

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)

mm^3	t
3	45
:3	:3
1	15
·2	·2
2	30

b)

h	s
10	40
:10	:10
1	4
·9	·9
9	36

c)

Cent	mm^2
7	28
:7	:7
1	4
·12	·12
12	48

d)

Cent	cm^3
5	25
:5	:5
1	5
·6	·6
6	30

e)

cent	cm
2	6
:2	:2
1	3
·3	·3
3	9

f)

mm^3	Cent
4	36
:4	:4
1	9
·3	·3
3	27

g)

min		cm ³	
:9	(	9 45	) :9
		1 5	
·7	(	7 35	) ·7

h)

Cent		cent	
:7	(	7 35	) :7
		1 5	
·4	(	4 20	) ·4

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)

cm ³		g	
:3	(	3 36	) :3
		1 12	
·2	(	2 24	) ·2

b)

t		dm	
:4	(	4 8	) :4
		1 2	
·5	(	5 10	) ·5

c)

m ³		cm	
:3	(	3 9	) :3
		1 3	
·2	(	2 6	) ·2

d)

s		kg	
:4	(	4 16	) :4
		1 4	
·9	(	9 36	) ·9

e)

g		cm	
:3	(	3 6	) :3
		1 2	
·4	(	4 8	) ·4

f)

dm ²		litre	
:2	(	2 28	) :2
		1 14	
·3	(	3 42	) ·3

g)

kg		mm ³	
:4	(	4 20	) :4
		1 5	
·8	(	8 40	) ·8

h)

g		m ²	
:7	(	7 49	) :7
		1 7	
·4	(	4 28	) ·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).

Quick:
6246

a)

s		dm	
:2	(	2 6	) :2
		1 3	
·3	(	3 9	) ·3

b)

min		s	
:3	(	3 15	) :3
		1 5	
·4	(	4 20	) ·4

c)

min		cm ³	
:2	(	2 18	) :2
		1 9	
·5	(	5 45	) ·5

d)

cm		s	
:8	(	8 32	) :8
		1 4	
·5	(	5 20	) ·5

e)

Cent		m ³	
:3	(	3 45	) :3
		1 15	
·2	(	2 30	) ·2

f)

t		Euro	
:2	(	2 28	) :2
		1 14	
·3	(	3 42	) ·3

g)

Euro	mm ³
2	10
1	5
9	45

Operations shown: $\cdot 2$ and $\cdot 9$ on the left, $:2$ and $:9$ on the right.

h)

dm ³	Euro
4	32
1	8
3	24

Operations shown: $\cdot 4$ and $\cdot 3$ on the left, $:4$ and $:3$ on the right.

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).

Quick:
6246

a)

Euro	km
4	56
1	14
5	70

Operations shown: $\cdot 4$ and $\cdot 5$ on the left, $:4$ and $:5$ on the right.

b)

dm ³	litre
7	70
1	10
4	40

Operations shown: $\cdot 7$ and $\cdot 4$ on the left, $:7$ and $:4$ on the right.

c)

Cent	mm ³
4	84
1	21
2	42

Operations shown: $\cdot 4$ and $\cdot 2$ on the left, $:4$ and $:2$ on the right.

d)

h	min
2	36
1	18
3	54

Operations shown: $\cdot 2$ and $\cdot 3$ on the left, $:2$ and $:3$ on the right.

e)

min	kg
2	54
1	27
3	81

Operations shown: $\cdot 2$ and $\cdot 3$ on the left, $:2$ and $:3$ on the right.

f)

m ²	Euro
3	66
1	22
4	88

Operations shown: $\cdot 3$ and $\cdot 4$ on the left, $:3$ and $:4$ on the right.

g)

Euro	kg
6 :6	90 :6
1 ·4	15 ·4
4	60

h)

km	min
3 :3	57 :3
1 ·2	19 ·2
2	38

Good Luck!