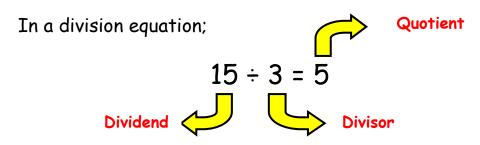


DIVISION

By repeated subtraction

Division can also be taken as a way of **repeated subtraction** i.e. subtracting a same number several times, since division and subtraction are interrelated concepts.



For example; 15÷3 can also be solved by 'repeated subtraction'.

METHOD:

We keep on subtraction 3 from the dividend until we get 0. The number of times 3 is subtracted from the dividend to reach 0 is the quotient i.e. the answer!

So,
$$15 - 3 = 12$$
 $12 - 3 = 9$ $9 - 3 = 6$
 $6 - 3 = 3$ $3 - 3 = 0$
 $\Rightarrow 15 \div 3 = 5$

The repeated subtraction equation for $15 \div 3 = 5$ is 15 - 3 - 3 - 3 - 3 = 0

Similarly, the division equation for 15-3-3-3-3=0 is $15\div3=5$