

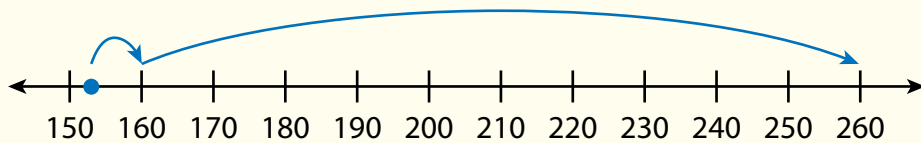
# Subtract Three-Digit Numbers



Dear Family,

This week your child is using different strategies to subtract three-digit numbers.

For example, one way to find the difference  $260 - 153$  is to use a number line to show the related addition equation,  $153 + ? = 260$ .



$$153 + 7 = 160 \longrightarrow \text{Add some ones to get to the next ten.}$$

$$160 + 100 = 260 \longrightarrow \text{Add one hundred to get to the total.}$$

$$7 + 100 = 107$$

$$153 + 107 = 260, \text{ so } 260 - 153 = 107.$$

Another way to solve this problem is to use place value and the standard subtraction algorithm. This involves regrouping when you cannot subtract the digits in one of the place-value columns because the digit being subtracted is greater than the digit it is being subtracted from. Here is how the same subtraction problem would look when solved using the algorithm.

6 tens become 5 tens and 10 ones.

$$\begin{array}{r} 510 \\ 2\cancel{6}\cancel{0} \\ - 153 \\ \hline 7 \end{array}$$

Subtract the **ones** digits:  
**3 cannot be subtracted from 0; regroup a ten**  
 **$10 - 3 = 7$**

$$\begin{array}{r} 510 \\ 2\cancel{6}\cancel{0} \\ - 153 \\ \hline 07 \end{array}$$

Subtract the **tens** digits:  
 **$5 - 5 = 0$**   
 **$(50 - 50 = 0)$**

$$\begin{array}{r} 510 \\ 2\cancel{6}\cancel{0} \\ - 153 \\ \hline 107 \end{array}$$

Subtract the **hundreds** digits:  
 **$2 - 1 = 1$**   
 **$(200 - 100 = 100)$**

Invite your child to share what they know about subtracting three-digit numbers by doing the following activity together.

## Learning Games



Hungry Fish



Cupcake



Pizza

## Math Tools



Base-Ten Blocks