

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

$$-0.5x^2 - 2x + 22.5 = 0$$

$$x_1 = -9, \quad x_2 = 5$$

$$-3x^2 + 42x - 144 = 0$$

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

$$-7x^2 - 56x + 140 = 0$$

$$x_1 = -10, \quad x_2 = 2$$

$$7x^2 - 14x - 245 = 0$$

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

$$-4x^2 + 4x + 24 = 0$$

$$x_1 = -2, \quad x_2 = 3$$

$$3x^2 - 12x - 180 = 0$$

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

$$5x^2 + 10x - 40 = 0$$

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

$$4x^2 + 8x - 96 = 0$$

$$x_1 = -6, \quad x_2 = 4$$

$$x^2 + 5x - 24 = 0$$

$$x_1 = -8, \quad x_2 = 3$$

$$-2x^2 - 18x + 20 = 0$$

$$x_1 = -10, \quad x_2 = 1$$

$$10x^2 + 90x + 180 = 0$$

$$x_1 = -6, \quad x_2 = -3$$

$$-9x^2 - 9x + 270 = 0$$

$$x_1 = -6, \quad x_2 = 5$$

$$-10x^2 + 70x - 100 = 0$$

$$x_1 = 2, \quad x_2 = 5$$

$$5.5x^2 + 38.5x + 66 = 0$$

$$x_1 = -4, \quad x_2 = -3$$

$$4x^2 + 36x + 80 = 0$$

$$x_1 = -5, \quad x_2 = -4$$

$$8x^2 + 88x + 224 = 0$$

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

$$-4.5x^2 - 9x + 157.5 = 0$$

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

$$-7.5x^2 - 135x - 607.5 = 0$$

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

$$4.5x^2 - 4.5x - 90 = 0$$

$$x_1 = -4, \quad x_2 = 5$$

$$7.5x^2 + 60x - 150 = 0$$

$$x_1 = -10, \quad x_2 = 2$$