

**MATHS LANGUAGE AND FORMAT USED FOR TEACHING OPERATIONS
IN THIRD / FOURTH CLASS**

MULTIPLICATION - THIRD CLASS

Please try to ensure that your child understands that multiplication is really addition of groups e.g.

• $3 \times 3 = 3 + 3 + 3 = 9$
 $\boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} = \boxed{\triangle\triangle\triangle\triangle\triangle\triangle\triangle}$
 Means 3 groups of 3

• $4 \times 5 = 5 + 5 + 5 + 5 = 20$
 $\boxed{\triangle\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle\triangle} = \boxed{\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle}$
 Means 4 groups of 5

Multiplication is much easier understood when children have a visual example of it. Use everyday objects to help your child understand the meaning of multiplication e.g.

- Mum gives 4 children 5 sweets each. How many sweets are given out? Let them see that

$4 \times 5 = 20.$
 $\boxed{\triangle\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle\triangle} = \boxed{\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle}$

Here we have four groups of five which means $4 \times 5 = 20$.

- Use day to day tasks as a fun way of helping with multiplication.

- (i) Set the table for 4 people. Give each person a knife, fork and spoon. How many pieces of cutlery do we need?

4 knives, 4 forks and 4 spoons.

4 groups of 3.

$4 \times 3 = 12$

- (ii) Polishing shoes for 6 people. How many shoes are polished altogether?
6 people x 2 shoes each

$\boxed{\triangle\triangle} + \boxed{\triangle\triangle} + \boxed{\triangle\triangle} + \boxed{\triangle\triangle} + \boxed{\triangle\triangle} + \boxed{\triangle\triangle} = 12$

$6 \times 2 = 12$

- (iii) Party bags for 10 children with 3 bars in each bag.

$10 \times 3 = \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle} + \boxed{\triangle\triangle\triangle}$

$= 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 30$
 $= 10 \times 3 = 10 \text{ groups of } 3$

$10 \times 3 = 30$

- (iv) Fruit - 2 pieces for 5 people

$= 2 + 2 + 2 + 2 + 2 = 10$
 $= 5 \times 2 = 10$