

MS 100 - Work Sheet - Completing the Square

My name: _____

Complete the square for the following quadratics:

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

2. $x^2 + 4x - 32 = 0$

3. $x^2 + 8x = -14$

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

5. $9x^2 - 18x = -3$

6. $9x^2 - 12x = 14$

7. $ax^2 + bx + c = 0$