Worksheet

07/29/2020

Free on dw-math.com

Problem quickname: 9523

1)

Quick: 9523

Calculate the product. Decompose the multiplication problem as shown in example a).

a)

1	5	5	·	5	=	?		
1	0	0	·	5	=	5	0	0
	5	0	·	5	=	2	5	0
		5	·	5	=		2	5
1	5	5	·	5	=	7	7	5

b)

1	7	8	·	3	=	?		
1	0	0	·	3	=	3	0	0
	7	0	·	3	=	2	1	0
		8	·	3	=		2	4
1	7	8	·	3	=	5	3	4

c)

	5	2	·	7	=	?		
	5	0	·	7	=	3	5	0
		2	·	7	=		1	4
	5	2	·	7	=	3	6	4

d)

2	1	1	·	4	=	?		
2	0	0	·	4	=	8	0	0
	1	0	·	4	=		4	0
		1	·	4	=			4
2	1	1	·	4	=	8	4	4

e)

2	1	2	·	3	=	?		
2	0	0	·	3	=	6	0	0
	1	0	·	3	=		3	0
		2	·	3	=			6
2	1	2	·	3	=	6	3	6

f)

	5	6	·	3	=	?		
	5	0	·	3	=	1	5	0
		6	·	3	=		1	8
	5	6	·	3	=	1	6	8

g)

1	3	7	·	2	=	?		
1	0	0	·	2	=	2	0	0
	3	0	·	2	=		6	0
		7	·	2	=		1	4
1	3	7	·	2	=	2	7	4

h)

1	3	7	·	6	=	?		
1	0	0	·	6	=	6	0	0
	3	0	·	6	=	1	8	0
		7	·	6	=		4	2
1	3	7	·	6	=	8	2	2

i)

1	6	5	·	3	=	?		
1	0	0	·	3	=	3	0	0
	6	0	·	3	=	1	8	0
		5	·	3	=		1	5
1	6	5	·	3	=	4	9	5

j)

3	4	9	·	2	=	?		
3	0	0	·	2	=	6	0	0
	4	0	·	2	=		8	0
		9	·	2	=		1	8
3	4	9	·	2	=	6	9	8

2)

Quick: 9523

Calculate the product. Decompose the multiplication problem as you do so.

a)

2	3	1	·	4	=	?		
2	0	0	·	4	=	8	0	0
	3	0	·	4	=	1	2	0
		1	·	4	=			4
2	3	1	·	4	=	9	2	4

b)

2	7	6	·	3	=	?		
2	0	0	·	3	=	6	0	0
	7	0	·	3	=	2	1	0
		6	·	3	=		1	8
2	7	6	·	3	=	8	2	8

c)

1	5	2	·	3	=	?		
1	0	0	·	3	=	3	0	0
	5	0	·	3	=	1	5	0
		2	·	3	=			6
1	5	2	·	3	=	4	5	6

d)

	4	7	·	2	=	?	
	4	0	·	2	=	8	0
		7	·	2	=	1	4
	4	7	·	2	=	9	4

e)

1	6	1	·	2	=	?		
1	0	0	·	2	=	2	0	0
	6	0	·	2	=	1	2	0
		1	·	2	=			2
1	6	1	·	2	=	3	2	2

3)

Quick: 9523

Calculate the product. Decompose the multiplication problem as shown in example a).

a)

2	1	3	·	3	=	?		
2	0	0	·	3	=	6	0	0
	1	0	·	3	=		3	0
		3	·	3	=			9
2	1	3	·	3	=	6	3	9

b)

	8	5	·	6	=	?		
	8	0	·	6	=	4	8	0
		5	·	6	=		3	0
	8	5	·	6	=	5	1	0

c)

2	4	1	·	3	=	?		
2	0	0	·	3	=	6	0	0
	4	0	·	3	=	1	2	0
		1	·	3	=			3
2	4	1	·	3	=	7	2	3

d)

2	8	0	·	3	=	?		
2	0	0	·	3	=	6	0	0
	8	0	·	3	=	2	4	0
2	8	0	·	3	=	8	4	0

e)

	6	5	·	5	=	?		
	6	0	·	5	=	3	0	0
		5	·	5	=		2	5
	6	5	·	5	=	3	2	5

f)

1	3	7	·	7	=	?		
1	0	0	·	7	=	7	0	0
	3	0	·	7	=	2	1	0
		7	·	7	=		4	9
1	3	7	·	7	=	9	5	9

g)

4	5	4	·	2	=	?		
4	0	0	·	2	=	8	0	0
	5	0	·	2	=	1	0	0
		4	·	2	=			8
4	5	4	·	2	=	9	0	8

h)

	2	9	·	6	=	?		
	2	0	·	6	=	1	2	0
		9	·	6	=		5	4
	2	9	·	6	=	1	7	4

i)

1	3	3	·	7	=	?		
1	0	0	·	7	=	7	0	0
	3	0	·	7	=	2	1	0
		3	·	7	=		2	1
1	3	3	·	7	=	9	3	1

j)

4	9	2	·	2	=	?		
4	0	0	·	2	=	8	0	0
	9	0	·	2	=	1	8	0
		2	·	2	=			4
4	9	2	·	2	=	9	8	4

4)

Quick: 9523

Calculate the product. Decompose the multiplication problem as shown in example a).

a)

2	4	6	·	3	=	?		
2	0	0	·	3	=	6	0	0
	4	0	·	3	=	1	2	0
		6	·	3	=		1	8
2	4	6	·	3	=	7	3	8

b)

1	9	2	·	3	=	?		
1	0	0	·	3	=	3	0	0
	9	0	·	3	=	2	7	0
		2	·	3	=			6
1	9	2	·	3	=	5	7	6

c)

1	5	6	·	2	=	?		
1	0	0	·	2	=	2	0	0
	5	0	·	2	=	1	0	0
		6	·	2	=		1	2
1	5	6	·	2	=	3	1	2

d)

2	2	7	·	4	=	?		
2	0	0	·	4	=	8	0	0
	2	0	·	4	=		8	0
		7	·	4	=		2	8
2	2	7	·	4	=	9	0	8

e)

1	2	8	·	4	=	?		
1	0	0	·	4	=	4	0	0
	2	0	·	4	=		8	0
		8	·	4	=		3	2
1	2	8	·	4	=	5	1	2

f)

1	7	5	·	5	=	?		
1	0	0	·	5	=	5	0	0
	7	0	·	5	=	3	5	0
		5	·	5	=		2	5
1	7	5	·	5	=	8	7	5

g)

1	4	3	·	4	=	?		
1	0	0	·	4	=	4	0	0
	4	0	·	4	=	1	6	0
		3	·	4	=		1	2
1	4	3	·	4	=	5	7	2

h)

2	5	4	·	3	=	?		
2	0	0	·	3	=	6	0	0
	5	0	·	3	=	1	5	0
		4	·	3	=		1	2
2	5	4	·	3	=	7	6	2

i)

	7	8	·	7	=	?	
	7	0	·	7	=	4	9	0
		8	·	7	=		5	6
	7	8	·	7	=	5	4	6

j)

	8	6	·	9	=	?	
	8	0	·	9	=	7	2	0
		6	·	9	=		5	4
	8	6	·	9	=	7	7	4

Good Luck!