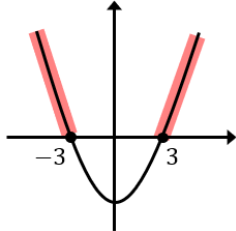
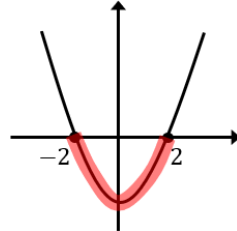
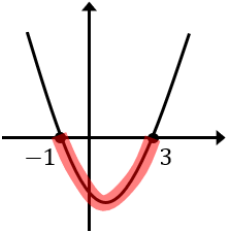
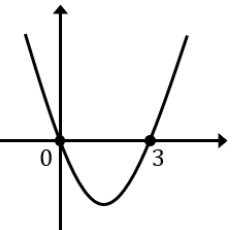
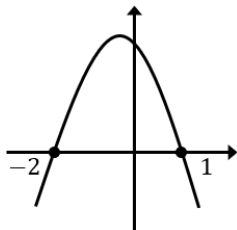
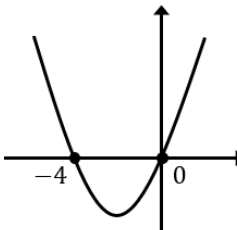
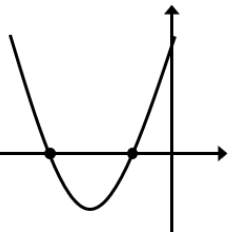
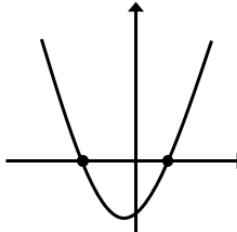
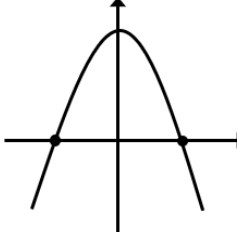
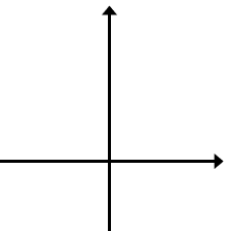
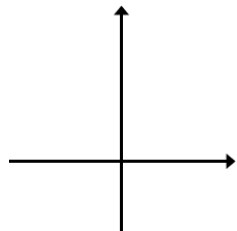
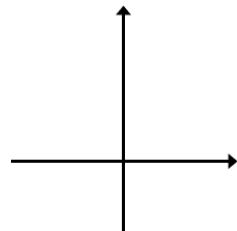


Solving Quadratic Inequalities

Use the partially completed quadratic sketches to solve the inequalities given:

(a)	(b)	(c)
		
$x^2 - 9 > 0$ $(x + 3)(x - 3) > 0$	$x^2 - 4 \leq 0$ $(x + 2)(x - 2) \leq 0$	$x^2 - 2x - 3 < 0$ $(x + 1)(x - 3) < 0$
(d)	(e)	(f)
		
$x^2 - 3x \geq 0$ $x(x - 3) \geq 0$	$2 - x - x^2 > 0$ $(2 + x)(1 - x) > 0$	$x^2 + 4x < 0$ $x(x + 4) < 0$
(g)	(h)	(i)
		
$x^2 + 7x + 10 \leq 0$ $(x + 5)(x + 2) \leq 0$	$x^2 + x - 6 \geq 0$ $(x + 3)(x - 2) \geq 0$	$16 - x^2 > 0$ $(4 + x)(4 - x) > 0$
(j)	(k)	(l)
		
$x^2 + 2x < 0$	$x^2 - 6x + 8 > 0$	$6 - x - x^2 \leq 0$