Solving Quadratic Equations Using Factoring

Problems

Solve each of the following quadratic equations by factoring. Some equations may not factor.

1. $x^2 + 7x - 18 = 0$

2. $x^2 - 5x - 6 = 0$

3. $x^2 - 17x + 70 = 0$

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

5. $5x^2 + 75x = 0$

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

7. $x^2 - 81 = 0$

8. $x^2 + 3x - 1 = 4x + 5$

9. $2x - x^2 = 0$

10. $2x^2 + 3x - 18 = 0$