

Solving Quadratic Equations (A)

Name: _____

Date: _____

Solve each equation for x.

1. $-4x^2 + 30x + 54 = 0$

11. $-12x^2 + 12x + 45 = 0$

2. $-9x^2 + 15x + 84 = 0$

12. $8x^2 + 10x - 42 = 0$

3. $12x^2 - 52x - 40 = 0$

13. $-6x^2 + 51x - 108 = 0$

4. $3x^2 - 39x + 120 = 0$

14. $-2x^2 - 2x + 84 = 0$

5. $12x^2 - 36x + 15 = 0$

15. $9x^2 + 57x - 120 = 0$

6. $-16x^2 - 16x + 12 = 0$

16. $-12x^2 - 80x - 48 = 0$

7. $-20x^2 - 65x - 15 = 0$

17. $6x^2 - 21x + 9 = 0$

8. $10x^2 - 5x - 75 = 0$

18. $-15x^2 - 140x - 45 = 0$

9. $8x^2 + 76x + 168 = 0$

19. $3x^2 - 108 = 0$

10. $-10x^2 - 35x + 20 = 0$

20. $8x^2 - 24x + 10 = 0$