

Worksheet

04/06/2020

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Problem quickname: 6246

1)

Complete this table showing quantities of a direct proportionality relationship by filling in the gaps with the correct values as shown in example a).

Quick:
6246

a)

litre	m
6	36
:6	:6
1	6
·2	·2
2	12

b)

cent	cm
2	6
:2	:2
1	3
·3	·3
3	9

c)

dollar	Cent
4	36
:4	:4
1	9
·5	·5
5	45

d)

kg	litre
9	36
:9	:9
1	4
·7	·7
7	28

e)

m ²	mm ³
3	39
:3	:3
1	13
·2	·2
2	26

f)

min	Euro
3	45
:3	:3
1	15
·2	·2
2	30

g)

h	dm
4	8
:4	:4
1	2
·5	·5
5	10

h)

mm	Cent
8	16
:8	:8
1	2
·7	·7
7	14

2)

Complete this table showing quantities of a direct proportionality relationship by filling in the gaps with the correct values as shown in example a).

Quick:
6246

a)

d	s
5	20
:5	:5
1	4
·11	·11
11	44

b)

Euro	dollar
4	52
:4	:4
1	13
·2	·2
2	26

c)

h	cm ³
4	56
:4	:4
1	14
·3	·3
3	42

d)

kg	Euro
3	69
:3	:3
1	23
·2	·2
2	46

e)

h	Euro
2	50
:2	:2
1	25
·3	·3
3	75

f)

min	cm ³
6	84
:6	:6
1	14
·5	·5
5	70

g)

Euro	cent
3	36
1	12
4	48

Operations shown: $\cdot 3$ and $\cdot 4$ on the left, $:3$ and $:4$ on the right, with arrows indicating the relationship between the two columns.

h)

litre	t
3	33
1	11
6	66

Operations shown: $\cdot 3$ and $\cdot 6$ on the left, $:3$ and $:6$ on the right, with arrows indicating the relationship between the two columns.

3)

Complete this table showing quantities of a direct proportionality relationship by filling in the gaps with the correct values.

Quick:
6246

a)

dm	cm ³
3	153
1	51
2	102

Operations shown: $\cdot 3$ and $\cdot 2$ on the left, $:3$ and $:2$ on the right, with arrows indicating the relationship between the two columns.

b)

dm	Euro
2	60
1	30
3	90

Operations shown: $\cdot 2$ and $\cdot 3$ on the left, $:2$ and $:3$ on the right, with arrows indicating the relationship between the two columns.

c)

s	cm
4	8
1	2
2	4

Operations shown: $\cdot 4$ and $\cdot 2$ on the left, $:4$ and $:2$ on the right, with arrows indicating the relationship between the two columns.

d)

m ²	cm ³
10	90
1	9
20	180

Operations shown: $\cdot 10$ and $\cdot 20$ on the left, $:10$ and $:20$ on the right, with arrows indicating the relationship between the two columns.

e)

h	mm ³
6	48
1	8
22	176

Operations shown: $\cdot 6$ and $\cdot 22$ on the left, $:6$ and $:22$ on the right, with arrows indicating the relationship between the two columns.

f)

cm ³	d
13	52
1	4
2	8

Operations shown: $\cdot 13$ and $\cdot 2$ on the left, $:13$ and $:2$ on the right, with arrows indicating the relationship between the two columns.

g)

dm^3	cm^3
8	104
:8	:8
1	13
·11	·11
11	143

h)

mm^3	g
13	130
:13	:13
1	10
·8	·8
8	80

4)

Complete this table showing quantities of a direct proportionality relationship by filling in the gaps with the correct values.

Quick:
6246

a)

m	min
13	52
:13	:13
1	4
·12	·12
12	48

b)

litre	dm^3
3	123
:3	:3
1	41
·4	·4
4	164

c)

min	dm^3
2	60
:2	:2
1	30
·5	·5
5	150

d)

km	h
10	90
:10	:10
1	9
·7	·7
7	63

e)

kg	Cent
3	87
:3	:3
1	29
·2	·2
2	58

f)

dollar	h
3	18
:3	:3
1	6
·2	·2
2	12

g)

d	litre
$\begin{array}{r} 9 \\ :9 \end{array}$	$\begin{array}{r} 144 \\ :9 \end{array}$
$\begin{array}{r} 1 \\ \cdot 11 \end{array}$	$\begin{array}{r} 16 \\ \cdot 11 \end{array}$
$\begin{array}{r} 11 \\ \cdot 11 \end{array}$	$\begin{array}{r} 176 \\ \cdot 11 \end{array}$

h)

Cent	mm ³
$\begin{array}{r} 3 \\ :3 \end{array}$	$\begin{array}{r} 84 \\ :3 \end{array}$
$\begin{array}{r} 1 \\ \cdot 2 \end{array}$	$\begin{array}{r} 28 \\ \cdot 2 \end{array}$
$\begin{array}{r} 2 \\ \cdot 2 \end{array}$	$\begin{array}{r} 56 \\ \cdot 2 \end{array}$

Good Luck!