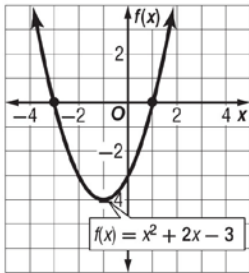


LT 3.4 Skills Practice

Solving Quadratic Equations By Graphing

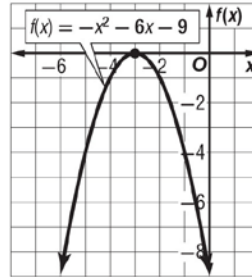
Use the related graph of each equation to determine its solutions. How many solutions does it have?

1. $x^2 + 2x - 3 = 0$



2 solution: $x = -3, 1$

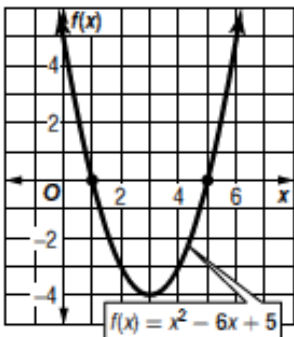
2. $-x^2 - 6x - 9 = 0$



1 solution: $x = -3$

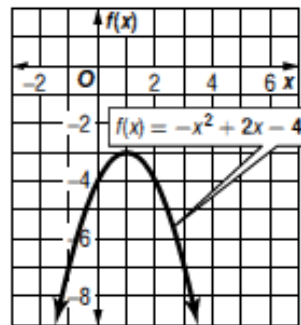
Solve each equation by graphing. How many solutions does it have?

3. $x^2 - 6x + 5 = 0$



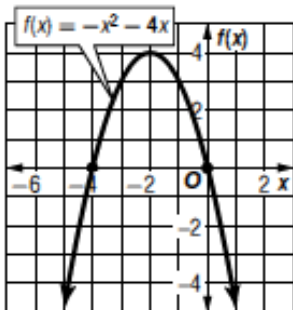
2 solutions: $x = 1, 5$

4. $-x^2 + 2x - 4 = 0$



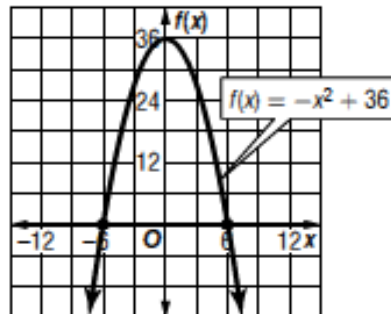
No solutions

5. $-x^2 - 4x = 0$



2 solutions: $x = 0, -4$

6. $-x^2 + 36 = 0$



2 solutions: $x = -6, 6$