



# fun with NUMBERS



Subtraction, by rounding to zero ...

subtraction is easy to do ... or it should be easy ... let's take a look and build from there ...

Step 1:

$$\begin{array}{r} 4 \\ -3 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$$

that was easy because the numbers were small ... let's try with larger numbers.

as the numbers get larger, subtraction becomes more difficult ... but it's still possible

Step 2:

$$\begin{array}{r} 64 \\ -21 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ -60 \\ \hline \end{array} \quad \begin{array}{r} 183 \\ -21 \\ \hline \end{array} \quad \begin{array}{r} 2,469 \\ -756 \\ \hline \end{array}$$

$(6-2)$   $(4-1)$      $(7-6)$   $(2-0)$      $(18-2)$   $(3-1)$      $(24-7)$   $(6-5)$   $(9-6)$

$$\begin{array}{r} 42 \\ 12 \\ 162 \\ 1,713 \end{array}$$

the subtractions are uncomplicated because the digits are simple ... let's try it another way.

Step 3:

$$\begin{array}{r} 64 + 9 = 73 \\ -21 + 9 = 30 \\ \hline 43 \end{array}$$

tens

hundreds

$$\begin{array}{r} 721 + 35 = 756 \\ -365 + 35 = 400 \\ \hline 356 \end{array}$$

$$\begin{array}{r} 8,246 + 643 = 8,889 \\ -1,357 + 643 = 2,000 \\ \hline 6,889 \end{array}$$

thousands