Quadratic Equations   Any Method

Algorithm
1.   **Try factoring first**
2.   **If you can not factor quickly, use the Quadratic Formula**
3.   **If the problem is set up as a binomial squared, then use x^2 Method or completing the square**

Solve each equation.

1. $x^2 - 9x - 10 = 0$

2. $2a^2 - 21a - 65 = 0$

3. $a^2 + 6a - 72 = 0$

4. $2x^2 - 13x - 24 = 0$

5. $x^2 + 5x - 150 = 0$

6. $x^2 - 21x + 108 = 0$

7. $m^2 - 169 = 0$

8. $9x^2 - 4 = 0$

9. $x^2 - 35x + 300 = 0$

10. $x^2 - 26x + 88 = 0$

11. $3x^2 - 5x + 2 = 0$

12. $t^2 + 23t - 132 = 0$

13. $5x^2 + 37x - 130 = 0$

14. $2n^2 + n - 28 = 0$

15. $4y^2 - 21y - 54 = 0$

16. $3c^2 + 8c = 3$

17. $x^2 = 121$

18. $2x^2 + 3x = 54$

19. $2m^2 + 5m = 42$

20. $m^2 = 8m + 9$

21. $2x^2 + 50 = 25x$

22. $m^2 + 13m = 30$

23. $4x^2 + 2x = 2$

24. $x^2 = 13x - 42$

25. $3x^2 = 75$