

Unit 4 : Multiplication and Division

Friendly Notes

Multiplication

We multiply to find the total when equal groups are put together.

There are 5 tomatoes on 1 plate.

There are 3 plates.

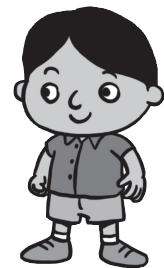


$$\begin{aligned} 3 \text{ groups of } 5 &= 3 \text{ fives} \\ &= 5 + 5 + 5 = 15 \end{aligned}$$

We write the multiplication equation:

$$3 \times 5 = 15$$

There are 3 groups of 5 tomatoes.



We can also write:

$$5 \times 3 = 15$$

There are 5 tomatoes on each of the 3 plates.



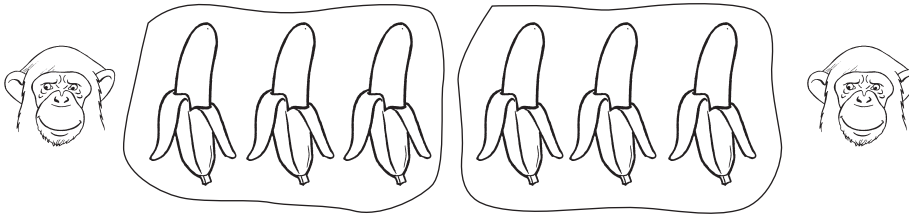
There are **15** tomatoes altogether.

Division

We share equally or put things into equal groups when we divide.

We divide to find the number in each equal group.

1. Share 6 bananas equally between 2 monkeys.
How many bananas does each monkey get?



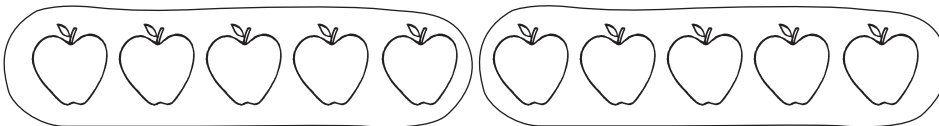
We write the division equation:

$$6 \div 2 = 3$$

Each monkey gets 3 bananas.

We also divide to find the number of equal groups.

2. Divide 10 apples into groups of 5.
How many equal groups are there?



We write the division equation:

$$10 \div 5 = 2$$

There are 2 equal groups.