

Solving Quadratic Equations (H)

Name: _____

Date: _____

Solve each equation for x.

1. $2x^2 - 14x - 36 = 0$

11. $-4x^2 + 36x - 80 = 0$

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

12. $3x^2 + 12x + 9 = 0$

3. $-4x^2 - 28x - 40 = 0$

13. $-4x^2 - 4x + 224 = 0$

4. $5x^2 + 60x + 160 = 0$

14. $4x^2 - 100 = 0$

5. $5x^2 - 35x - 40 = 0$

15. $-5x^2 - 20x - 15 = 0$

6. $-5x^2 + 5x + 210 = 0$

16. $4x^2 - 256 = 0$

7. $5x^2 - 20 = 0$

17. $-2x^2 + 22x - 36 = 0$

8. $2x^2 + 4x - 48 = 0$

18. $2x^2 - 6x + 4 = 0$

9. $-5x^2 - 70x - 240 = 0$

19. $5x^2 + 5x - 30 = 0$

10. $-4x^2 - 8x + 140 = 0$

20. $3x^2 - 42x + 147 = 0$