STANDARD METHOD FOR SUBTRACTION

On this page you will learn to use decomposition.

METHOD 1

$$\begin{array}{rcrcr} 5428 & = & 53^{1}28 & = & 4^{1}3^{1}28 \\ -2794 & & -2794 & & -2794 \\ \hline & & & & 2634 \end{array}$$

METHOD 2

$$\begin{array}{r} {\scriptstyle 4\ 13\ 12} \\ 5\not4\not2\not8 \\ -2794 \\ \hline 2634 \end{array}$$

A

Use Method 1.

1 $\begin{array}{r} 374 \\ -168 \\ \hline \end{array}$

2 $\begin{array}{r} 485 \\ -237 \\ \hline \end{array}$

3 $\begin{array}{r} 609 \\ -345 \\ \hline \end{array}$

4 $\begin{array}{r} 737 \\ -293 \\ \hline \end{array}$

5 $\begin{array}{r} 529 \\ -438 \\ \hline \end{array}$

6 $\begin{array}{r} 850 \\ -471 \\ \hline \end{array}$

Use Method 2.

7 $\begin{array}{r} 638 \\ -276 \\ \hline \end{array}$

8 $\begin{array}{r} 394 \\ -167 \\ \hline \end{array}$

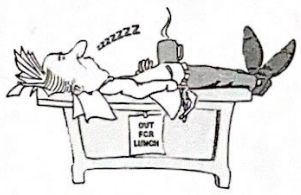
9 $\begin{array}{r} 251 \\ -139 \\ \hline \end{array}$

10 $\begin{array}{r} 426 \\ -218 \\ \hline \end{array}$

11 $\begin{array}{r} 923 \\ -456 \\ \hline \end{array}$

12 $\begin{array}{r} 841 \\ -537 \\ \hline \end{array}$

13 Arthur worked for 325 minutes on Monday and only 183 minutes on Tuesday. How many more minutes did he work on Monday?



B

Use Method 2.

1 $\begin{array}{r} 4080 \\ -2163 \\ \hline \end{array}$

2 $\begin{array}{r} 2737 \\ -1943 \\ \hline \end{array}$

3 $\begin{array}{r} 5326 \\ -2851 \\ \hline \end{array}$

4 $\begin{array}{r} 7143 \\ -3456 \\ \hline \end{array}$

5 $\begin{array}{r} 3501 \\ -2937 \\ \hline \end{array}$

6 $\begin{array}{r} 8264 \\ -3895 \\ \hline \end{array}$

7 $\begin{array}{r} 5832 \\ -2563 \\ \hline \end{array}$

8 $\begin{array}{r} 3690 \\ -2318 \\ \hline \end{array}$

9 $\begin{array}{r} 9416 \\ -5738 \\ \hline \end{array}$

10 $\begin{array}{r} 8025 \\ -3279 \\ \hline \end{array}$

11 $\begin{array}{r} 6174 \\ -4586 \\ \hline \end{array}$

12 $\begin{array}{r} 7350 \\ -6974 \\ \hline \end{array}$

13 Mustapha has £2640 in his bank account. He withdraws £1825. How much is left in the account?

14 In one week 1827 children used a swimming pool. The total number of tickets sold was 3163. How many adults used the pool?

C

Set out correctly and use Method 2.

1 43 464 – 13 709

2 32 032 – 16 158

3 20 783 – 10 795

4 45 327 – 26 587

5 51 501 – 24 653

6 74 260 – 47 898

7 34 715 – 16 379

8 53 263 – 24 685

9 71 521 – 42 763

10 42 170 – 39 186

11 25 312 – 17 615

12 80 637 – 53 789

13 In December a shop had takings of £51 309. In January takings fell by £23 687. How much was taken in January?

14 At the beginning of the year the milometer on a car read 27 495. At the end of the year it read 42 360. How many miles had the car travelled during the year?