

$$3x + 5 = 20 \quad | -5$$

$$3x = 15 \quad | :3$$

$$x = 5$$

$$23 = 7x + 2 \quad | -2$$

$$21 = 7x \quad | :7$$

$$3 = x$$

$$5x - 10 = 3x - 8 \quad | -3x$$



$$2x - 10 = -8 \quad | +10$$

$$2x = 2 \quad | :2$$

$$x = 1$$

$$3x + 12 = 7x + 4 \quad | -3x$$



$$12 = 4x + 4 \quad | -4$$

$$8 = 4x$$

$$2 = x$$

$$3x + 4x = 63$$

$$7x = 63 \quad | :7$$

$$x = 9$$



$$\underbrace{11x - 7x} + 2 = 34$$

$$4x$$

$$+ 2 = 34 \quad | -2$$

$$4x = 32 \quad | :4$$

$$x = 8$$

$$\boxed{4x} + \boxed{13} + \boxed{7x} + \boxed{7} = 130$$

$$\underline{11x} + \underline{20} = 130 \quad | -20$$

$$11x = 110 \quad | :11$$

$$x = 10$$

④

$$9(x-2) = 81$$

$$9x - 18 = 81 \quad | +18$$

$$9x = 99 \quad | :9$$

$$x = 11$$

Vorzeichen
beachten!

Lösungen
zu Nr. 4:

$$16 \quad 12$$

$$11 \quad 10$$

$$8 \quad 11$$

⑤

$$7(x+5) + 2(x-6) = 209$$

$$\underline{7x} + \underline{35} + \underline{2x} - \underline{12} = 209$$

...

(?)