

# Worksheet

04/05/2020

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Problem quickname: 6517

1)

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

Quick:  
6517

a)

$\text{dm}^3$	Euro
:9	9
	8
	72
:2	2
	36

b)

Cent	min
:11	11
	4
	44
:2	2
	22

c)

g	$\text{cm}^2$
:3	3
	22
	66
:11	11
	6

d)

$\text{cm}^3$	h
:3	3
	20
	60
:10	10
	6

e)

cm	g
:6	6
	18
	108
:9	9
	12

f)

$\text{mm}^3$	$\text{cm}^3$
:17	17
	9
	153
:9	9
	17

g)

cent	mm <sup>2</sup>
:15 ( 15	5 ) :15
·5 ( 1	75 ) :5
	5 15

h)

Cent	g
:6 ( 6	2 ) :6
·2 ( 1	12 ) :2
	2 6

2)

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

Quick:  
6517

a)

dm <sup>3</sup>	m
:26 ( 26	32 ) :26
·4 ( 1	832 ) :4
	4 208

b)

cm <sup>3</sup>	mm <sup>3</sup>
:2 ( 2	228 ) :2
·38 ( 1	456 ) :38
	38 12

c)

dm	Euro
:10 ( 10	7 ) :10
·7 ( 1	70 ) :7
	7 10

d)

litre	kg
:2 ( 2	294 ) :2
·42 ( 1	588 ) :42
	42 14

e)

Euro	dollar
:2 ( 2	48 ) :2
·8 ( 1	96 ) :8
	8 12

f)

m	m <sup>3</sup>
:4 ( 4	15 ) :4
·15 ( 1	60 ) :15
	15 4

g)

$\text{mm}^3$	h
2	8
:2 ( )	( ) ·2
1	16
·4 ( )	( ) :4
4	4

h)

t	Euro
6	10
:6 ( )	( ) ·6
1	60
·5 ( )	( ) :5
5	12

3)

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

Quick:  
6517

a)

cent	s
2	16
:2 ( )	( ) ·2
1	32
·4 ( )	( ) :4
4	8

b)

dollar	g
2	54
:2 ( )	( ) ·2
1	108
·9 ( )	( ) :9
9	12

c)

$\text{mm}^3$	Cent
3	20
:3 ( )	( ) ·3
1	60
·4 ( )	( ) :4
4	15

d)

$\text{cm}^3$	cent
5	7
:5 ( )	( ) ·5
1	35
·7 ( )	( ) :7
7	5

e)

$\text{mm}^3$	m
5	55
:5 ( )	( ) ·5
1	275
·55 ( )	( ) :55
55	5

f)

Cent	kg
3	54
:3 ( )	( ) ·3
1	162
·27 ( )	( ) :27
27	6

4)

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

a)

dm	dollar
:4 ( 4	15 ) .4
1	60
.15 ( 15	4 ) :15

b)

km <sup>2</sup>	Cent
:6 ( 6	4 ) .6
1	24
.4 ( 4	6 ) :4

c)

m <sup>3</sup>	m <sup>2</sup>
:3 ( 3	76 ) .3
1	228
.76 ( 76	3 ) :76

d)

cm <sup>3</sup>	Cent
:7 ( 7	6 ) .7
1	42
.3 ( 3	14 ) :3

e)

h	Cent
:3 ( 3	6 ) .3
1	18
.2 ( 2	9 ) :2

f)

dm	m <sup>3</sup>
:7 ( 7	4 ) .7
1	28
.4 ( 4	7 ) :4

Good Luck!