

Löse die folgenden linearen Gleichungen $a(bx + c) = d(ex + f)$

$$-8(2x - 5) = 4(8x - 50)$$

$$x = 5$$

$$2(3x - 78) = 4(-3x + 6)$$

$$x = 10$$

$$2(5x + 1) = -(9x - 154)$$

$$x = 8$$

$$-2(-10x + 5) = (7x + 3)$$

$$x = 1$$

$$6(9x + 9) = 10(6x + 0)$$

$$x = 9$$

$$-4(5x + 5) = -(4x + 52)$$

$$x = 2$$

$$10(2x + 25) = 5(10x + 8)$$

$$x = 7$$

$$3(8x + 6) = (10x + 4)$$

$$x = -1$$

$$-2(2x - 275) = 10(5x + 1)$$

$$x = 10$$

$$2(x + 20) = 2(3x + 4)$$

$$x = 8$$

$$8(-2x + 2) = 8(x - 16)$$

$$x = 6$$

$$(-5x + 10) = 10(3x + 1)$$

$$x = 0$$

$$-3(7x + 4) = (2x - 242)$$

$$x = 10$$

$$6(5x - 1) = -(8x + 6)$$

$$x = 0$$

$$-3(9x - 72) = 9(2x - 6)$$

$$x = 6$$

$$-4(5x - 61) = 6(4x + 4)$$

$$x = 5$$

$$7(3x + 4) = -4(9x + 107)$$

$$x = -8$$

$$10(-7x + 2) = -5(-7x + 122)$$

$$x = 6$$

$$5(10x + 100) = 10(9x + 10)$$

$$x = 10$$

$$6(6x + 24) = 9(6x + 10)$$

$$x = 3$$