Tägliche Übungen

a)	$a = -11 \rightarrow 3 \cdot a + 2 \cdot a = ?$	b)	$x = -11 \rightarrow 3 \cdot x + 1 = ?$
c)	$a = 11 \rightarrow 2 \cdot a + 3 \cdot a = ?$	d)	$z = -1 \rightarrow 2 \cdot z + 3 = ?$
e)	$x + 24 = 4$	f)	$a + 35 = 32$
g)	$a + 28 = 32$	h)	$a - 3 = 49$
i)	$x + 44 = 37$	j)	$b - 5 = 49$
k)	$x + 18 = 38$	l)	$b - 18 = 50$
m)	$x - 12 = 32$	n)	$b + 34 = 8$
o)	$x + 42 = 13$	p)	$y - 29 = 50$
q)	$b + 7 = 2$	r)	$a + 32 = 11$
s)	$x - 49 = 27$	t)	$x - 40 = 45$
u)	$a - 17 = 34$	v)	$x - 28 = 1$
w)	$a + 3 = 24$	x)	$b + 2 = 13$
y)	$a + 46 = 28$	z)	$x + 9 = 10$

Lösungen Tägliche Übungen

a)	$a = -11 \rightarrow$ $3 \cdot a + 2 \cdot a = 3 \cdot (-11) + 2 \cdot (-11) = -55$	b)	$x = -11 \rightarrow$ $3 \cdot x + 1 = 3 \cdot (-11) + 1 = -32$
c)	$a = 11 \rightarrow$ $2 \cdot a + 3 \cdot a = 2 \cdot 11 + 3 \cdot 11 = 55$	d)	$z = -1 \rightarrow$ $2 \cdot z + 3 = 2 \cdot (-1) + 3 = 1$

e)

$$x + 24 = 4$$
$$x + 24 = 4 \qquad | -24$$
$$x = -20$$

Probe: $\quad x + 24 = 4$
$$(-20) + 24 = 4$$
$$-20 + 24 = 4$$
$$4 = 4$$

f)

$$a + 35 = 32$$
$$a + 35 = 32 \qquad | -35$$
$$a = -3$$

Probe: $\quad a + 35 = 32$
$$(-3) + 35 = 32$$
$$-3 + 35 = 32$$
$$32 = 32$$

g)

$$a + 28 = 32$$
$$a + 28 = 32 \qquad | -28$$
$$a = 4$$

Probe: $\quad a + 28 = 32$
$$(4) + 28 = 32$$
$$4 + 28 = 32$$
$$32 = 32$$

h)

$$a - 3 = 49$$
$$a - 3 = 49 \qquad | +3$$
$$a = 52$$

Probe: $\quad a - 3 = 49$
$$(52) - 3 = 49$$
$$52 - 3 = 49$$
$$49 = 49$$

i)

$$x + 44 = 37$$
$$x + 44 = 37 \qquad | -44$$
$$x = -7$$

Probe: $\quad x + 44 = 37$
$$(-7) + 44 = 37$$
$$-7 + 44 = 37$$
$$37 = 37$$

j)

$$b - 5 = 49$$
$$b - 5 = 49 \qquad | +5$$
$$b = 54$$

Probe: $\quad b - 5 = 49$
$$(54) - 5 = 49$$
$$54 - 5 = 49$$
$$49 = 49$$

k)

$$x + 18 = 38$$
$$x + 18 = 38 \qquad | -18$$
$$x = 20$$

Probe: $\quad x + 18 = 38$
$$(20) + 18 = 38$$
$$20 + 18 = 38$$
$$38 = 38$$

l)

$$b - 18 = 50$$
$$b - 18 = 50 \qquad | +18$$
$$b = 68$$

Probe: $\quad b - 18 = 50$
$$(68) - 18 = 50$$
$$68 - 18 = 50$$
$$50 = 50$$

m)

$$x - 12 = 32$$
$$x - 12 = 32 \quad | +12$$
$$x = 44$$

$$\text{Probe:} \quad x - 12 = 32$$
$$(44) - 12 = 32$$
$$44 - 12 = 32$$
$$32 = 32$$

n)

$$b + 34 = 8$$
$$b + 34 = 8 \quad | -34$$
$$b = -26$$

$$\text{Probe:} \quad b + 34 = 8$$
$$(-26) + 34 = 8$$
$$-26 + 34 = 8$$
$$8 = 8$$

o)

$$x + 42 = 13$$
$$x + 42 = 13 \quad | -42$$
$$x = -29$$

$$\text{Probe:} \quad x + 42 = 13$$
$$(-29) + 42 = 13$$
$$-29 + 42 = 13$$
$$13 = 13$$

p)

$$y - 29 = 50$$
$$y - 29 = 50 \quad | +29$$
$$y = 79$$

$$\text{Probe:} \quad y - 29 = 50$$
$$(79) - 29 = 50$$
$$79 - 29 = 50$$
$$50 = 50$$

q)

$$b + 7 = 2$$
$$b + 7 = 2 \quad | -7$$
$$b = -5$$

$$\text{Probe:} \quad b + 7 = 2$$
$$(-5) + 7 = 2$$
$$-5 + 7 = 2$$
$$2 = 2$$

r)

$$a + 32 = 11$$
$$a + 32 = 11 \quad | -32$$
$$a = -21$$

$$\text{Probe:} \quad a + 32 = 11$$
$$(-21) + 32 = 11$$
$$-21 + 32 = 11$$
$$11 = 11$$

s)

$$x - 49 = 27$$
$$x - 49 = 27 \quad | +49$$
$$x = 76$$

$$\text{Probe:} \quad x - 49 = 27$$
$$(76) - 49 = 27$$
$$76 - 49 = 27$$
$$27 = 27$$

t)

$$x - 40 = 45$$
$$x - 40 = 45 \quad | +40$$
$$x = 85$$

$$\text{Probe:} \quad x - 40 = 45$$
$$(85) - 40 = 45$$
$$85 - 40 = 45$$
$$45 = 45$$

u)

$$a - 17 = 34$$
$$a - 17 = 34 \quad | +17$$
$$a = 51$$

$$\text{Probe:} \quad a - 17 = 34$$
$$(51) - 17 = 34$$
$$51 - 17 = 34$$
$$34 = 34$$

v)

$$x - 28 = 1$$
$$x - 28 = 1 \quad | +28$$
$$x = 29$$

$$\text{Probe:} \quad x - 28 = 1$$
$$(29) - 28 = 1$$
$$29 - 28 = 1$$
$$1 = 1$$

w)
$$a + 3 = 24$$
$$a + 3 = 24 \quad | -3$$
$$a = 21$$

Probe:
$$a + 3 = 24$$
$$(21) + 3 = 24$$
$$21 + 3 = 24$$
$$24 = 24$$

x)
$$b + 2 = 13$$
$$b + 2 = 13 \quad | -2$$
$$b = 11$$

Probe:
$$b + 2 = 13$$
$$(11) + 2 = 13$$
$$11 + 2 = 13$$
$$13 = 13$$

y)
$$a + 46 = 28$$
$$a + 46 = 28 \quad | -46$$
$$a = -18$$

Probe:
$$a + 46 = 28$$
$$(-18) + 46 = 28$$
$$-18 + 46 = 28$$
$$28 = 28$$

z)
$$x + 9 = 10$$
$$x + 9 = 10 \quad | -9$$
$$x = 1$$

Probe:
$$x + 9 = 10$$
$$(1) + 9 = 10$$
$$1 + 9 = 10$$
$$10 = 10$$