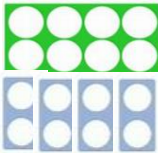

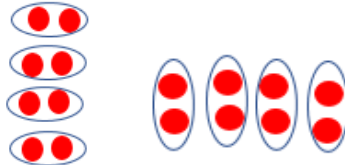
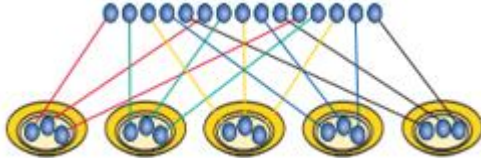
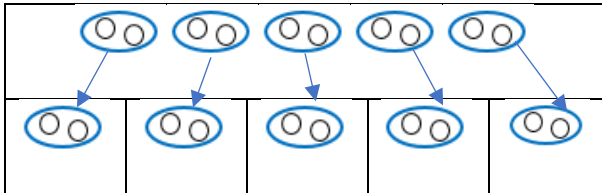


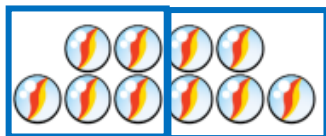
YEAR 1	Division	
Vocabulary: ones, group, groups, equal groups of, lots of, halving, array, row, column, lots of, pattern, share, share equally, one each, two each etc....		
Concrete	Pictorial	Abstract
See Year 1 multiplication for counting in equal groups of 2, 5 and 10 and counting on and back in these groups.		
<p>Making equal groups: Start with recognising when groups are equal.</p> <p>Numicon Equal groups of 2, 5 and 10 $8 \div 2 = 4$</p>  <p>There are 4 groups of 2.</p> <p>Objects</p> 	<p>Making equal groups: $8 \div 2 = 4$</p> <p>Arrays</p>  <p>Rows Columns</p>	<p>Making equal groups: No formal written method.</p>
<p>Sharing: $15 \div 5 = 3$ 15 shared between 5</p> <p>Counters/objects</p>  <p>Encourage one to one correspondence.</p>	<p>Sharing:</p> <p>Bar model (using jottings): $10 \div 5 = 2$</p> 	<p>Sharing: No formal written method.</p>

Halving:

Making the link between $\div 2$ and the fraction $\frac{1}{2}$.

Concrete objects

$$10 \div 2 = 5$$



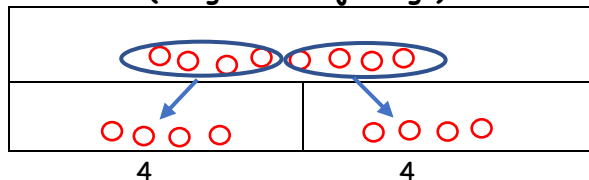
10 divided into 2 groups equals 5 in each group.

Beads

$$6 \div 2 = 3$$

**Numicon:**

$$10 \div 2 = 5$$

**Halving:****Bar model (using diennes jottings)****Circles**

Leads on to instant mental recall.

Mental**Number facts:**

Experience regular counting on and back from different numbers in 1s and in multiples of 2, 5 and 10.

Count a set of objects by grouping in 2s, 5s or 10s

Count these pennies (2 at a time)

Using doubling and halving:

Know corresponding halves of doubles to 10.

Half of 6 is

Half of 10 is

