## DIVISION

## (Long Division without Remainder)

Long division is a method of finding remainder for the division problems. By following the basic rules of long division, we can solve a division problem of any number length.

## DIVISION RULES:

EXAMPLE: $34 \div 2$

## DIVISION FACTS!

1) DIVIDE!

2 goes into 3 one time.


Write 1 above 3.
2) MULTIPLY!
$\rightarrow 2 \times 1=2$
Write 2 under 3

3) SUBTRACT!

$$
2-3=1
$$


4) Repeat the process

Since 2 doesn't go into
1, so bring down 4 to
 Carry out division.
5) Now, 2 goes into 14 exactly seven times. $14 \div 2=7$


Write 7 above 4.
6) Again, multiply and subtract to get the remainder.
$\rightarrow 2 \times 7=14$ and then
14-14 = 0 i.e remainder



Since no more number in the dividend is left. 14 is the required quotient.

