

# Arbeitsblatt

19.11.2015

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

Aufgaben-Quickname: 5625

## Aufgabe 1

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

Quick:  
5625

a)

| t             | l              |
|---------------|----------------|
| $\cdot 7$ ( 7 | 12 ) $\cdot 7$ |
| $\cdot 6$ ( 1 | 84 ) $\cdot 6$ |
|               | 6 14           |

b)

| m              | Cent            |
|----------------|-----------------|
| $\cdot 2$ ( 2  | 16 ) $\cdot 2$  |
| $\cdot 16$ ( 1 | 32 ) $\cdot 16$ |
|                | 16 2            |

c)

| Euro          | dm             |
|---------------|----------------|
| $\cdot 5$ ( 5 | 2 ) $\cdot 5$  |
| $\cdot 2$ ( 1 | 10 ) $\cdot 2$ |
|               | 2 5            |

d)

| kg            | l              |
|---------------|----------------|
| $\cdot 7$ ( 7 | 3 ) $\cdot 7$  |
| $\cdot 3$ ( 1 | 21 ) $\cdot 3$ |
|               | 3 7            |

e)

| d              | t               |
|----------------|-----------------|
| $\cdot 3$ ( 3  | 13 ) $\cdot 3$  |
| $\cdot 13$ ( 1 | 39 ) $\cdot 13$ |
|                | 13 3            |

f)

| t             | min            |
|---------------|----------------|
| $\cdot 8$ ( 8 | 4 ) $\cdot 8$  |
| $\cdot 4$ ( 1 | 32 ) $\cdot 4$ |
|               | 4 8            |

g)

| Cent     | ml      |
|----------|---------|
| :16 ( 16 | 6 ) ·16 |
| ·3 ( 1   | 96 ) ·3 |
| 3        | 32      |

h)

| l      | min     |
|--------|---------|
| :7 ( 7 | 6 ) ·7  |
| ·3 ( 1 | 42 ) ·3 |
| 3      | 14      |

Aufgabe 2

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

Quick:  
5625

a)

| min     | g         |
|---------|-----------|
| :9 ( 9  | 44 ) ·9   |
| ·22 ( 1 | 396 ) ·22 |
| 22      | 18        |

b)

| mm <sup>2</sup> | t       |
|-----------------|---------|
| :28 ( 28        | 2 ) ·28 |
| ·2 ( 1          | 56 ) ·2 |
| 2               | 28      |

c)

| kg      | Cent     |
|---------|----------|
| :3 ( 3  | 28 ) ·3  |
| ·14 ( 1 | 84 ) ·14 |
| 14      | 6        |

d)

| s        | m         |
|----------|-----------|
| :12 ( 12 | 29 ) ·12  |
| ·29 ( 1  | 348 ) ·29 |
| 29       | 12        |

e)

| ha     | min     |
|--------|---------|
| :8 ( 8 | 6 ) ·8  |
| ·2 ( 1 | 48 ) ·2 |
| 2      | 24      |

f)

| ha     | km      |
|--------|---------|
| :7 ( 7 | 8 ) ·7  |
| ·4 ( 1 | 56 ) ·4 |
| 4      | 14      |

g)

| m   |    | g   |     |
|-----|----|-----|-----|
|     | 9  | 78  |     |
| :9  | ↪  | ↪   | ·9  |
|     | 1  | 702 |     |
| ·78 | ↪  | ↪   | :78 |
|     | 78 | 9   |     |

h)

| a   |    | g   |     |
|-----|----|-----|-----|
|     | 13 | 42  |     |
| :13 | ↪  | ↪   | ·13 |
|     | 1  | 546 |     |
| ·7  | ↪  | ↪   | :7  |
|     | 7  | 78  |     |

Aufgabe 3

Quick:  
5625

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

a)

| mm |   | min |    |
|----|---|-----|----|
|    | 3 | 16  |    |
| :3 | ↪ | ↪   | ·3 |
|    | 1 | 48  |    |
| ·8 | ↪ | ↪   | :8 |
|    | 8 | 6   |    |

b)

| g   |    | km |     |
|-----|----|----|-----|
|     | 30 | 2  |     |
| :30 | ↪  | ↪  | ·30 |
|     | 1  | 60 |     |
| ·2  | ↪  | ↪  | :2  |
|     | 2  | 30 |     |

c)

| kg |   | l  |    |
|----|---|----|----|
|    | 2 | 24 |    |
| :2 | ↪ | ↪  | ·2 |
|    | 1 | 48 |    |
| ·8 | ↪ | ↪  | :8 |
|    | 8 | 6  |    |

d)

| dm |   | t  |    |
|----|---|----|----|
|    | 4 | 7  |    |
| :4 | ↪ | ↪  | ·4 |
|    | 1 | 28 |    |
| ·7 | ↪ | ↪  | :7 |
|    | 7 | 4  |    |

e)

| kg |   | dm |    |
|----|---|----|----|
|    | 3 | 2  |    |
| :3 | ↪ | ↪  | ·3 |
|    | 1 | 6  |    |
| ·2 | ↪ | ↪  | :2 |
|    | 2 | 3  |    |

f)

| m <sup>2</sup> |    | min |     |
|----------------|----|-----|-----|
|                | 13 | 2   |     |
| :13            | ↪  | ↪   | ·13 |
|                | 1  | 26  |     |
| ·2             | ↪  | ↪   | :2  |
|                | 2  | 13  |     |

Aufgabe 4

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

a)

| t  | a  |
|----|----|
| 11 | 3  |
| 1  | 33 |
| 3  | 11 |

Operations shown in the original image:  
 Row 1:  $11 \cdot 3 = 33$  (indicated by  $\cdot 11$  on the left and  $\cdot 11$  on the right)  
 Row 2:  $1 \cdot 33 = 33$  (indicated by  $\cdot 3$  on the left and  $\cdot 3$  on the right)  
 Row 3:  $3 \cdot 11 = 33$  (indicated by  $\cdot 3$  on the left and  $\cdot 3$  on the right)

b)

| h  | m   |
|----|-----|
| 25 | 8   |
| 1  | 200 |
| 8  | 25  |

Operations shown in the original image:  
 Row 1:  $25 \cdot 8 = 200$  (indicated by  $\cdot 25$  on the left and  $\cdot 25$  on the right)  
 Row 2:  $1 \cdot 200 = 200$  (indicated by  $\cdot 8$  on the left and  $\cdot 8$  on the right)  
 Row 3:  $8 \cdot 25 = 200$  (indicated by  $\cdot 8$  on the left and  $\cdot 8$  on the right)

c)

| t | s  |
|---|----|
| 3 | 10 |
| 1 | 30 |
| 5 | 6  |

Operations shown in the original image:  
 Row 1:  $3 \cdot 10 = 30$  (indicated by  $\cdot 3$  on the left and  $\cdot 3$  on the right)  
 Row 2:  $1 \cdot 30 = 30$  (indicated by  $\cdot 5$  on the left and  $\cdot 5$  on the right)  
 Row 3:  $5 \cdot 6 = 30$  (indicated by  $\cdot 5$  on the left and  $\cdot 5$  on the right)

d)

| dm | min |
|----|-----|
| 2  | 9   |
| 1  | 18  |
| 3  | 6   |

Operations shown in the original image:  
 Row 1:  $2 \cdot 9 = 18$  (indicated by  $\cdot 2$  on the left and  $\cdot 2$  on the right)  
 Row 2:  $1 \cdot 18 = 18$  (indicated by  $\cdot 3$  on the left and  $\cdot 3$  on the right)  
 Row 3:  $3 \cdot 6 = 18$  (indicated by  $\cdot 3$  on the left and  $\cdot 3$  on the right)

e)

| Euro | h  |
|------|----|
| 4    | 4  |
| 1    | 16 |
| 2    | 8  |

Operations shown in the original image:  
 Row 1:  $4 \cdot 4 = 16$  (indicated by  $\cdot 4$  on the left and  $\cdot 4$  on the right)  
 Row 2:  $1 \cdot 16 = 16$  (indicated by  $\cdot 2$  on the left and  $\cdot 2$  on the right)  
 Row 3:  $2 \cdot 8 = 16$  (indicated by  $\cdot 2$  on the left and  $\cdot 2$  on the right)

f)

| ml | km |
|----|----|
| 3  | 9  |
| 1  | 27 |
| 9  | 3  |

Operations shown in the original image:  
 Row 1:  $3 \cdot 9 = 27$  (indicated by  $\cdot 3$  on the left and  $\cdot 3$  on the right)  
 Row 2:  $1 \cdot 27 = 27$  (indicated by  $\cdot 9$  on the left and  $\cdot 9$  on the right)  
 Row 3:  $9 \cdot 3 = 27$  (indicated by  $\cdot 9$  on the left and  $\cdot 9$  on the right)

Viel Erfolg!