Properties of Multiplication

➡️ **1. Property of one:** We have learnt in the previous class that when any number is multiplied by 1 the product is the number itself.

Example:

T	O
	5
×	1
	5

5 × 1 = 5

If any number is multiplied by 1 the product is the number itself.

➡️ **2. Property of zero:** When any number is multiplied by 0 the product is always 0.
0 × 7 = 0

T	O
	7
×	0
	0

If any number is multiplied by 0 the product is always zero.

➡️ **3. Commutative Property:**

Example:

You can arrange them in 2 groups of 6 stars or 6 groups of 2 stars.

2 × 6 = 12

6 × 2 = 12 (product is same)

We observe that changing the order of two numbers does not change the product.

This property is called **commutative property of multiplication**.