Datum: 08.06.2023

Tägliche Übungen

a)	$y : 2 = 6$	b)	$y : 9 = 5$
c)	$b : 7 = 7$	d)	$y : 4 = 7$
e)	$3 \cdot b = 33$	f)	$5 \cdot a = 10$
g)	$9 \cdot a = 27$	h)	$a : 6 = 8$
i)	$3 \cdot x = 33$	j)	$x : 5 = 10$
k)	$7 \cdot x = 49$	l)	$y : 8 = 10$
m)	$b : 2 = 2$	n)	$4 \cdot x = 32$
o)	$a : 2 = 4$	p)	$a : 11 = 6$
q)	$3 \cdot x = 36$	r)	$11 \cdot a = 22$
s)	$y : 9 = 11$	t)	$y : 6 = 3$
u)	$11 \cdot a = 55$	v)	$11 \cdot a = 88$
w)	$6 \cdot a = 30$	x)	$2 \cdot x = 14$
y)	$8 \cdot y = 56$	z)	$a : 8 = 12$

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Lösungen Tägliche Übungen

a)

$$\frac{y}{2} = 6 \quad | \cdot 2$$
$$y = 12$$

Probe:
$$\frac{y}{2} = 6$$
$$\frac{(12)}{2} = 6$$
$$6 = 6$$
$$6 = 6$$

b)

$$\frac{y}{9} = 5 \quad | \cdot 9$$
$$y = 45$$

Probe:
$$\frac{y}{9} = 5$$
$$\frac{(45)}{9} = 5$$
$$5 = 5$$
$$5 = 5$$

c)

$$\frac{b}{7} = 7 \quad | \cdot 7$$
$$b = 49$$

Probe:
$$\frac{b}{7} = 7$$
$$\frac{(49)}{7} = 7$$
$$7 = 7$$
$$7 = 7$$

d)

$$\frac{y}{4} = 7 \quad | \cdot 4$$
$$y = 28$$

Probe:
$$\frac{y}{4} = 7$$
$$\frac{(28)}{4} = 7$$
$$7 = 7$$
$$7 = 7$$

e)

$$3 \cdot b = 33 \quad |: (3)$$
$$b = 11$$

Probe:
$$3 \cdot b = 33$$
$$3 \cdot (11) = 33$$
$$33 = 33$$
$$33 = 33$$

f)

$$5 \cdot a = 10 \quad |: (5)$$
$$a = 2$$

Probe:
$$5 \cdot a = 10$$
$$5 \cdot (2) = 10$$
$$10 = 10$$
$$10 = 10$$

g)

$$9 \cdot a = 27 \quad |: (9)$$
$$a = 3$$

Probe:
$$9 \cdot a = 27$$
$$9 \cdot (3) = 27$$
$$27 = 27$$
$$27 = 27$$

h)

$$\frac{a}{6} = 8 \quad | \cdot 6$$
$$a = 48$$

Probe:
$$\frac{a}{6} = 8$$
$$\frac{(48)}{6} = 8$$
$$8 = 8$$
$$8 = 8$$

i)

$$\begin{aligned} 3 \cdot x &= 33 \quad |: (3) \\ x &= 11 \end{aligned}$$

Probe:
$$\begin{aligned} 3 \cdot x &= 33 \\ 3 \cdot (11) &= 33 \\ 33 &= 33 \\ 33 &= 33 \end{aligned}$$

j)

$$\begin{aligned} \frac{x}{5} &= 10 \quad | \cdot 5 \\ x &= 50 \end{aligned}$$

Probe:
$$\begin{aligned} \frac{x}{5} &= 10 \\ \frac{(50)}{5} &= 10 \\ 10 &= 10 \\ 10 &= 10 \end{aligned}$$

k)

$$\begin{aligned} 7 \cdot x &= 49 \quad |: (7) \\ x &= 7 \end{aligned}$$

Probe:
$$\begin{aligned} 7 \cdot x &= 49 \\ 7 \cdot (7) &= 49 \\ 49 &= 49 \\ 49 &= 49 \end{aligned}$$

l)

$$\begin{aligned} \frac{y}{8} &= 10 \quad | \cdot 8 \\ y &= 80 \end{aligned}$$

Probe:
$$\begin{aligned} \frac{y}{8} &= 10 \\ \frac{(80)}{8} &= 10 \\ 10 &= 10 \\ 10 &= 10 \end{aligned}$$

m)

$$\begin{aligned} \frac{b}{2} &= 2 \quad | \cdot 2 \\ b &= 4 \end{aligned}$$

Probe:
$$\begin{aligned} \frac{b}{2} &= 2 \\ \frac{(4)}{2} &= 2 \\ 2 &= 2 \\ 2 &= 2 \end{aligned}$$

n)

$$\begin{aligned} 4 \cdot x &= 32 \quad |: (4) \\ x &= 8 \end{aligned}$$

Probe:
$$\begin{aligned} 4 \cdot x &= 32 \\ 4 \cdot (8) &= 32 \\ 32 &= 32 \\ 32 &= 32 \end{aligned}$$

o)

$$\begin{aligned} \frac{a}{2} &= 4 \quad | \cdot 2 \\ a &= 8 \end{aligned}$$

Probe:
$$\begin{aligned} \frac{a}{2} &= 4 \\ \frac{(8)}{2} &= 4 \\ 4 &= 4 \\ 4 &= 4 \end{aligned}$$

p)

$$\begin{aligned} \frac{a}{11} &= 6 \quad | \cdot 11 \\ a &= 66 \end{aligned}$$

Probe:
$$\begin{aligned} \frac{a}{11} &= 6 \\ \frac{(66)}{11} &= 6 \\ 6 &= 6 \\ 6 &= 6 \end{aligned}$$

q)

$$3 \cdot x = 36 \quad |: (3)$$
$$x = 12$$

Probe:
$$3 \cdot x = 36$$
$$3 \cdot (12) = 36$$
$$36 = 36$$
$$36 = 36$$

r)

$$11 \cdot a = 22 \quad |: (11)$$
$$a = 2$$

Probe:
$$11 \cdot a = 22$$
$$11 \cdot (2) = 22$$
$$22 = 22$$
$$22 = 22$$

s)

$$\frac{y}{9} = 11 \quad | \cdot 9$$
$$y = 99$$

Probe:
$$\frac{y}{9} = 11$$
$$\frac{(99)}{9} = 11$$
$$11 = 11$$
$$11 = 11$$

t)

$$\frac{y}{6} = 3 \quad | \cdot 6$$
$$y = 18$$

Probe:
$$\frac{y}{6} = 3$$
$$\frac{(18)}{6} = 3$$
$$3 = 3$$
$$3 = 3$$

u)

$$11 \cdot a = 55 \quad |: (11)$$
$$a = 5$$

Probe:
$$11 \cdot a = 55$$
$$11 \cdot (5) = 55$$
$$55 = 55$$
$$55 = 55$$

v)

$$11 \cdot a = 88 \quad |: (11)$$
$$a = 8$$

Probe:
$$11 \cdot a = 88$$
$$11 \cdot (8) = 88$$
$$88 = 88$$
$$88 = 88$$

w)

$$6 \cdot a = 30 \quad |: (6)$$
$$a = 5$$

Probe:
$$6 \cdot a = 30$$
$$6 \cdot (5) = 30$$
$$30 = 30$$
$$30 = 30$$

x)

$$2 \cdot x = 14 \quad |: (2)$$
$$x = 7$$

Probe:
$$2 \cdot x = 14$$
$$2 \cdot (7) = 14$$
$$14 = 14$$
$$14 = 14$$

y)

$$8 \cdot y = 56 \quad |: (8)$$
$$y = 7$$

Probe:
$$8 \cdot y = 56$$
$$8 \cdot (7) = 56$$
$$56 = 56$$
$$56 = 56$$

z)

$$\frac{a}{8} = 12 \quad | \cdot 8$$
$$a = 96$$

Probe:
$$\frac{a}{8} = 12$$
$$\frac{(96)}{8} = 12$$
$$12 = 12$$
$$12 = 12$$