


# Addition Using Partitioning

**STEP 1:**

Set the sum out in columns.  
Make sure you record one digit or symbol in each square!

$$\begin{array}{r} 167 \\ + 124 \\ \hline \end{array}$$


**STEP 2:**


Starting with the **UNITS COLUMN**, record the units sum, the tens sum and the hundreds sum in brackets.

$$\begin{array}{r} 167 \\ + 124 \\ \hline \end{array}$$

( 7 + 4 )

( 6 0 + 2 0 )

( 1 0 0 + 1 0 0 )



**STEP 3:**


Now add the units.

$$\begin{array}{r} 167 \\ + 124 \\ \hline 11 \end{array}$$

( 7 + 4 )

( 6 0 + 2 0 )

( 1 0 0 + 1 0 0 )



**STEP 4:**


Now add the tens.

$$\begin{array}{r} 167 \\ + 124 \\ \hline 118 \end{array}$$

( 7 + 4 )

( 6 0 + 2 0 )

( 1 0 0 + 1 0 0 )



# Addition Using Partitioning

STEP 5:

$$\begin{array}{r}
 167 \\
 + 124 \\
 \hline
 11 \quad (7 + 4) \\
 80 \quad (60 + 20) \\
 200 \quad (100 + 100)
 \end{array}$$

Now add the hundreds.



STEP 6:

$$\begin{array}{r}
 167 \\
 + 124 \\
 \hline
 11 \quad (7 + 4) \\
 80 \quad (60 + 20) \\
 + 200 \quad (100 + 100) \\
 \hline
 1
 \end{array}$$

Now add the units column.



STEP 7:

$$\begin{array}{r}
 167 \\
 + 124 \\
 \hline
 11 \quad (7 + 4) \\
 80 \quad (60 + 20) \\
 + 200 \quad (100 + 100) \\
 \hline
 91
 \end{array}$$

Now add the tens column.



STEP 8:

$$\begin{array}{r}
 167 \\
 + 124 \\
 \hline
 11 \quad (7 + 4) \\
 80 \quad (60 + 20) \\
 + 200 \quad (100 + 100) \\
 \hline
 291
 \end{array}$$

Now add the hundreds column.

