

Löse die folgenden quadratischen Gleichungen $ax^2 + bx + c = 0$

$$-6x^2 - 84x - 288 = 0$$

$$x_1 = -8, \quad x_2 = -6$$

$$-9.5x^2 + 47.5x + 342 = 0$$

$$x_1 = -4, \quad x_2 = 9$$

$$-2x^2 + 14x + 36 = 0$$

$$x_1 = -2, \quad x_2 = 9$$

$$-9x^2 - 108x - 315 = 0$$

$$x_1 = -7, \quad x_2 = -5$$

$$-x^2 - 17x - 72 = 0$$

$$x_1 = -9, \quad x_2 = -8$$

$$3x^2 - 75 = 0$$

$$x_1 = -5, \quad x_2 = 5$$

$$6x^2 - 30x = 0$$

$$x_1 = 0, \quad x_2 = 5$$

$$4.5x^2 + 72x + 283.5 = 0$$

$$x_1 = -9, \quad x_2 = -7$$

$$-9x^2 - 126x - 441 = 0$$

$$x_1 = -7, \quad x_2 = -7$$

$$5.5x^2 - 11x - 192.5 = 0$$

$$x_1 = -5, \quad x_2 = 7$$

$$-5.5x^2 + 82.5x - 297 = 0$$

$$x_1 = 6, \quad x_2 = 9$$

$$-0.5x^2 - x + 40 = 0$$

$$x_1 = -10, \quad x_2 = 8$$

$$0.5x^2 - x - 4 = 0$$

$$x_1 = -2, \quad x_2 = 4$$

$$-8.5x^2 - 8.5x = 0$$

$$x_1 = -1, \quad x_2 = 0$$

$$-2x^2 - 8x + 24 = 0$$

$$x_1 = -6, \quad x_2 = 2$$

$$4x^2 + 28x = 0$$

$$x_1 = -7, \quad x_2 = 0$$

$$2.5x^2 - 40x + 150 = 0$$

$$x_1 = 6, \quad x_2 = 10$$

$$10x^2 - 70x - 180 = 0$$

$$x_1 = -2, \quad x_2 = 9$$

$$4.5x^2 - 13.5x - 126 = 0$$

$$x_1 = -4, \quad x_2 = 7$$

$$-8.5x^2 + 25.5x + 595 = 0$$

$$x_1 = -7, \quad x_2 = 10$$