



## DIVISION

(Division of 5 Digit Numbers)

Dividing 5 digit numbers is same as when you divide a 2 digit, 3 digit or 4 digit numbers. The only difference is that a '**ten-thousandth**' part is further added to a 4 digit number.

The rules and method for **long division** and **short division** are same for 5 digit numbers too as we have already discussed in our previous topics.

(Refer to the previous topics to revise the long division and short division methods)

For example: **57234 ÷ 2**

### LONG DIVISION

$$\begin{array}{r} 28617 \\ 2 \overline{) 57234} \\ \underline{4} \phantom{00} \\ 17 \phantom{00} \\ \underline{16} \phantom{00} \\ 12 \phantom{00} \\ \underline{12} \phantom{00} \\ 3 \phantom{00} \\ \underline{2} \phantom{00} \\ 14 \phantom{00} \\ \underline{14} \phantom{00} \\ 0 \end{array}$$

Quotient = 28617

### SHORT DIVISION

$$2 \overline{) 57234}$$

Quotient = 28617