

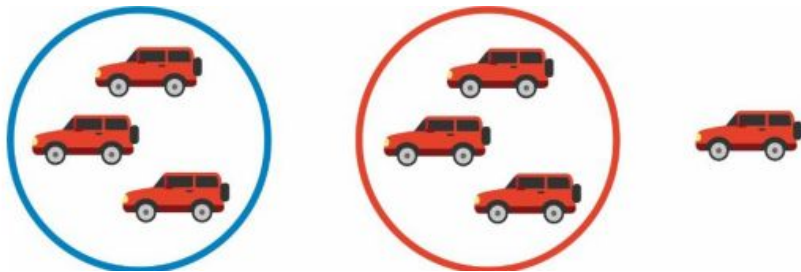


Y1 multiplication

MATHS KNOWLEDGE ORGANISER



ESSENTIAL VOCABULARY	
Odd	A number that cannot be divided by two evenly
Even	A number that can be divided into two equal groups
divide	Separate a group of objects into two or more parts
remainder	The amount left over when dividing objects into groups
Repeated addition	Adding equal groups together. The foundation of multiplication.
array	An arrangement of objects in rows and columns



Can I divide my group of 7 cars into 2 equal groups?

Tick the statements that match the array.



7 groups of 2

$2 + 2 + 2 + 2 + 2 + 2 + 2$

6 lots of 2

7 times 2

14 cubes in total

LINKS TO PREVIOUS LEARNING

This learning sequence builds upon 1LS12 in which pupils developed their understanding of equivalence and equal value that underpins the concept of doubling and halving. This will be revisited. The skill of counting in multiples of 2, 5 and 10 will also be built upon and pupils should be encouraged to recall key facts if known. Patterns and rules in the number system explored will be built upon here when learning about remainders. Pupils should be encouraged to use these and to prove their solutions using the modelled strategies. The understanding of odd and even numbers could also be applied here.

Stem sentences

Speaking Frame – Describing Arrays

I can see lots of .

I can see groups of .

There are in total.

Speaking Frame - Describing

I can see lots of .

I can see groups of .

I can see + + + ...

There are in total.

Maths Mastery



How many sweets would be needed to make 7 bags of 5 sweets?