

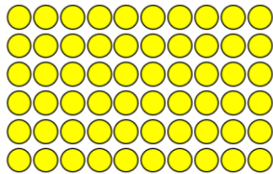
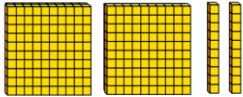

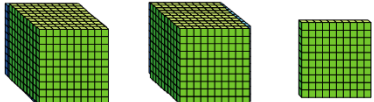


St John Fisher RC Primary School

Year 4 Maths Knowledge Organiser

Spring One - Block One – Multiplication and Division (B)

Objectives	Teacher
I can divide by 10	
I can divide by 100	

I can divide by 10	I can divide by 100
 <p> $60 = \underline{6}$ groups of 10 $60 \div 10 = \underline{6}$ </p> <p> $220 \div 10 = \underline{22}$  $220 = 2 \text{ hundreds} + 2 \text{ tens}$ $1 \text{ hundred} = 10 \text{ tens}$ $2 \text{ hundreds} = 20 \text{ tens}$ There are 22 tens altogether. $220 = 22 \text{ groups of } 10$ </p>	<p>There are 700 sweets altogether. Sweets come in packets of 100. How many packets are there?</p>  <p> $2,100 \div 100 = \underline{21}$  $2,100 = 2 \text{ thousands} + 1 \text{ hundred}$ $1 \text{ thousand} = 10 \text{ hundreds}$ $2 \text{ thousands} = 20 \text{ hundreds}$ There are 21 hundreds altogether. $2,100 = 21 \text{ groups of } 100$ </p> <p> $700 \div 100 = \underline{7}$ </p>

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.
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).

Sentence Stems	
$\underline{\hspace{2cm}} \div 10 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} \div 100 = \underline{\hspace{2cm}} \div 10 \div 10 = \underline{\hspace{2cm}} \div 10 = \underline{\hspace{2cm}}$
$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \div 10$	$\underline{\hspace{2cm}}$ is one-hundredth the size of $\underline{\hspace{2cm}}$

Assessment (Self-Assessment)