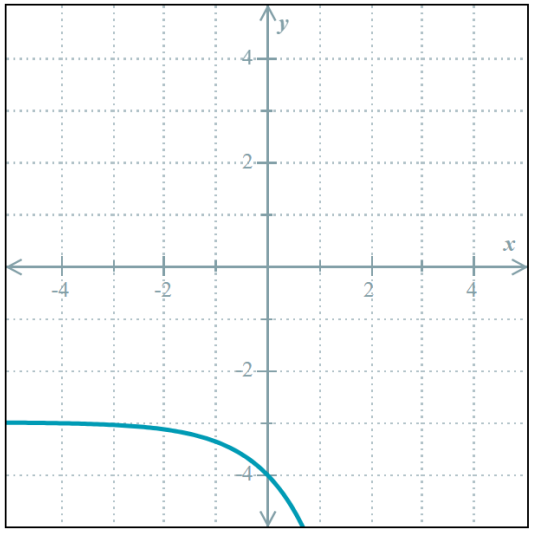
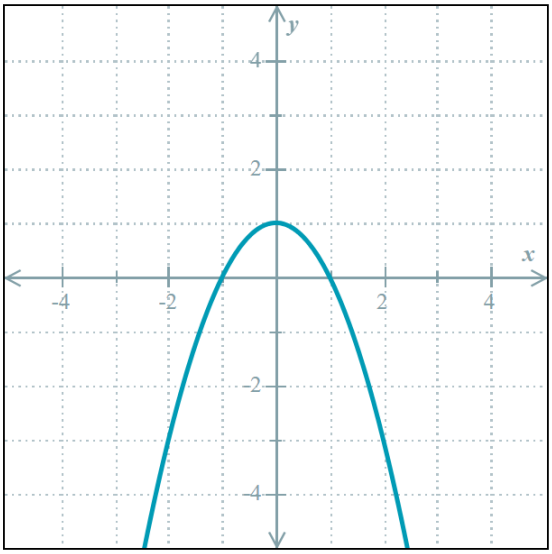
2.2 Intercepts

Graphically

	
Y-intercept: X-intercept(s):	Y-intercept: X-intercept(s):

Algebraically

To find y-intercept:	To find x-intercept:
$6x + 7y = -15$	
$-5x + 7y = 9$	

y-intercept	x-intercept
$4x^2 + 49y^2 = 9$	
$y^2 + x - 9 = 0$	
$x^2 + y = 4$	
$y = \frac{16 - x^2}{x^2 + 4}$	