

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).

Quick:
9523

$$\begin{array}{r}
 111 \cdot 5 = ? \\
 \hline
 100 \cdot 5 = 500 \\
 10 \cdot 5 = 50 \\
 1 \cdot 5 = 5 \\
 \hline
 111 \cdot 5 = 555
 \end{array}$$

$$\begin{array}{r}
 46 \cdot 3 = ? \\
 \hline
 40 \cdot 3 = 120 \\
 6 \cdot 3 = 18 \\
 \hline
 46 \cdot 3 = 138
 \end{array}$$

$$\begin{array}{r}
 179 \cdot 5 = ? \\
 \hline
 100 \cdot 5 = 500 \\
 70 \cdot 5 = 350 \\
 9 \cdot 5 = 45 \\
 \hline
 179 \cdot 5 = 895
 \end{array}$$

$$\begin{array}{r}
 125 \cdot 4 = ? \\
 \hline
 100 \cdot 4 = 400 \\
 20 \cdot 4 = 80 \\
 5 \cdot 4 = 20 \\
 \hline
 125 \cdot 4 = 500
 \end{array}$$

$$\begin{array}{r}
 58 \cdot 4 = ? \\
 \hline
 50 \cdot 4 = 200 \\
 8 \cdot 4 = 32 \\
 \hline
 58 \cdot 4 = 232
 \end{array}$$

$$\begin{array}{r}
 173 \cdot 2 = ? \\
 \hline
 100 \cdot 2 = 200 \\
 70 \cdot 2 = 140 \\
 3 \cdot 2 = 6 \\
 \hline
 173 \cdot 2 = 346
 \end{array}$$

$$\begin{array}{r}
 318 \cdot 2 = ? \\
 \hline
 300 \cdot 2 = 600 \\
 10 \cdot 2 = 20 \\
 8 \cdot 2 = 16 \\
 \hline
 318 \cdot 2 = 636
 \end{array}$$

$$\begin{array}{r}
 151 \cdot 2 = ? \\
 \hline
 100 \cdot 2 = 200 \\
 50 \cdot 2 = 100 \\
 1 \cdot 2 = 2 \\
 \hline
 151 \cdot 2 = 302
 \end{array}$$

$$\begin{array}{r}
 53 \cdot 4 = ? \\
 \hline
 50 \cdot 4 = 200 \\
 3 \cdot 4 = 12 \\
 \hline
 53 \cdot 4 = 212
 \end{array}$$

$$\begin{array}{r}
 247 \cdot 4 = ? \\
 \hline
 200 \cdot 4 = 800 \\
 40 \cdot 4 = 160 \\
 7 \cdot 4 = 28 \\
 \hline
 247 \cdot 4 = 988
 \end{array}$$

2)

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

$$\begin{array}{r}
 196 \cdot 4 = ? \\
 \hline
 100 \cdot 4 = 400 \\
 90 \cdot 4 = 360 \\
 6 \cdot 4 = 24 \\
 \hline
 196 \cdot 4 = 784
 \end{array}$$

$$\begin{array}{r}
 231 \cdot 4 = ? \\
 \hline
 200 \cdot 4 = 800 \\
 30 \cdot 4 = 120 \\
 1 \cdot 4 = 4 \\
 \hline
 231 \cdot 4 = 924
 \end{array}$$

$$\begin{array}{r}
 288 \cdot 2 = ? \\
 \hline
 200 \cdot 2 = 400 \\
 80 \cdot 2 = 160 \\
 8 \cdot 2 = 16 \\
 \hline
 288 \cdot 2 = 576
 \end{array}$$

$$\begin{array}{r}
 182 \cdot 5 = ? \\
 \hline
 100 \cdot 5 = 500 \\
 80 \cdot 5 = 400 \\
 2 \cdot 5 = 10 \\
 \hline
 182 \cdot 5 = 910
 \end{array}$$

$$\begin{array}{r}
 122 \cdot 5 = ? \\
 \hline
 100 \cdot 5 = 500 \\
 20 \cdot 5 = 100 \\
 2 \cdot 5 = 10 \\
 \hline
 122 \cdot 5 = 610
 \end{array}$$

$$\begin{array}{r}
 247 \cdot 4 = ? \\
 \hline
 200 \cdot 4 = 800 \\
 40 \cdot 4 = 160 \\
 7 \cdot 4 = 28 \\
 \hline
 247 \cdot 4 = 988
 \end{array}$$

$$\begin{array}{r}
 343 \cdot 2 = ? \\
 \hline
 300 \cdot 2 = 600 \\
 40 \cdot 2 = 80 \\
 3 \cdot 2 = 6 \\
 \hline
 343 \cdot 2 = 686
 \end{array}$$

$$\begin{array}{r}
 171 \cdot 2 = ? \\
 \hline
 100 \cdot 2 = 200 \\
 70 \cdot 2 = 140 \\
 1 \cdot 2 = 2 \\
 \hline
 171 \cdot 2 = 342
 \end{array}$$

$$\begin{array}{r}
 238 \cdot 3 = ? \\
 \hline
 200 \cdot 3 = 600 \\
 30 \cdot 3 = 90 \\
 8 \cdot 3 = 24 \\
 \hline
 238 \cdot 3 = 714
 \end{array}$$

$$\begin{array}{r}
 21 \cdot 5 = ? \\
 \hline
 20 \cdot 5 = 100 \\
 1 \cdot 5 = 5 \\
 \hline
 21 \cdot 5 = 105
 \end{array}$$

3)

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

$$\begin{array}{r}
 152 \cdot 4 = ? \\
 \hline
 100 \cdot 4 = 400 \\
 50 \cdot 4 = 200 \\
 2 \cdot 4 = 8 \\
 \hline
 152 \cdot 4 = 608
 \end{array}$$

$$\begin{array}{r}
 71 \cdot 3 = ? \\
 \hline
 70 \cdot 3 = 210 \\
 1 \cdot 3 = 3 \\
 \hline
 71 \cdot 3 = 213
 \end{array}$$

$$\begin{array}{r}
 67 \cdot 6 = ? \\
 \hline
 60 \cdot 6 = 360 \\
 7 \cdot 6 = 42 \\
 \hline
 67 \cdot 6 = 402
 \end{array}$$

$$\begin{array}{r}
 190 \cdot 3 = ? \\
 \hline
 100 \cdot 3 = 300 \\
 90 \cdot 3 = 270 \\
 \hline
 190 \cdot 3 = 570
 \end{array}$$

$$\begin{array}{r}
 133 \cdot 4 = ? \\
 \hline
 100 \cdot 4 = 400 \\
 30 \cdot 4 = 120 \\
 3 \cdot 4 = 12 \\
 \hline
 133 \cdot 4 = 532
 \end{array}$$

$$\begin{array}{r}
 142 \cdot 2 = ? \\
 \hline
 100 \cdot 2 = 200 \\
 40 \cdot 2 = 80 \\
 2 \cdot 2 = 4 \\
 \hline
 142 \cdot 2 = 284
 \end{array}$$

$$\begin{array}{r}
 168 \cdot 3 = ? \\
 \hline
 100 \cdot 3 = 300 \\
 60 \cdot 3 = 180 \\
 8 \cdot 3 = 24 \\
 \hline
 168 \cdot 3 = 504
 \end{array}$$

$$\begin{array}{r}
 42 \cdot 7 = ? \\
 \hline
 40 \cdot 7 = 280 \\
 2 \cdot 7 = 14 \\
 \hline
 42 \cdot 7 = 294
 \end{array}$$

$$\begin{array}{r}
 64 \cdot 9 = ? \\
 \hline
 60 \cdot 9 = 540 \\
 4 \cdot 9 = 36 \\
 \hline
 64 \cdot 9 = 576
 \end{array}$$

$$\begin{array}{r}
 73 \cdot 9 = ? \\
 \hline
 70 \cdot 9 = 630 \\
 3 \cdot 9 = 27 \\
 \hline
 73 \cdot 9 = 657
 \end{array}$$

4)

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

Quick:
9523

$$\begin{array}{r}
 162 \cdot 2 = ? \\
 \hline
 100 \cdot 2 = 200 \\
 60 \cdot 2 = 120 \\
 2 \cdot 2 = 4 \\
 \hline
 162 \cdot 2 = 324
 \end{array}$$

$$\begin{array}{r}
 43 \cdot 2 = ? \\
 \hline
 40 \cdot 2 = 80 \\
 3 \cdot 2 = 6 \\
 \hline
 43 \cdot 2 = 86
 \end{array}$$

$$\begin{array}{r}
 161 \cdot 2 = ? \\
 \hline
 100 \cdot 2 = 200 \\
 60 \cdot 2 = 120 \\
 1 \cdot 2 = 2 \\
 \hline
 161 \cdot 2 = 322
 \end{array}$$

$$\begin{array}{r}
 387 \cdot 2 = ? \\
 \hline
 300 \cdot 2 = 600 \\
 80 \cdot 2 = 160 \\
 7 \cdot 2 = 14 \\
 \hline
 387 \cdot 2 = 774
 \end{array}$$

$$\begin{array}{r}
 182 \cdot 5 = ? \\
 \hline
 100 \cdot 5 = 500 \\
 80 \cdot 5 = 400 \\
 2 \cdot 5 = 10 \\
 \hline
 182 \cdot 5 = 910
 \end{array}$$

$$\begin{array}{r}
 250 \cdot 3 = ? \\
 \hline
 200 \cdot 3 = 600 \\
 50 \cdot 3 = 150 \\
 \hline
 250 \cdot 3 = 750
 \end{array}$$

$$\begin{array}{r}
 1 \ 6 \ 5 \cdot 5 = ? \\
 \hline
 1 \ 0 \ 0 \cdot 5 = 5 \ 0 \ 0 \\
 6 \ 0 \cdot 5 = 3 \ 0 \ 0 \\
 5 \cdot 5 = 2 \ 5 \\
 \hline
 1 \ 6 \ 5 \cdot 5 = 8 \ 2 \ 5 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 1 \ 3 \ 1 \cdot 4 = ? \\
 \hline
 1 \ 0 \ 0 \cdot 4 = 4 \ 0 \ 0 \\
 3 \ 0 \cdot 4 = 1 \ 2 \ 0 \\
 1 \cdot 4 = 4 \\
 \hline
 1 \ 3 \ 1 \cdot 4 = 5 \ 2 \ 4 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 8 \ 7 \cdot 7 = ? \\
 \hline
 8 \ 0 \cdot 7 = 5 \ 6 \ 0 \\
 7 \cdot 7 = 4 \ 9 \\
 \hline
 8 \ 7 \cdot 7 = 6 \ 0 \ 9 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 4 \ 8 \cdot 5 = ? \\
 \hline
 4 \ 0 \cdot 5 = 2 \ 0 \ 0 \\
 8 \cdot 5 = 4 \ 0 \\
 \hline
 4 \ 8 \cdot 5 = 2 \ 4 \ 0 \\
 \hline
 \hline
 \end{array}$$

Good Luck!