Match the graphs to the correct equations and the correct level sets. Then, name the shape.

Equations	Graphs	Level Sets
$(1) f(x,y) = x^2$	(a)	1.0 0.5 -0.5 -1.0 -1.0 -0.5 0.0 0.5 1.0
(2) $f(x,y) = x^2 + y^2$	(b)	0.5 y 0.0 -0.5 -1.0 -0.5 0.0 0.5 1.0
(3) $f(x,y) = x^2 - y^2$	(c)	1.0 0.5 0.0 -0.5 -1.0 -1.0 -0.5 0.0 0.5 1.0
(4) $f(x,y) = \sqrt{x^2 + y^2}$	1.5 1.0 0.5 0.0 -1.0 -0.5 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	(iv)