

## Column Subtraction- Parent Guide

Subtracting a 2-digit number from a 3-digit number with carrying:

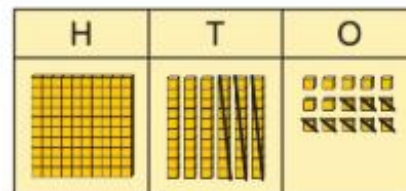
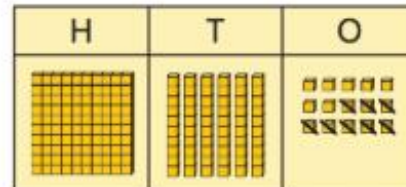
b)  $175 - 38 = \square$



You should first subtract 8 ones. Then subtract 3 tens.



I will write it as columns. I wonder how to show the exchange of 1 ten.

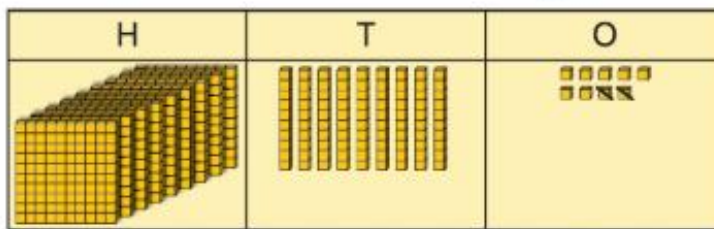


$$\begin{array}{r}
 \text{H} \quad \text{T} \quad \text{O} \\
 \hline
 1 \quad 7 \quad 5 \\
 - \quad 3 \quad 8 \\
 \hline
 1 \quad 3 \quad 7
 \end{array}$$

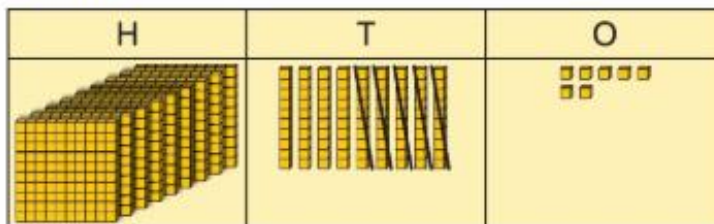
$$175 - 38 = 137$$

Subtracting a 3-digit number from a 3-digit number without carrying:

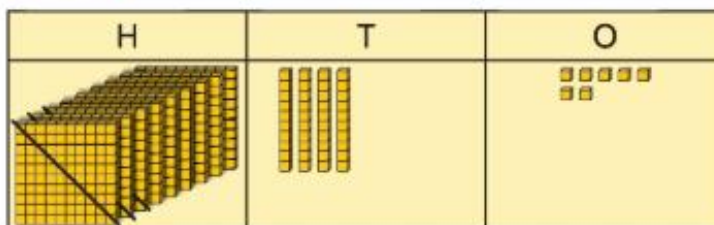
a) This is a subtraction with two 3-digit numbers.



$$\begin{array}{r} \text{H T O} \\ 999 \\ - 352 \\ \hline 7 \end{array}$$



$$\begin{array}{r} \text{H T O} \\ 999 \\ - 352 \\ \hline 47 \end{array}$$



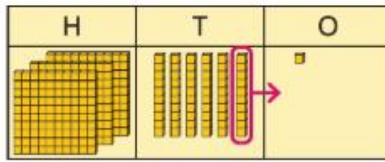
$$\begin{array}{r} \text{H T O} \\ 999 \\ - 352 \\ \hline 647 \end{array}$$

Subtracting a 3-digit number from a 3-digit number with carrying:

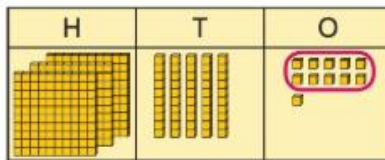
a)  $361 - 147$



Exchange 1 ten for 10 ones.

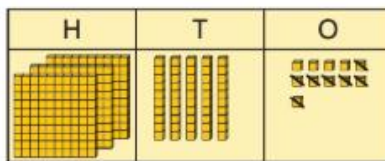


There are now 5 tens and 11 ones.



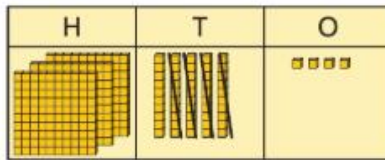
$$\begin{array}{r} \text{H T O} \\ 3 \overset{5}{\cancel{6}} \overset{1}{1} \\ - 1 \ 4 \ 7 \\ \hline \end{array}$$

Subtract the 1s.



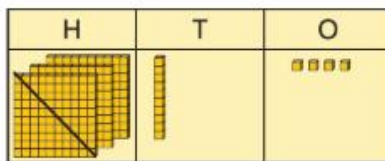
$$\begin{array}{r} \text{H T O} \\ 3 \overset{5}{\cancel{6}} \overset{1}{1} \\ - 1 \ 4 \ 7 \\ \hline \phantom{3} \phantom{6} \ 4 \end{array}$$

Then subtract the 10s.



$$\begin{array}{r} \text{H T O} \\ 3 \overset{5}{\cancel{6}} \overset{1}{1} \\ - 1 \ 4 \ 7 \\ \hline \phantom{3} \ 1 \ 4 \end{array}$$

Then subtract the 100s.



$$\begin{array}{r} \text{H T O} \\ 3 \overset{5}{\cancel{6}} \overset{1}{1} \\ - 1 \ 4 \ 7 \\ \hline 2 \ 1 \ 4 \end{array}$$