

Sec P-5 Completing the Square

Solve each equation by completing the square. Simplify radicals when possible.

1) $x^2 - 6x - 14 = 0$

2) $m^2 - 4m - 46 = 0$

3) $m^2 - 14m - 23 = 0$

4) $x^2 + 2x - 1 = 0$

5) $x^2 + 10x - 55 = 0$

6) $m^2 - 4m - 20 = 0$