Concept of Multiplication



Multiplication as Repeated Addition

When we add the same number repeatedly, it is called multiplication.

Multiplication is a fast way to do repeated addition.

'x' is the symbol for multiplication and we read it as 'times' or 'multiplied by'.

Let us make it clear with an example.



Example: There are four motorcycles. Each motorcycle has two wheels.



2 wheels



2 wheels



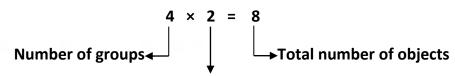
2 wheels



2 wheels

Total number of wheels = 2 + 2 + 2 + 2 = 8

We added the number 2 four times. It is the same as, 4 times 2 is equal to 8.



Number of objects in each groups

We read $4 \times 2 = 8$, as four multiplied by two is equal to eight.



In the picture, the total number of wheels by adding 2 four times. we get 8. This is called **repeated addition**.