



Partial Products Method #1

Step 1. Multiply by the ones.

Step 2. Multiply by the tens.

Step 3. List the partial products.

Step 4. Add all of the partial products to find the total.



Example: 54×26

$$\begin{array}{r}
 54 \\
 \times 26 \\
 \hline
 24 \\
 300 \\
 80 \\
 + 1,000 \\
 \hline
 1,404
 \end{array}$$

think $50 + 4$
think $20 + 6$
 (6×4)
 (6×50)
 (20×4)
 (20×50)

Directions: Find the product using the partial products method.

1.

$$\begin{array}{r}
 \\
 \\
 \\
 \\
 + \\
 \hline
 1, 2 6 0
 \end{array}$$

$ = \underline{5} \times \underline{8}$
 $ = \underline{5} \times \underline{20}$
 $ = \underline{40} \times \underline{8}$
 $+ = \underline{40} \times \underline{20}$

2.

$$\begin{array}{r}
 \\
 \\
 \\
 \\
 + \\
 \hline
 1, 0 2 2
 \end{array}$$

$ = \underline{4} \times \underline{3}$
 $ = \underline{4} \times \underline{70}$
 $ = \underline{10} \times \underline{3}$
 $+ = \underline{10} \times \underline{70}$

3.

$$\begin{array}{r}
 \\
 \\
 \\
 \\
 + \\
 \hline
 7, 4 5 2
 \end{array}$$

$ = \underline{2} \times \underline{1}$
 $ = \underline{2} \times \underline{80}$
 $ = \underline{90} \times \underline{1}$
 $+ = \underline{90} \times \underline{80}$

4.

$$\begin{array}{r}
 \\
 \\
 \\
 \\
 + \\
 \hline
 1, 8 2 7
 \end{array}$$

$ = \underline{9} \times \underline{3}$
 $ = \underline{9} \times \underline{60}$
 $ = \underline{20} \times \underline{3}$
 $+ = \underline{20} \times \underline{60}$

