

# Solving Equations by Completing the Square

scan for answers



Chapter 7: Worksheet 9

*Level 1 - Solve basic equations by Completing the Square*

*Level 2 - Solve equations involving fractions while Completing the Square*

*Level 3 - Solve by eliminating the algebraic fraction and then Completing the Square*

## Level 1

**Solve the following equations by completing the square.**

a) $x^2 + 6x + 5 = 0$	b)	c)
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## Level 2

**Solve the following equations by completing the square.**

a) $x^2 + 5x + 4 = 0$	b)	c)
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## Level 3

**Solve the following equations by completing the square.**

a) $x - \frac{1}{x} = 1$	b)
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