

Worksheet

04/06/2020

Free on dw-math.com

Problem quickname: 6246

1)

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

a)

	g	s
:4	4	36
	<input type="text"/>	<input type="text"/>
·6	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

b)

	m	cent
:2	2	28
	<input type="text"/>	<input type="text"/>
·6	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

c)

	Cent	cm ³
:10	10	120
	<input type="text"/>	<input type="text"/>
·6	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

d)

	min	dm ³
:6	6	66
	<input type="text"/>	<input type="text"/>
·7	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

e)

	dollar	cm ³
:4	4	136
	<input type="text"/>	<input type="text"/>
·3	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

f)

	h	kg
:2	2	110
	<input type="text"/>	<input type="text"/>
·3	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

g)

dollar	min
$\div 3$ () 3	33 () <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
$\cdot 5$ ()	() <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

h)

h	dm ³
$\div 3$ () 3	147 () <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
$\cdot 4$ ()	() <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

2)

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

a)

litre	dollar
$\div 4$ () 4	<input type="checkbox"/> () <input type="checkbox"/>
<input type="checkbox"/>	17
$\cdot 2$ ()	() <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

b)

Euro	mm
<input type="checkbox"/> () 3	<input type="checkbox"/> () $\div 3$
<input type="checkbox"/>	2
$\cdot 5$ ()	() $\cdot 5$
<input type="checkbox"/>	<input type="checkbox"/>

c)

kg	mm ³
<input type="checkbox"/> () 21	<input type="checkbox"/> () <input type="checkbox"/>
<input type="checkbox"/>	4
$\cdot 34$ ()	() <input type="checkbox"/>
<input type="checkbox"/>	34

d)

cm ³	h
<input type="checkbox"/> () <input type="checkbox"/>	21 () <input type="checkbox"/>
<input type="checkbox"/>	7
$\cdot 2$ ()	14 () <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>






e)

s	Cent
$\div 2$ () <input type="checkbox"/>	52 () <input type="checkbox"/>
<input type="checkbox"/>	1
$\cdot 1$ ()	() <input type="checkbox"/>
<input type="checkbox"/>	78






f)

h	cent
$\div 2$ () <input type="checkbox"/>	30 () <input type="checkbox"/>
<input type="checkbox"/>	1
$\cdot 3$ ()	() <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

g)

h	s
 	  
3 ↙ ↘ 4	36 ↙ ↘ 60
:3 ↙ ↘ ·4	:4 ↙ ↘ ·4






h)

m ²	s
 	  
1 ↙ ↘ ·3	36 ↙ ↘ 18
:3 ↙ ↘ ·3	:4 ↙ ↘ ·4







3)

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






a)

t	Cent
 	  
3 ↙ ↘ 4	24 ↙ ↘ 32
:3 ↙ ↘ ·4	:3 ↙ ↘ ·4






b)

mm ³	t
  	  
20 ↙ ↘ ·4	40 ↙ ↘ 20
:3 ↙ ↘ ·4	:20 ↙ ↘ ·4






c)

Cent	m ³
 	  
2 ↙ ↘ ·3	26 ↙ ↘ 18
:2 ↙ ↘ ·3	:2 ↙ ↘ ·3







d)

cm ³	Cent
 	  
2 ↙ ↘ ·3	32 ↙ ↘ 16
:2 ↙ ↘ ·3	:2 ↙ ↘ ·3

e)

s	g
 	  
3 ↙ ↘ ·2	39 ↙ ↘ 13
:2 ↙ ↘ ·2	:2 ↙ ↘ ·2

f)

h	km
  	  
3 ↙ ↘ ·2	45 ↙ ↘ 15
:2 ↙ ↘ ·2	:2 ↙ ↘ ·2

g)

h	g		
<input type="checkbox"/>	9	36	<input type="checkbox"/>
$\cdot 10$	<input type="checkbox"/>	4	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

h)

litre	dollar		
<input type="checkbox"/>	6	30	<input type="checkbox"/>
<input type="checkbox"/>	1	<input type="checkbox"/>	$\cdot 3$
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4)

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

a)

dollar	cm^3		
$:11$	11	44	$:11$
$\cdot 9$	1	4	$\cdot 9$
<input type="checkbox"/>	9	36	<input type="checkbox"/>

b)

h	min		
<input type="checkbox"/>	3	24	<input type="checkbox"/>
<input type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	4	<input type="checkbox"/>	<input type="checkbox"/>

c)

g	dm^2		
<input type="checkbox"/>	2	20	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	10	<input type="checkbox"/>
<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>

d)

cm^3	m		
<input type="checkbox"/>	8	40	<input type="checkbox"/>
<input type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	15	<input type="checkbox"/>

e)

Euro	h		
<input type="checkbox"/>	2	14	$:2$
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	21	<input type="checkbox"/>

f)

g	s		
<input type="checkbox"/>	3	42	<input type="checkbox"/>
$\cdot 2$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	28	<input type="checkbox"/>

g)

kg	s
\square $\left(\begin{array}{c} 5 \\ \cdot 4 \end{array} \right)$	45 $\left(\begin{array}{c} \square \\ \square \end{array} \right)$
$\cdot 4$ $\left(\begin{array}{c} \square \\ \square \end{array} \right)$	36 $\left(\begin{array}{c} \square \\ \square \end{array} \right)$

h)

cent	mm
$\cdot 3$ $\left(\begin{array}{c} 3 \\ \square \end{array} \right)$	6 $\left(\begin{array}{c} \square \\ \square \end{array} \right)$
\square $\left(\begin{array}{c} \square \\ \square \end{array} \right)$	8 $\left(\begin{array}{c} \square \\ \square \end{array} \right)$

Good Luck!