

Topic 6.3
Completing the Square
Classwork

Name: _____

Date: _____

Find the exact solution for each equation by completing the square.

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

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

3. $2x^2 + 10 - 5 = 0$

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

5. $3x^2 + x + 7x = 0$

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

7. $-3x^2 - 2x - 4 = 0$

8. $x^2 - 6x - 8 = 0$

9. $x^2 - 4x + 13 = 0$