Name: _____   Date: _____   Period: _____

Solve each equation by Completing the Square.

1. $a^2 + 14a - 51 = 0$

2. $x^2 - 12x + 11 = 0$

3. $x^2 + 6x + 8 = 0$

4. $n^2 - 2n - 3 = 0$

5. $x^2 + 14x - 15 = 0$

6. $k^2 - 12k + 23 = 0$

7. $x^2 - 10x + 26 = 8$

8. $n^2 = 18n + 40$

9. $5k^2 = 60 - 20k$

10. $6x^2 - 48 = -12x$

11. $2a^2 = -6 + 8a$

12. $2x^2 = -4 + 8x$