



St John Fisher RC Primary School

Year 3 Maths Knowledge Organiser

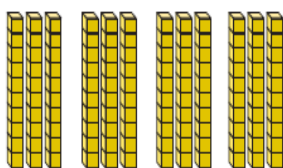
Spring Term One – Multiplication and Division (2)

Related Calculations

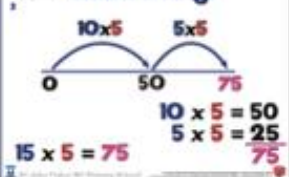
$$3 \times 4 = 12$$



$$30 \times 4 = 120$$



M4: Multi Boing!



M4a: Partitioning

$$15 \times 5 = 75$$

$$10 \times 5 = 50$$

$$5 \times 5 = 25$$

$$50 + 25 = 75$$

Annie has 10 snowballs.

Ron has three times as many snowballs as Annie.



10



10

10

10

Ron has 30 snowballs.

Key Vocabulary

Multiply

Combining multiple groups of numbers together e.g. $5 \times 5 = 25$.

Divide

Distributing a group of things into equal parts

Multiple

The product of two numbers (multiplying 2 numbers together).

Factor

A number that divides exactly into another number without leaving a remainder.

Product

The answer when you multiply 2 numbers together.

Remainder

An amount left over after division (happens when the first number does not divide exactly by the other).

Lots of

Finding the amount of combined groups e.g. 5 lots of 5 is 25.

Groups of

Finding the amount of combined groups e.g. $25 = 5$ groups of 5.

Commutative

When 2 multiplied numbers give the same answer no matter what order they are in e.g. $2 \times 5 = 10$ and $5 \times 2 = 10$.

Inverse

Something that is the opposite (e.g. addition is the opposite of subtraction).

Scaling

Scaling is when you are given information about something and then have to apply it to a smaller or larger quantity. E.g. making an amount twice as big.

Assessment