Worksheet

07/29/2020

Free on dw-math.com

Problem quickname: 9523

1)

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

a)

1	1	1	·	5	=	?		
1	0	0	·	5	=	5	0	0
	1	0	·	5	=		5	0
		1	·	5	=			5
1	1	1	·	5	=	5	5	5

b)

4	6	·	3	=	?
4	0	·	3	=	
		·	3	=	
4	6	·	3	=	

c)

1	7	9	·	5	=	?
1	0	0	·	5	=	
			·	5	=	
			·	5	=	
1	7	9	·	5	=	

d)

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

e)

	5	8	·	4	=	?
			·	4	=	
		8	·	4	=	
	5	8	·	4	=	

f)

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

g)

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

h)

1	5	1	·	2	=	?
			·	2	=	
			·	2	=	
		1	·	2	=	
1	5	1	·	2	=	

i)

	5	3	·	4	=	?
			·	4	=	
		3	·	4	=	
	5	3	·	4	=	

j)

2	4	7	·	4	=	?
			·	4	=	
	4	0	·	4	=	
			·	4	=	
2	4	7	·	4	=	

2)

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

a)

1	9	6	·	4	=	?		
1	0	0	·	4	=	4	0	0
	9	0	·	4	=	3	6	0
		6	·	4	=		2	4
1	9	6	·	4	=	7	8	4

b)

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

c)

2	8	8	·	2	=	?
			·	2	=	
	8	0	·	2	=	
			·	2	=	
2	8	8	·	2	=	

d)

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

e)

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

f)

2	4	7	·	4	=	?
2	0	0	·	4	=	
			·	4	=	
			·	4	=	
2	4	7	·	4	=	

g)

3	4	3	·	2	=	?
3	0	0	·	2	=	
	4	0	·	2	=	
			·	2	=	
3	4	3	·	2	=	

h)

1	7	1	·	2	=	?
			·	2	=	
			·	2	=	
		1	·	2	=	
1	7	1	·	2	=	

i)

2	3	8	·	3	=	?
			·	3	=	
			·	3	=	
			·	3	=	
2	3	8	·	3	=	

j)

2	1	·	5	=	?
		·	5	=	
	1	·	5	=	
2	1	·	5	=	

3)

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

a)

1	5	2	·	4	=	?		
1	0	0	·	4	=	4	0	0
	5	0	·	4	=	2	0	0
		2	·	4	=			8
1	5	2	·	4	=	6	0	8

b)

	7	1	·	3	=	?
	7	0	·	3	=	
		1	·	3	=	
	7	1	·	3	=	

c)

$$\begin{array}{rrcrcr} & 6 & 7 & \cdot & 6 & = & ? \\ \hline & 6 & 0 & \cdot & 6 & = & \\ & & 7 & \cdot & 6 & = & \\ \hline & 6 & 7 & \cdot & 6 & = & \end{array}$$

d)

$$\begin{array}{rrrcrcr} & 1 & 9 & 0 & \cdot & 3 & = & ? \\ \hline & 1 & 0 & 0 & \cdot & 3 & = & \\ & & 9 & 0 & \cdot & 3 & = & \\ \hline & 1 & 9 & 0 & \cdot & 3 & = & \end{array}$$

e)

$$\begin{array}{rrrcrcr} & 1 & 3 & 3 & \cdot & 4 & = & ? \\ \hline & 1 & 0 & 0 & \cdot & 4 & = & \\ & & 3 & 0 & \cdot & 4 & = & \\ & & & 3 & \cdot & 4 & = & \\ \hline & 1 & 3 & 3 & \cdot & 4 & = & \end{array}$$

f)

$$\begin{array}{rrrcrcr} & 1 & 4 & 2 & \cdot & 2 & = & ? \\ \hline & 1 & 0 & 0 & \cdot & 2 & = & \\ & & 4 & 0 & \cdot & 2 & = & \\ & & & 2 & \cdot & 2 & = & \\ \hline & 1 & 4 & 2 & \cdot & 2 & = & \end{array}$$

g)

$$\begin{array}{rrrcrcr} & 1 & 6 & 8 & \cdot & 3 & = & ? \\ \hline & 1 & 0 & 0 & \cdot & 3 & = & \\ & & 6 & 0 & \cdot & 3 & = & \\ & & & 8 & \cdot & 3 & = & \\ \hline & 1 & 6 & 8 & \cdot & 3 & = & \end{array}$$

h)

$$\begin{array}{rrcrcr} & & 4 & 2 & \cdot & 7 & = & ? \\ \hline & & 4 & 0 & \cdot & 7 & = & \\ & & & 2 & \cdot & 7 & = & \\ \hline & & 4 & 2 & \cdot & 7 & = & \end{array}$$

i)

$$\begin{array}{rrcrcr} & 6 & 4 & \cdot & 9 & = & ? \\ \hline & 6 & 0 & \cdot & 9 & = & \\ & & 4 & \cdot & 9 & = & \\ \hline & 6 & 4 & \cdot & 9 & = & \end{array}$$

j)

$$\begin{array}{rrcrcr} & 7 & 3 & \cdot & 9 & = & ? \\ \hline & 7 & 0 & \cdot & 9 & = & \\ & & 3 & \cdot & 9 & = & \\ \hline & 7 & 3 & \cdot & 9 & = & \end{array}$$

4)

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

a)

$$\begin{array}{rrrcrcrrr} & 1 & 6 & 2 & \cdot & 2 & = & ? & \\ \hline & 1 & 0 & 0 & \cdot & 2 & = & 2 & 0 & 0 \\ & & 6 & 0 & \cdot & 2 & = & 1 & 2 & 0 \\ & & & 2 & \cdot & 2 & = & & & 4 \\ \hline & 1 & 6 & 2 & \cdot & 2 & = & 3 & 2 & 4 \end{array}$$

b)

$$\begin{array}{rrrcrcr} & & 4 & 3 & \cdot & 2 & = & ? \\ \hline & & & & \cdot & 2 & = & \\ & & & & \cdot & 2 & = & \\ \hline & & 4 & 3 & \cdot & 2 & = & \end{array}$$

c)

$$\begin{array}{rrrcrcr} & 1 & 6 & 1 & \cdot & 2 & = & ? \\ \hline & & & & \cdot & 2 & = & \\ & & & & \cdot & 2 & = & \\ & & & & \cdot & 2 & = & \\ \hline & 1 & 6 & 1 & \cdot & 2 & = & \end{array}$$

d)

$$\begin{array}{rrrcrcr} & 3 & 8 & 7 & \cdot & 2 & = & ? \\ \hline & & & & \cdot & 2 & = & \\ & & & & \cdot & 2 & = & \\ & & & & \cdot & 2 & = & \\ \hline & 3 & 8 & 7 & \cdot & 2 & = & \end{array}$$

e)

$$\begin{array}{rrrcrcr} & 1 & 8 & 2 & \cdot & 5 & = & ? \\ \hline & & & & \cdot & 5 & = & \\ & & & & \cdot & 5 & = & \\ & & & & \cdot & 5 & = & \\ \hline & 1 & 8 & 2 & \cdot & 5 & = & \end{array}$$

f)

$$\begin{array}{rrrcrcr} & 2 & 5 & 0 & \cdot & 3 & = & ? \\ \hline & & & & \cdot & 3 & = & \\ & & & & \cdot & 3 & = & \\ \hline & 2 & 5 & 0 & \cdot & 3 & = & \end{array}$$

g)
$$\begin{array}{r} 1\ 6\ 5 \cdot 5 = ? \\ \hline \cdot\ 5 = \\ \cdot\ 5 = \\ \cdot\ 5 = \\ \hline 1\ 6\ 5 \cdot 5 = \\ \hline\hline \end{array}$$

h)
$$\begin{array}{r} 8\ 7 \cdot 7 = ? \\ \hline \cdot\ 7 = \\ \cdot\ 7 = \\ \hline 8\ 7 \cdot 7 = \\ \hline\hline \end{array}$$

i)
$$\begin{array}{r} 1\ 3\ 1 \cdot 4 = ? \\ \hline \cdot\ 4 = \\ \cdot\ 4 = \\ \cdot\ 4 = \\ \hline 1\ 3\ 1 \cdot 4 = \\ \hline\hline \end{array}$$

j)
$$\begin{array}{r} 4\ 8 \cdot 5 = ? \\ \hline \cdot\ 5 = \\ \cdot\ 5 = \\ \hline 4\ 8 \cdot 5 = \\ \hline\hline \end{array}$$

Good Luck!