

Three from Three Digit Subtraction - Guided Lesson Explanation

Explanation#1

First we subtract digits at ones place, $6 - 7$. We cannot subtract 7 from 6 because 7 is larger than 6.

$$\begin{array}{r} 5 \ 3 \ 6 \\ - 2 \ 1 \ 7 \\ \hline \end{array}$$

So we borrow 1 ten (10) from the tens place (3) and give it to the 6. So this increases the 6 by 10 i.e. ($6 + 10 = 16$). And 3 is decreased by 1. At the place of 3 we write 2.

$\begin{array}{r} \textcircled{5 \ 2 \ 16} \\ 5 \ 3 \ 6 \\ - 2 \ 1 \ 7 \\ \hline \end{array}$	(OR) we can write as	$\begin{array}{r} 5 \ 2 \ 16 \\ \hline 2 \ 1 \ 7 \\ \hline 3 \ 1 \ 9 \end{array}$
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Answer is: 319

Explanation#2

We subtract the digits at the ones place.

First we subtract $5 - 0 = 5$. Write down 5.

Second we subtract $8 - 3 = 5$. Write down 5.

Third we subtract $4 - 1 = 3$. Write down 3.

$$\begin{array}{r} 4 \ 8 \ 5 \\ - 1 \ 3 \ 0 \\ \hline 3 \ 5 \ 5 \end{array}$$

Answer is: 355



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Explanation#3

First we subtract digits at ones place so $9 - 2 = 7$.

We cannot subtract 8 from 3.

$$\begin{array}{r} 839 \\ - 782 \\ \hline \end{array}$$

So we borrow 1 tens place from 8 and give to 3. So increase the 3 by 10 i.e. ($3 + 10 = 13$). And 8 is decreased by 1. At the place of 8 we can write 7.

$$\begin{array}{r} \textcircled{7} \ 13 \ 9 \\ 839 \\ - 782 \\ \hline \end{array} \quad \text{(OR) we can write as} \quad \begin{array}{r} 7 \ 13 \ 9 \\ - 7 \ 8 \ 2 \\ \hline 0 \ 5 \ 7 \end{array}$$

Answer is: 57

