

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)

s	km
3	22
:3	↪
1	66
↪	↪
11	6
↪	↪
	:11

b)

litre	m
13	7
:13	↪
1	91
↪	↪
7	13
↪	↪
	:7

c)

dm ³	h
9	2
:9	↪
1	18
↪	↪
2	9
↪	↪
	:2

d)

dm	kg
3	48
:3	↪
1	144
↪	↪
8	18
↪	↪
	:8

e)

d	t
2	24
:2	↪
1	48
↪	↪
6	8
↪	↪
	:6

f)

min	dollar
14	6
:14	↪
1	84
↪	↪
3	28
↪	↪
	:3

2)

Complete this table showing quantities of an inverse proportionality relationship by

Quick:
6517

filling in the gaps with the correct values as shown in example a).

a)

h	Euro
:4 (4)	8 () :4
(1)	32
·8 (8)	4 () :8

b)

min	cent
:2 (2)	39 () :2
(1)	78
·13 (13)	6 () :13

c)

dm ³	cm ³
:5 (5)	84 () :5
(1)	420
·42 (42)	10 () :42

d)

min	m ³
:4 (4)	12 () :4
(1)	48
·3 (3)	16 () :3

e)

Cent	mm ³
:3 (3)	42 () :3
(1)	126
·42 (42)	3 () :42

f)

dollar	s
:3 (3)	20 () :3
(1)	60
·5 (5)	12 () :5

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)

Euro	mm
:3 (3)	2 () :3
(1)	6
·2 (2)	3 () :2

b)

m ³	g
:34 (34)	2 () :34
(1)	68
·2 (2)	34 () :2

c)

g	cent
$\cdot 10$ (10	7) $\cdot 10$
$\cdot 7$ (1	70) $\cdot 7$
	7 10

d)

dm	cm ³
$\cdot 6$ (6	28) $\cdot 6$
$\cdot 14$ (1	168) $\cdot 14$
	14 12

e)

cent	t
$\cdot 10$ (10	8) $\cdot 10$
$\cdot 4$ (1	80) $\cdot 4$
	4 20

f)

mm ³	m
$\cdot 4$ (4	4) $\cdot 4$
$\cdot 2$ (1	16) $\cdot 2$
	2 8

g)

s	m
$\cdot 12$ (12	7) $\cdot 12$
$\cdot 7$ (1	84) $\cdot 7$
	7 12

h)

dm ²	Euro
$\cdot 5$ (5	12) $\cdot 5$
$\cdot 4$ (1	60) $\cdot 4$
	4 15

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).

Quick:
6517

a)

Euro	dm ³
$\cdot 42$ (42	23) $\cdot 42$
$\cdot 23$ (1	966) $\cdot 23$
	23 42

b)

cm ³	km
$\cdot 2$ (2	28) $\cdot 2$
$\cdot 7$ (1	56) $\cdot 7$
	7 8

c)

kg	dm
:4 (4)	2 () ·4
1	8
·2 (2)	4 () :2

d)

cm	min
:4 (4)	12 () ·4
1	48
·6 (6)	8 () :6

e)

Euro	cm ³
:9 (9)	57 () ·9
1	513
·57 (57)	9 () :57

f)

cm	cm ²
:6 (6)	7 () ·6
1	42
·7 (7)	6 () :7

g)

Euro	cent
:11 (11)	4 () ·11
1	44
·4 (4)	11 () :4

h)

cent	litre
:9 (9)	60 () ·9
1	540
·60 (60)	9 () :60

Good Luck!