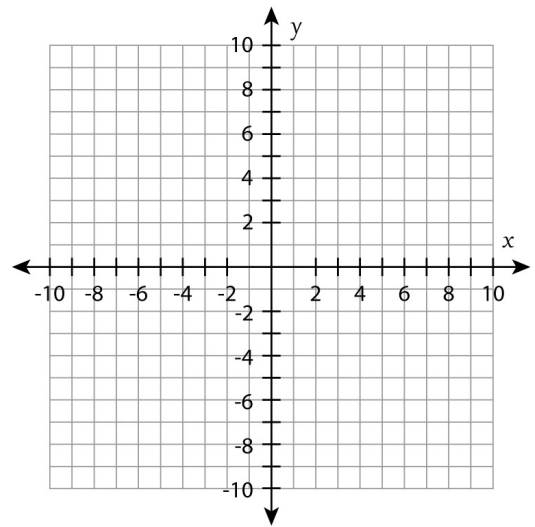


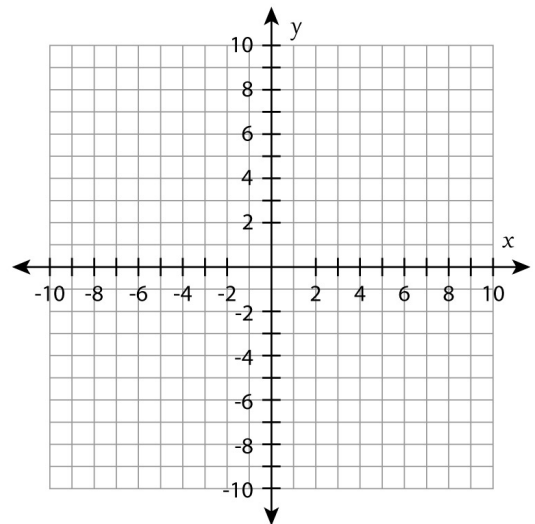
Solving Quadratic Inequalities

Solve and graph the given inequalities.

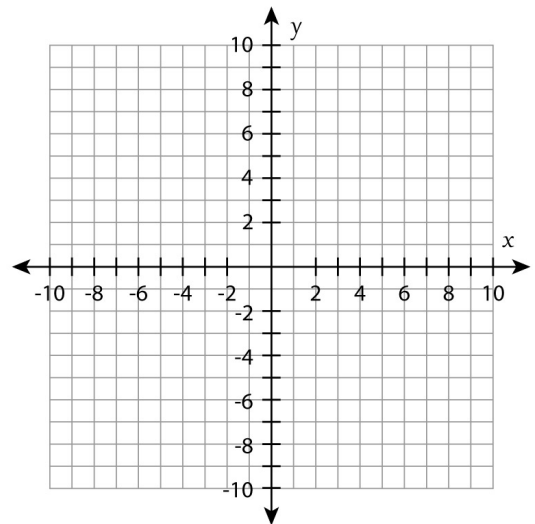
1 $x^2 + 2x - 35 > 0$



2 $x^2 > 4(8 - x)$



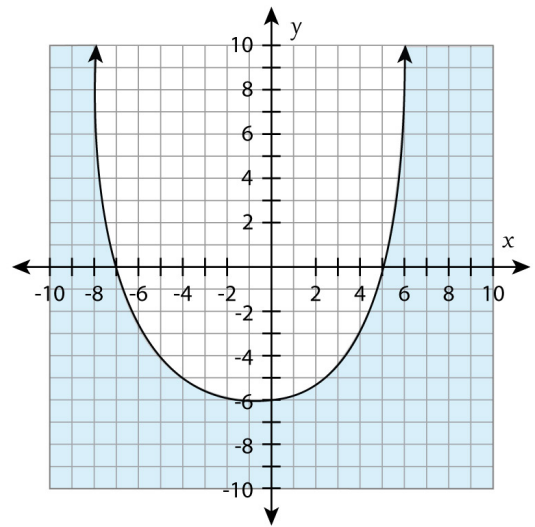
3 $x^2 - 5x + 6 \leq 0$



Solving Quadratic Inequalities

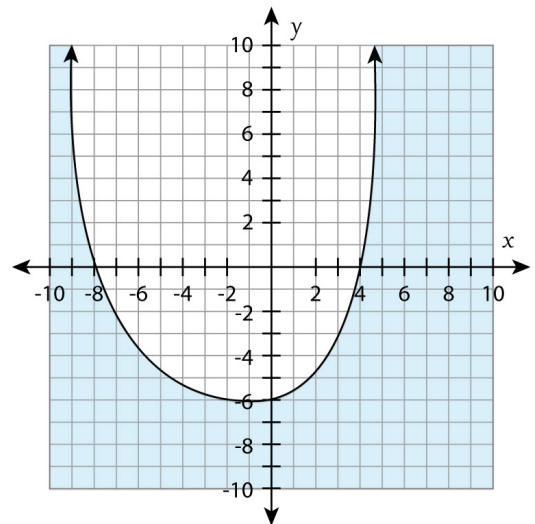
Answers.

1 $x^2 + 2x - 35 > 0$



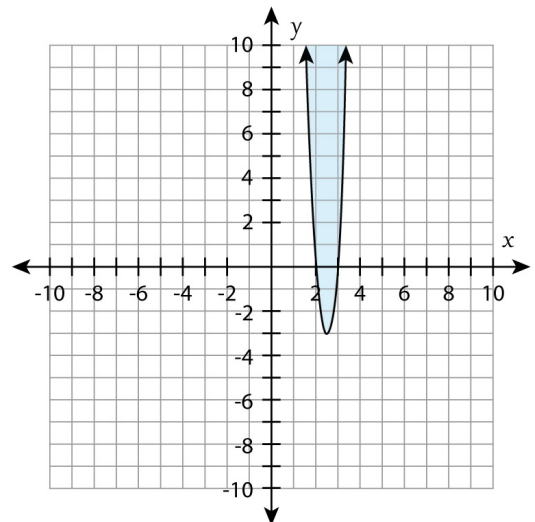
$x < -7$ or $x > 5$

2 $x^2 > 4(8 - x)$



$x < -8$ or $x > 4$

3 $x^2 - 5x + 6 \leq 0$



$2 \leq x \leq 3$