Recognise Equal Groups

Vocabulary	

3 equal groups of 10 **6 equal groups of 5** **4 equal groups of 2** **2 equal groups of 3**
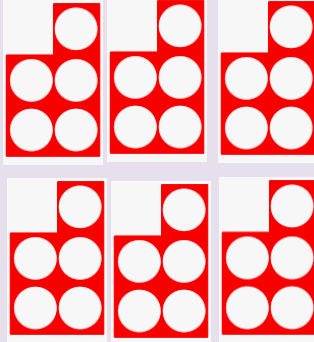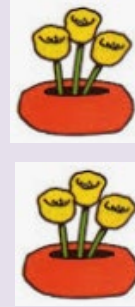
equal groups	groups with the same amount in each
repeated addition	adding the same number repeatedly
multiply	to add equal groups
double	multiply by 2 twice as much
array	a set of objects arranged in rows and columns
share equally	divide into equal groups
divide	sharing or grouping into equal parts
half	one of two equal parts or groups
Commutative	numbers can be multiplied in any order.
Factor	A number that multiplies with another to make a product.
Product	The result of multiplying one number by another.

Repeated Addition
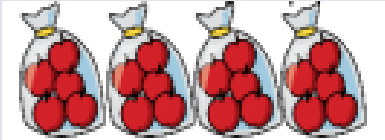
Using arrays

5 + 5 + 5 + 5 = 20
4 equal groups of 5 = 20

2 + 2 + 2 = 6
3 equal groups of 2 = 6

10 + 10 = 20
2 equal groups of 10 = 20

2 rows of 5 = 10
5 columns of 2 = 10

4 rows of 3 = 12
3 columns of 4 = 12

Commutativity

5 x 3 is equal to 3 x 5

factor x factor = product

Times Tables

Two times table

2	4	6	8	10	12	14	16	18	20	22	24

Five times table

5	10	15	20	25	30	35	40	45	50	55	60

Ten times table

10	20	30	40	50	60	70	80	90	100	110	120

Multiplication equations

3 + 3

2 groups of 3

$2 \times 3 = 6$
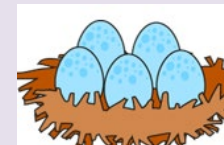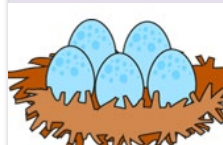
5 + 5 + 5
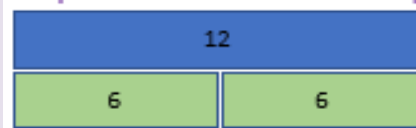
3 groups of 5

$3 \times 5 = 15$

2 + 2 + 2 + 2

$4 \times 2 = 8$

Division and Grouping

12					
2	2	2	2	2	2
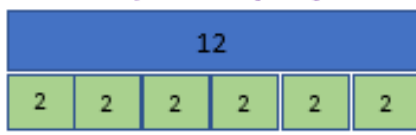
Sharing
Share 12 pencils equally between 6 pots
$12 \div 6 = 2$

12	
6	6

Grouping
12 pencils shared equally between 2 pots
$12 \div 2 = 6$

Dividend ÷ divisor= quotient