

# 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).

a)

s	km
3	22
1	66
11	6

Operations shown:  $\cdot 3$ ,  $\cdot 11$ ,  $\cdot 3$ ,  $\cdot 11$

b)

litre	m
13	
	91
7	13

c)

dm <sup>3</sup>	h
9	
	18
2	9

d)

dm	kg
3	
	18
8	

e)

d	t
2	
1	8

f)

min	dollar
	6
1	
3	28

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).

a)

h	Euro
$\cdot 4$ ( 4	8 ) $\cdot 4$
$\cdot 8$ ( 1	32 ) $\cdot 8$
8	4

b)

min	cent
( $\cdot 13$	1 ) $\cdot 2$
6	(

c)

dm <sup>3</sup>	cm <sup>3</sup>
( $\cdot 5$	1 ) $\cdot 5$
420	(
$\cdot 42$	3

d)

min	m <sup>3</sup>
$\cdot 4$ (	1 )
3	16

e)

Cent	mm <sup>3</sup>
$\cdot 3$ (	1 )
42	3

f)

dollar	s
(	60 ) $\cdot 3$
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).

a)

Euro	mm
$\cdot 3$ ( 3	2 ) $\cdot 3$
$\cdot 2$ ( 1	6 ) $\cdot 2$
2	3

b)

m <sup>3</sup>	g
$\cdot 34$ ( 34	2 )
$\cdot 2$ (	)

c)

	g	cent	
:10	10	7	█
	█	█	
·7			█
	█	█	

d)

	dm	cm <sup>3</sup>	
:6	6	28	█
	█	█	
·14			█
	█	█	

e)

	cent	t	
:10	10	8	█
	█	█	
·4			█
	█	█	

f)

	mm <sup>3</sup>	m	
:4	4	4	█
	█	█	
·2			█
	█	█	

g)

	s	m	
:12	12	7	█
	█	█	
·7			█
	█	█	

h)

	dm <sup>2</sup>	Euro	
:5	5	12	█
	█	█	
·4			█
	█	█	

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)

	Euro	dm <sup>3</sup>	
:42	42	23	·42
	1	966	
·23		42	:23
	23		



b)

	cm <sup>3</sup>	km	
█	2	28	█
	█	56	
█			█
	7	█	



c)

kg	dm
 	4 2 8 4


d)

cm	min
 	4 12 6



e)

Euro	cm <sup>3</sup>
 	9 57 1



f)

cm	cm <sup>2</sup>
	6 7 6

g)

Euro	cent
 	11 4 11 :4

h)

cent	litre
 	9 60 60 :60

Good Luck!