

Gleichungen
auflösen

$$100 - (25 - 5v) = 300$$

$$100 - (25 - 5v) = 300$$

$$100 - 25 + 5v = 300$$

$$75 + 5v = 300$$

$$5v = 225$$

$$v = 45$$

Kontrolle:

$$100 - (25 - 5 \cdot 45) = 300$$

$$100 - 25 + 225 = 300$$

v

v

- 75

: 5

$$(8 + 4)b = 6 \cdot 24$$

$$(8 + 4)b = 6 \cdot 24$$

$$12b = 144$$

$$b = 12$$

v
: 12

Kontrolle

$$(8 + 4) \cdot 12 = 6 \cdot 24$$

$$12 \cdot 12 = 144$$

$$5 (2x + 3) = 100 - 3 \cdot 5$$

$$5 (2x + 3) = 100 - 3 \cdot 5$$

$$10x + 15 = 85$$

$$10x = 70$$

$$x = 7$$

Kontrolle

$$5 (2 \cdot 7 + 3) = 100 - 3 \cdot 5$$

$$5 \cdot 17 = 85$$

v

- 15

: 10

$$(66 + 22x) : 2 = 11^2$$

$$(66 + 22x) : 2 = 11^2$$

$$33 + 11x = 121$$

$$11x = 88$$

$$x = 8$$

Kontrolle:

$$(66 + 22 \cdot 8) : 2 = 11^2$$

$$242 : 2 = 121$$

$$\begin{array}{r} \vee \\ - 33 \\ : 11 \end{array}$$