

## Properties of Multiplication



### Multiplication by Zero and One

When you multiply any number by zero, the answer is always zero.

Example :

$$3 \times 0 = 0$$

$$4 \times 0 = 0$$

$$5 \times 0 = 0$$

When you multiply 1 by any number, the answer is always that number or when you multiply a number by one, the answer is always that number.

$$1 \times 7 = 7 \text{ or } 7 \times 1 = 7$$



### Doubles

Anurag had 3 chapatis for lunch. His father had double of that.

Then how many chapati does Anurag's father have? We can find the double of a number by

• Adding it to itself  $3 + 3 = 6$

• Or multiplying it by 2  $3 \times 2 = 6$

Anurag has  chapatis.

His father has  chapatis.

His father has 6 chapatis for lunch.