

Solving Quadratic Equations (A)

Name: _____

Date: _____

Solve each equation for x.

1. $-20x^2 - 56x - 32 = 0$

11. $-8x^2 - 50x - 72 = 0$

2. $54x^2 - 153x - 126 = 0$

12. $21x^2 - 140x - 441 = 0$

3. $-56x^2 + 497x - 392 = 0$

13. $30x^2 + 145x - 210 = 0$

4. $-16x^2 - 168x - 392 = 0$

14. $7x^2 - 105x + 392 = 0$

5. $-40x^2 - 85x - 45 = 0$

15. $-30x^2 - 115x + 90 = 0$

6. $-15x^2 - 10x + 5 = 0$

16. $-45x^2 + 162x - 81 = 0$

7. $81x^2 - 288x + 135 = 0$

17. $-64x^2 + 80x + 504 = 0$

8. $-36x^2 + 102x + 168 = 0$

18. $-16x^2 - 32x + 20 = 0$

9. $24x^2 + 56x + 32 = 0$

19. $-27x^2 + 75x + 18 = 0$

10. $-42x^2 - 245x - 343 = 0$

20. $-30x^2 - 85x - 60 = 0$