

Solving Quadratic Equations (E)

Solve each equation for x

$$1. \quad 21x^2 + 45x - 24 = 30$$

$$7. \quad 81x^2 + 18x - 14 = 1$$

$$2. \quad 36x^2 - 12x - 1 = 7$$

$$8. \quad 63x^2 + 10x - 7 = 1$$

$$3. \quad 20x^2 + 7x - 48 = 1$$

$$9. \quad 9x^2 + 70x + 8 = -41$$

$$4. \quad 56x^2 - 82x + 23 = -7$$

$$10. \quad 2x^2 + 14x + 4 = -20$$

$$5. \quad 63x^2 - 33x - 3 = 3$$

$$11. \quad 4x^2 + 18x - 20 = 16$$

$$6. \quad 28x^2 + 84x + 50 = -6$$

$$12. \quad x^2 - 3x - 10 = 30$$