

Solving Inequalities Graphically

Use the graph to help solve each of these linear and quadratic inequalities.

	(a)	(b)
	$12 - 2x > \frac{1}{2}x + 6$	$6x - x^2 \leq 12 - 2x$
€	(d)	€
$\frac{1}{2}x + 6 \leq 6x - x^2$	$\frac{1}{4}x^2 + 4 > \frac{1}{2}x + 6$	$\frac{1}{4}x^2 + 4 \leq 6x - x^2$