Recall of number facts

Double numbers up to at least 10

Halve numbers up to 20

Seeing repeated addition as multiplication

2 + 2 + 2   is the same as

3 groups of 2

5 + 5 + 5 + 5 = 4 groups of 5

There are different representations for multiplying and dividing.

These structures show multiplication and division as grouping and sharing.

True or False?

Doubling a number will give an even total.

Year 1 Multiplication and Division (including fractions)

Problems

A ladybird has 6 spots on each wing. How many spots are there altogether?
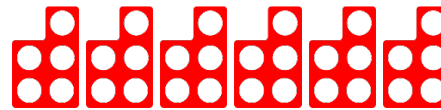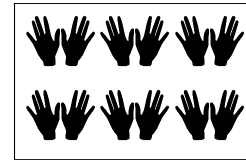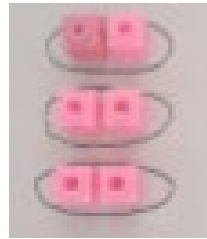
Count from zero equal steps of two, five and ten and identify patterns

0 10 20 30 40 50 60 70 80 90 100

0 2 4 6 8 10 12 14 16 18 20

0 5 10 15 20 25 30 35 40 45 50

Sharing and grouping practically

I have ten seeds and 5 flower pots. If I share them equally how many seeds will be in each pot?
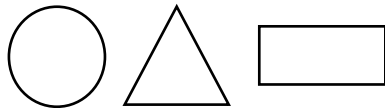

There are 12 seeds and some flower pots. How many pots will I need if each pot has 3 seeds inside?

Finding halves and quarters of objects, shapes and amounts.

Recognise that a half is one of two equal parts and a quarter is one of 4 equal parts

Shade half of these shapes.

How many halves of the oranges have been eaten?

How many quarters are in two whole cakes?

Use a variety of words

lots of, sets of, groups of, double, repeated addition twice, pairs, count in twos/fives/tens

share, share equally, each, halve, half, quarter, equal parts

Always Sometimes Never?

Hassan is counting in fives. He won't say a number ending in 1.

Five groups of 2 is the same as 2 groups of 5.

If I share items between two people, they will each have half.

Demonstrate a greater depth of understanding by reasoning and solving problems – not using bigger numbers.

How many ways can you group or share 12 cubes equally? Talk about what happens.

Here is an array. What number facts does it show?