

Subtraction Using Partitioning

STEP 1:

$$672 - 121 =$$

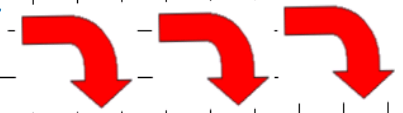
Set the sum out in columns. Remember to place each digit or symbol in a square!



6	7	2	
-	1	2	1

STEP 2:

Partition each number in the sum and record the value of each digit in columns.



6	7	2	
-	1	2	1

6	0	0	
-	1	0	0

7	0		
-	2	0	1

STEP 3:

6	7	2	
-	1	2	1

6	0	0	
-	1	0	0

7	0		
-	2	0	1



Now subtract the units column and record the answer.

STEP 4:

6	7	2	
-	1	2	1

6	0	0	
-	1	0	0

7	0		
-	2	0	1



Now subtract the tens column and record the answer.

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STEP 5:

$$\begin{array}{r} 672 \\ - 121 \\ \hline \end{array} \quad \begin{array}{r} 600 \\ - 100 \\ \hline 500 \end{array} \quad \begin{array}{r} 702 \\ - 201 \\ \hline 501 \end{array}$$



Now subtract the hundreds column and record the answer.

STEP 6:

Now add together the answer for the units column, the tens column and the hundreds column to arrive at your final answer.

$$\begin{array}{r} 672 \\ - 121 \\ \hline 551 \end{array} \quad \begin{array}{r} 600 \\ - 100 \\ \hline 500 \end{array} \quad \begin{array}{r} 702 \\ - 201 \\ \hline 501 \end{array} = 551$$



Don't forget to record your answer in the answer box of the original sum!

