

Extension Lesson 1 Test: Completing the Square

Show your work.

Determine the value of c that will form a perfect square trinomial.

1) $x^2 - 10x + c$

2) $x^2 + 3x + c$

Solve the equation by completing the square. Show all of your work.

3) $x^2 + 10x + 2 = 0$

CONTINUE 

Solve the equation by completing the square. Show all of your work.

4) $x^2 - 6x = 10$

5) $x^2 + 5x = -6$

A black octagonal sign with the word "STOP" written in white capital letters in the center.