

Solving Quadratic Equations (J)

Name: _____

Date: _____

Solve each equation for x.

1. $-3x^2 + 6x + 45 = 0$

11. $4x^2 + 52x + 168 = 0$

2. $2x^2 - 22x + 48 = 0$

12. $-4x^2 + 28x - 24 = 0$

3. $-4x^2 + 4x + 24 = 0$

13. $3x^2 - 18x - 21 = 0$

4. $-2x^2 - 24x - 70 = 0$

14. $-5x^2 + 20x + 160 = 0$

5. $3x^2 - 27x + 60 = 0$

15. $3x^2 - 15x - 42 = 0$

6. $-2x^2 + 6x + 20 = 0$

16. $3x^2 + 36x + 108 = 0$

7. $2x^2 - 12x - 54 = 0$

17. $2x^2 - 14x + 24 = 0$

8. $-3x^2 - 9x - 6 = 0$

18. $-4x^2 + 36x - 32 = 0$

9. $2x^2 + 32x + 126 = 0$

19. $-3x^2 + 33x - 54 = 0$

10. $-2x^2 - 18x - 16 = 0$

20. $3x^2 + 27x + 54 = 0$