

# Arbeitsblatt

19.11.2015

Kostenlos auf [dw-aufgaben.de](http://dw-aufgaben.de)

Aufgaben-Quickname: 2112

## Aufgabe 1

Ergänze diese Tabelle zu einer proportionalen Zuordnung, in dem Du die Lücken korrekt ausfüllst wie im Beispiel a).

a)

kg	l
4	28
1	7
5	35

$\cdot 4$  (from 1 to 4) and  $\cdot 4$  (from 7 to 28)  
 $\cdot 5$  (from 1 to 5) and  $\cdot 5$  (from 7 to 35)

b)

m	h
3	18
1	

$\cdot 6$  (from 1 to 3) and  $\cdot 6$  (from 18 to 108)  
 $\cdot 2$  (from 1 to 2) and  $\cdot 2$  (from 18 to 36)

c)

dm <sup>2</sup>	t
3	33

$\cdot 11$  (from 3 to 33)  
 $\cdot 4$  (from 3 to 12)

d)

m	h
3	15

$\cdot 5$  (from 3 to 15)  
 $\cdot 3$  (from 3 to 9)

e)

kg	Euro
7	42
1	

$\cdot 6$  (from 1 to 7) and  $\cdot 6$  (from 6 to 42)  
 $\cdot 4$  (from 1 to 4)

f)

cm <sup>2</sup>	kg
4	36

$\cdot 9$  (from 4 to 36)  
 $\cdot 4$  (from 4 to 16)

g)

m	hl
$\frac{3}{:3}$	$\frac{21}{:5}$
$\frac{\square}{\cdot 3}$	$\frac{\square}{\cdot 5}$

h)

dm <sup>2</sup>	min
$\frac{4}{:4}$	$\frac{28}{\cdot 3}$
$\frac{\square}{\cdot 4}$	$\frac{\square}{\cdot 3}$

### Aufgabe 2

Ergänze diese Tabelle zu einer proportionalen Zuordnung, indem Du die Lücken korrekt ausfüllst wie im Beispiel a).

a)

km	Cent
$\frac{5}{:5}$	$\frac{40}{:5}$
$\frac{1}{\cdot 2}$	$\frac{8}{\cdot 2}$
$\frac{2}{\cdot 2}$	$\frac{16}{\cdot 2}$

b)

m <sup>2</sup>	s
$\frac{6}{\square}$	$\frac{24}{\square}$
$\frac{1}{\square}$	$\frac{\square}{\square}$
$\frac{12}{\square}$	$\frac{\square}{\square}$

c)

ha	ml
$\frac{2}{\square}$	$\frac{26}{\square}$
$\frac{\square}{\cdot 3}$	$\frac{\square}{\cdot 3}$
$\frac{\square}{\cdot 3}$	$\frac{39}{\cdot 3}$

d)

Euro	dm <sup>2</sup>
$\frac{7}{\square}$	$\frac{28}{\square}$
$\frac{\square}{\square}$	$\frac{\square}{\square}$
$\frac{5}{\square}$	$\frac{\square}{\cdot 5}$

e)

hl	kg
$\frac{2}{\square}$	$\frac{30}{\square}$
$\frac{\square}{\cdot 3}$	$\frac{\square}{\cdot 3}$
$\frac{\square}{\cdot 3}$	$\frac{45}{\cdot 3}$

f)

hl	h
$\frac{2}{\square}$	$\frac{16}{\square}$
$\frac{1}{\square}$	$\frac{\square}{\square}$
$\frac{3}{\square}$	$\frac{\square}{\square}$

g)

kg	cm
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} 3 \\ \cdot \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">9</div> <input type="checkbox"/> <math>\left( \begin{array}{c} :3 \\ \end{array} \right.</math> </div> </div>	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">6</div> <input type="checkbox"/> <math>\left( \begin{array}{c} : \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>

h)

l	cm <sup>2</sup>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} 8 \\ \cdot \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">48</div> <input type="checkbox"/> <math>\left( \begin{array}{c} : \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>\cdot 7</math> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">7</div> <input type="checkbox"/> <math>\left( \begin{array}{c} : \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>

### Aufgabe 3

Ergänze diese Tabelle zu einer proportionalen Zuordnung, in dem Du die Lücken korrekt ausfüllst wie im Beispiel a).

a)

kg	km
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>\cdot 17</math> <math>\left( \begin{array}{c} 17 \\ \cdot \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">34</div> <input type="checkbox"/> <math>\left( \begin{array}{c} :17 \\ \end{array} \right.</math> </div> </div>	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>\cdot 3</math> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">2</div> <input type="checkbox"/> <math>\left( \begin{array}{c} :3 \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
	<div style="margin-bottom: 10px;">6</div> <input type="checkbox"/>

b)

t	ha
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <input type="checkbox"/> <math>\left( \begin{array}{c} :4 \\ \end{array} \right.</math> </div> </div>	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>\cdot 3</math> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">8</div> <input type="checkbox"/> <math>\left( \begin{array}{c} : \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
	<div style="margin-bottom: 10px;">3</div> <input type="checkbox"/>

c)

hl	km <sup>2</sup>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <input type="checkbox"/> <math>\left( \begin{array}{c} :15 \\ \end{array} \right.</math> </div> </div>	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">1</div> <input type="checkbox"/> <math>\left( \begin{array}{c} :3 \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
	<div style="margin-bottom: 10px;">5</div> <input type="checkbox"/>

d)

l	Cent
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>\cdot 3</math> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <input type="checkbox"/> <math>\left( \begin{array}{c} : \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">1</div> <input type="checkbox"/> <math>\left( \begin{array}{c} : \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
	<div style="margin-bottom: 10px;">16</div> <input type="checkbox"/>

e)

l	m <sup>2</sup>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <input type="checkbox"/> <math>\left( \begin{array}{c} :5 \\ \end{array} \right.</math> </div> </div>	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;">1</div> <input type="checkbox"/> <math>\left( \begin{array}{c} :8 \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
	<div style="margin-bottom: 10px;">48</div> <input type="checkbox"/>

f)

l	s
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <input type="checkbox"/> <math>\left( \begin{array}{c} :11 \\ \end{array} \right.</math> </div> </div>	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>\cdot 8</math> <math>\left( \begin{array}{c} \cdot \\ \end{array} \right.</math> </div> <div style="text-align: center;"> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <input type="checkbox"/> <math>\left( \begin{array}{c} :3 \\ \end{array} \right.</math> </div> </div>	<input type="checkbox"/>
	<div style="margin-bottom: 10px;">8</div> <input type="checkbox"/>

g)

l	t
$\square$	$\square$
$\cdot 3$	$\square$
$\square$	14
$\square$	$\square$
$\square$	28
2	$\square$

h)

hl	kg
$\square$	$\square$
$\cdot 4$	$\square$
1	$\square$
$\square$	$\square$
$\cdot 2$	18
$\square$	$\square$

### Aufgabe 4

Ergänze diese Tabelle zu einer proportionalen Zuordnung, in dem Du die Lücken korrekt ausfüllst wie im Beispiel a).

a)

l	km
$\square$	93
$\cdot 3$	$\square$
$\square$	31
$\square$	$\square$
$\cdot 2$	62
2	$\square$

b)

h	cm <sup>2</sup>
$\square$	80
$\square$	$\square$
$\cdot 3$	16
$\square$	$\square$
3	$\square$

c)

l	h
$\square$	10
$\cdot 5$	$\square$
$\square$	1
$\square$	$\square$
$\square$	9
$\square$	$\square$

d)

t	Euro
$\square$	96
$\square$	$\square$
$\square$	1
$\square$	$\square$
$\square$	72
$\square$	$\cdot 3$

e)

min	Cent
$\square$	$\square$
$\square$	3
$\square$	$\square$
$\square$	11
$\square$	$\square$
$\square$	7
$\square$	77

f)

kg	d
$\square$	84
$\square$	$\square$
$\square$	1
$\square$	28
$\cdot 2$	$\square$
$\square$	$\square$

g)

d	hl
$\begin{array}{c} \text{[ ]} \\ :4 \end{array}$	$\begin{array}{c} \text{[ ]} \\ 60 \end{array}$
$\begin{array}{c} \text{[ ]} \\ 1 \end{array}$	$\begin{array}{c} \text{[ ]} \\ \text{[ ]} \end{array}$
$\begin{array}{c} \text{[ ]} \\ \cdot 3 \end{array}$	$\begin{array}{c} \text{[ ]} \\ \text{[ ]} \end{array}$

h)

g	d
$\begin{array}{c} \text{[ ]} \\ 3 \end{array}$	$\begin{array}{c} \text{[ ]} \\ \text{[ ]} \end{array}$
$\begin{array}{c} \text{[ ]} \\ 21 \end{array}$	$\begin{array}{c} \text{[ ]} \\ \text{[ ]} \end{array}$
$\begin{array}{c} \text{[ ]} \\ \cdot 2 \end{array}$	$\begin{array}{c} \text{[ ]} \\ 2 \end{array}$

Viel Erfolg!