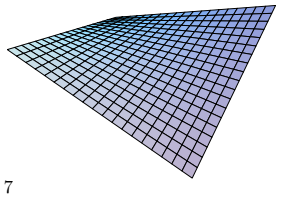
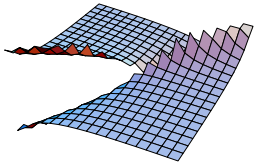


5



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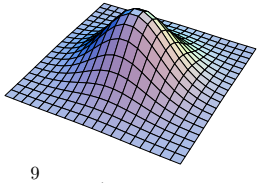
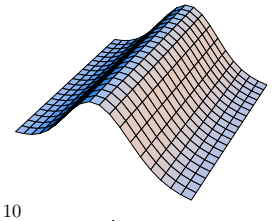
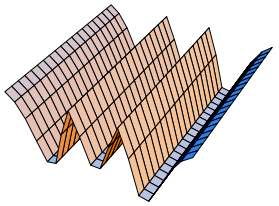


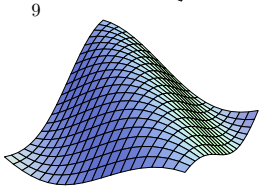
7



8



9



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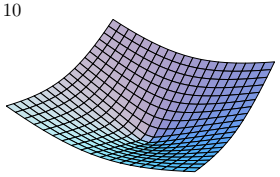
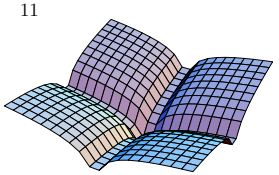
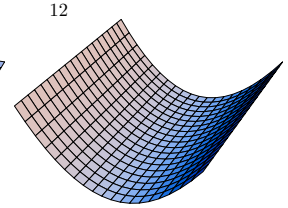


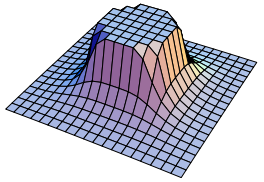
11



12



13



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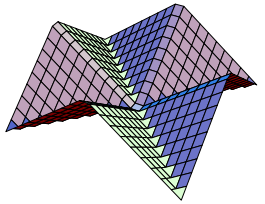

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