

Completing the Square

Set 6-2a

Solve the following equations for x by completing the square.

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

2) $x^2 - x - 2 = 0$

3) $x^2 - x - 20 = 0$

4) $x^2 - 13x + 42 = 0$

5) $2x^2 + 10x - 12 = 0$