

Name _____

Date _____

Addition of Triple and Double Digits - Guided Lesson Explanation**Explanation#1**

We start from the rightmost side, $7 + 6 = 13$. Now write down 3 below the ones column and forward a carry over to the tens column.

$$\begin{array}{r} 1 \\ 587 \\ + 66 \\ \hline 3 \end{array}$$

Then add $8 + 6 + 1 = 15$. Now write down 5 below the tens column and forward a carry over to the hundreds column.

$$\begin{array}{r} 11 \\ 587 \\ + 66 \\ \hline 53 \end{array}$$

Then $5 + 1 = 6$

$$\begin{array}{r} 1 \\ 587 \\ + 66 \\ \hline 653 \end{array}$$

Answer is: 653



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Explanation#2

We start from the rightmost side, $8 + 4 = 12$. Now write down 2 below the ones column and forward a carry over to the tens column.

$$\begin{array}{r} 1 \\ 878 \\ + 54 \\ \hline 2 \end{array}$$

Then add $7 + 5 + 1 = 13$. Now write down 3 below the tens column and forward a carry over to the hundreds column.

$$\begin{array}{r} 1 \\ 878 \\ + 54 \\ \hline 42 \end{array}$$

Then $8 + 1 = 9$

$$\begin{array}{r} 1 \\ 878 \\ + 54 \\ \hline 932 \end{array}$$

Answer is: 932



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Explanation#3

We start from the rightmost side, $4 + 9 = 13$. Now write down 3 below the ones column and forward a carry over to the tens column.

$$\begin{array}{r} 1 \\ 654 \\ + 89 \\ \hline 3 \end{array}$$

Then add $5 + 8 + 1 = 14$. Now write down 4 below the tens column and forward a carry over to the hundreds column.

$$\begin{array}{r} 1 \\ 654 \\ + 89 \\ \hline 43 \end{array}$$

Then $6 + 1 = 7$

$$\begin{array}{r} 1 \\ 654 \\ + 89 \\ \hline 743 \end{array}$$

Answer is: 743

