

Solving Quadratic Equations (G)

Solve each equation for x

$$1. \quad 3x^2 + 18x + 3 = -24$$

$$7. \quad 6x^2 - 2x - 30 = 18$$

$$2. \quad 24x^2 - 18x - 5 = 1$$

$$8. \quad 36x^2 - 10x - 2 = 2$$

$$3. \quad 16x^2 - 32x - 6 = 3$$

$$9. \quad 48x^2 - 48x + 5 = -7$$

$$4. \quad 6x^2 + 63x + 52 = -29$$

$$10. \quad 9x^2 + 15x - 25 = 11$$

$$5. \quad 36x^2 + 34x - 21 = 9$$

$$11. \quad 9x^2 + 42x + 31 = -17$$

$$6. \quad 56x^2 - 50x = -6$$

$$12. \quad 40x^2 + 21x - 8 = 41$$