

Solving Quadratic Equations (F)

Name: _____

Date: _____

Solve each equation for x.

1. $12x^2 + 12x - 45 = 0$

11. $-8x^2 - 30x + 108 = 0$

2. $6x^2 + 69x + 135 = 0$

12. $-8x^2 - 20x + 168 = 0$

3. $10x^2 + 28x - 48 = 0$

13. $10x^2 + 15x - 135 = 0$

4. $20x^2 - 80x + 75 = 0$

14. $-8x^2 + 8x + 30 = 0$

5. $20x^2 + 76x + 72 = 0$

15. $-12x^2 + 27x + 84 = 0$

6. $15x^2 + 69x - 126 = 0$

16. $-25x^2 + 30x + 40 = 0$

7. $9x^2 + 39x + 36 = 0$

17. $10x^2 + 74x + 84 = 0$

8. $8x^2 - 54x + 70 = 0$

18. $-25x^2 - 55x + 60 = 0$

9. $-4x^2 + 42x - 54 = 0$

19. $-4x^2 + 324 = 0$

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

20. $15x^2 + 70x + 40 = 0$