

## Solving Quadratic Equations (A)

Solve each equation for  $x$ .

$$1. \quad 2x^2 + 16x + 32 = 0$$

$$7. \quad 2x^2 + 10x + 28 = 0$$

$$2. \quad 2x^2 + 17x + 35 = 0$$

$$8. \quad x^2 + 2x - 48 = 0$$

$$3. \quad 4x^2 - 32x + 64 = 0$$

$$9. \quad x^2 + 7x + 12 = 0$$

$$4. \quad 4x^2 + 22x + 30 = 0$$

$$10. \quad x^2 + 14x + 49 = 0$$

$$5. \quad 2x^2 + 15x + 7 = 0$$

$$11. \quad 4x^2 + 14x - 8 = 0$$

$$6. \quad 4x^2 + 10x - 24 = 0$$

$$12. \quad 2x^2 - 3x + 1 = 0$$