

Multiplication - Year Two

- Recall and use multiplication facts for the 2, 5 and 10 multiplication tables
- Calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (\times) and equals (=) signs
- solve problems involving multiplication, using materials, arrays, repeated addition, mental methods, and multiplication facts, including problems in contexts
- show that multiplication of two numbers can be done in any order (commutative)

NB Ensure that children are confident with the methods outlined in the previous year's guidance before moving on.

Children will use a range of vocabulary to describe multiplication and use practical resources, pictures, diagrams and the x sign to record.

Combining Groups (repeated addition):



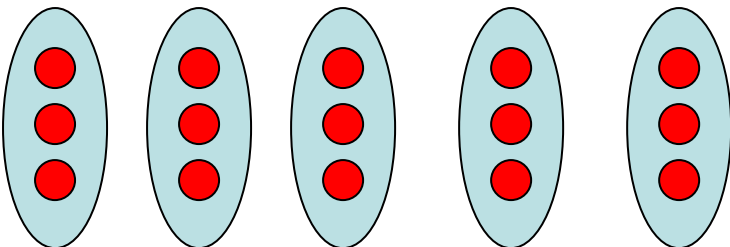
'3 groups of 10 crayons'

'How many crayons altogether?'

' $10 + 10 + 10 = 30$ '

'3 groups of 10' '3 times ten'

' $3 \times 10 = 30$ ' ' $10 \times 3 = 30$ '



'5 groups of 3' '5 lots of 3' ' $3 + 3 + 3 + 3 + 3 = 15$ '

'5 times 3' '3 multiplied by 5' ' $5 \times 3 = 15$ ' ' $3 \times 5 = 15$ '

Using arrays to support multiplication:

$$6 \times 5 = 30$$



$$'5 + 5 + 5 + 5 + 5 + 5 = 30'$$

'6 rows of 5'

'6 groups of 5'

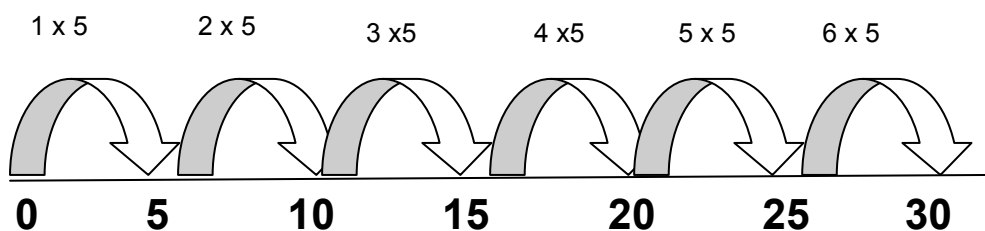
'5 groups of 6'

$$'5 \times 6 = 30'$$

$$'6 \times 5 = 30'$$

Using an empty number line:

$$6 \times 5 = 30$$



Make the link to repeated addition.

NB If, at any time, children are making significant errors, return to the previous stage in calculation.