Practice: Writing Quadratics in Standard Form

For the following questions write the quadratic equations in standard form. This practice will be helpful for solving quadratic equations using various methods.

1. $x^2 - 2x - 12 = 4x$

2. $-4x^2 = 6x - 4x - 5$

3. $3x^2 - 5x + 6 = -4 + 5x$

4. $x^2 - 2x - 16 = 8x - 8$

5. $-6x^2 = 6x - 3x - 5$

6. $x^2 - 7x + 6 = 4x$

7. $-3x^2 = 4x + 2x + 8$

8. $2x^2 - 9x + 12 = 12 + 3x$