

Solving Quadratic Equations (C)

Name: _____

Date: _____

Solve each equation for x.

$$1. \ -2x^2 + 50 = 0$$

$$11. \ 4x^2 - 100 = 0$$

$$2. \ -5x^2 + 60x - 160 = 0$$

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

$$3. \ -3x^2 - 24x - 45 = 0$$

$$13. \ -4x^2 - 12x + 216 = 0$$

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

$$14. \ 5x^2 - 40x - 45 = 0$$

$$5. \ 2x^2 + 4x - 126 = 0$$

$$15. \ 4x^2 - 64x + 252 = 0$$

$$6. \ -2x^2 + 32x - 126 = 0$$

$$16. \ 3x^2 + 45x + 168 = 0$$

$$7. \ 2x^2 - 6x - 36 = 0$$

$$17. \ -2x^2 - 4x + 30 = 0$$

$$8. \ -5x^2 - 35x + 40 = 0$$

$$18. \ -3x^2 + 39x - 120 = 0$$

$$9. \ 4x^2 - 36x + 56 = 0$$

$$19. \ -3x^2 - 6x + 45 = 0$$

$$10. \ -4x^2 + 64x - 256 = 0$$

$$20. \ -2x^2 + 8x + 10 = 0$$

