

M**Gleichungen ohne Brüche****L**

$$1) \quad 7(x - 7) = 21$$

V

$$7x - 49 = 21$$

+ 49

$$7x = 70$$

: 7

$$\underline{\underline{x = 10}}$$

Probe

$$70 - 49 = 21$$

$$2) \quad 4,18 + 2,7x = 11,2$$

- 4,18

$$2,7x = 7,02$$

: 2,7

$$\underline{\underline{x = 2,6}}$$

Probe

$$4,18 + 7,02 = 11,2$$

$$3) \quad 12,3 + 3(x - 0,9) = 0,5x - 11,3$$

V

$$12,3 + 3x - 2,7 = 0,5x - 11,3$$

V

$$9,6 + 3x = 0,5x - 11,3$$

- 9,6

$$3x = 0,5x - 20,9$$

- 0,5x

$$2,5x = -20,9$$

: 2,5

$$\underline{\underline{x = -8,36}}$$

Probe

$$12,3 - 25,08 - 2,7 = 4,18 - 11,3$$

$$-15,48 = -15,48$$