PLACE VALUE

MILLIONS	HUNDRED THOUSANDS	TEN THOUSANDS	THOUSANDS	HUNDREDS	TENS	ONES
	600000	80000	2000	300	10	5
6	8	2		3	1	5
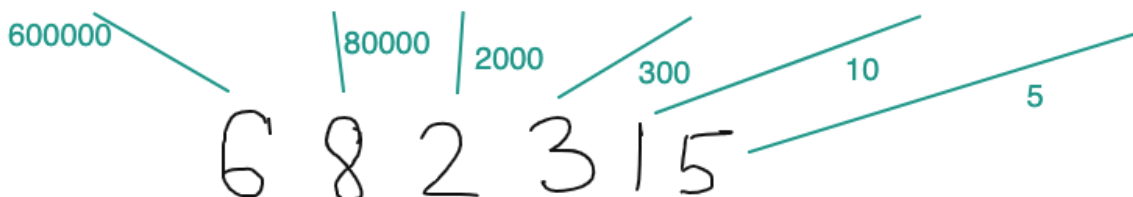
SIX HUNDRED AND EIGHTY TWO THOUSAND THREE HUNDRED AND FIFTEEN

ADDITION

$$
\begin{array}{r}
\overset{1}{6}52 \\
+471 \\
\hline
1123
\end{array}
$$

SUBTRACTION

$$
\begin{array}{r}
\overset{6}{7}\overset{1}{2}8 \\
-\ 51 \\
\hline
677
\end{array}
$$

MULTIPLICATION

$$
\begin{array}{r}
\overset{1}{4}3 \\
\times\ 25 \\
\hline
215 \\
+860 \\
\hline
1075
\end{array}
$$

DIVISION

$$4 \div 9 = 0$$
$$9 \times 0 = 0$$
$$42 \div 9 = 4$$
$$9 \times 4 = 36$$
$$68 \div 9 = 7$$
$$9 \times 7 = 63$$
$$54 \div 9 = 6$$
$$9 \times 6 = 54$$

```
      0 4 7 6
   9 ) 4 2 8 4
       0
       4 2
       3 6
       6 8
       6 3
       5 4
       5 4
         0
```

Step 1: "How many times?"
Step 2: "Multiply"
Step 3: "Subtract"
Step 4: "Drop it down"
(repeat steps for each number, left to right)

B → Brackets ()

O → Of or orders: powers, roots, etc.

D } → Division and multiplication
M }

A } → Addition and subtraction
S }