

Solving Quadratic Equations (E)

Name: _____

Date: _____

Solve each equation for x.

1. $-4x^2 + 18x + 70 = 0$

11. $-25x^2 + 230x - 45 = 0$

2. $-15x^2 - 72x - 48 = 0$

12. $4x^2 + 20x + 24 = 0$

3. $-20x^2 - 160x - 315 = 0$

13. $-10x^2 + 65x - 90 = 0$

4. $20x^2 - 64x + 12 = 0$

14. $12x^2 + 44x - 16 = 0$

5. $16x^2 - 100x + 144 = 0$

15. $16x^2 - 128x + 252 = 0$

6. $-4x^2 - 64x - 256 = 0$

16. $4x^2 - 6x - 28 = 0$

7. $6x^2 + 21x - 27 = 0$

17. $-4x^2 + 8x + 12 = 0$

8. $12x^2 - 52x + 48 = 0$

18. $2x^2 + 6x - 108 = 0$

9. $4x^2 + 26x - 90 = 0$

19. $-2x^2 + 12x + 32 = 0$

10. $6x^2 + 20x + 6 = 0$

20. $-6x^2 - 57x - 27 = 0$