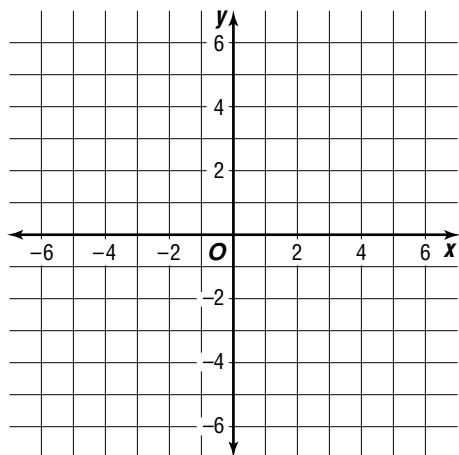


Practice

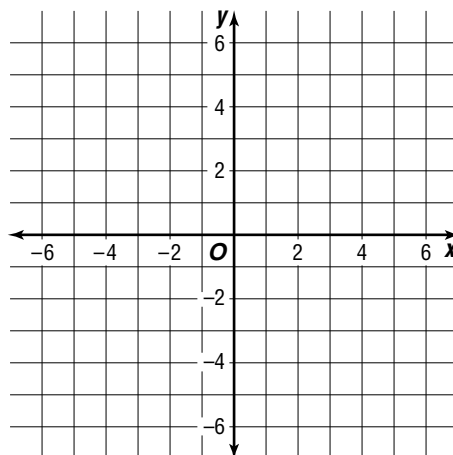
Solving Quadratic Equations by Graphing

Solve each equation by graphing. If exact roots cannot be found, state the consecutive integers between which the roots are located.

1. $x^2 - x - 6 = 0$

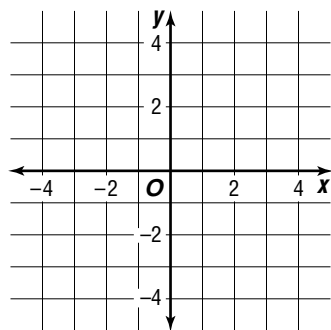


2. $-x^2 - x + 1 = 0$

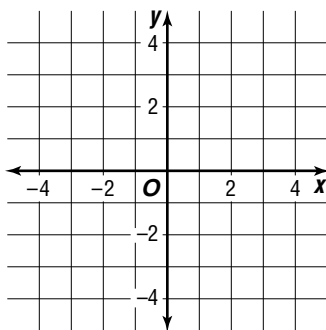


The roots of a quadratic equation are given. Graph the related quadratic function if it has the indicated maximum or minimum point.

3. roots: $-2, 0$
minimum point:
 $(-1, -1)$



4. roots: $-2, 2$
maximum point:
 $(0, 2)$



5. roots: $-3, -1$
maximum point:
 $(-2, 1)$

