

Subtraction - Decomposition Method ThHTU

Decomposition method.

You will need to work from the units, then move onto the tens, then hundreds, then thousands.

Example: $6031 - 2847 =$

Write your working out like this:

	Th	H	T	U	
	5	6	9	10	12
			3	1	
-	2	8	4	7	
	3	1	8	4	

(1 - 7 is not possible, therefore 10 is taken from the T column)
 (20 - 40 is not possible, therefore 100 is taken from the H column, but with 0 in this column, 1000 is taken from the Th column)

Complete these take away sums.

1)
$$\begin{array}{r} 8657 \\ - 371 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 4851 \\ - 2728 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 6338 \\ - 4099 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 3320 \\ - 1766 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 7088 \\ - 4639 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 6800 \\ - 255 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 7004 \\ - 3452 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 4699 \\ - 2991 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 7123 \\ - 4356 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 5926 \\ - 5057 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 9789 \\ - 2899 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 7000 \\ - 4047 \\ \hline \end{array}$$

Now check your answers using a calculator. If you get any incorrect, find out where you went wrong.