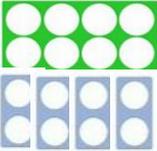
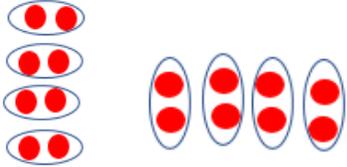
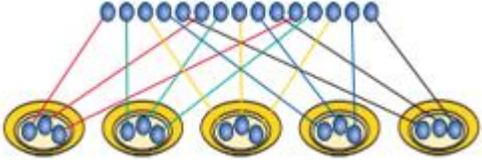
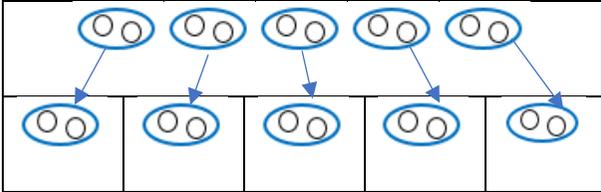


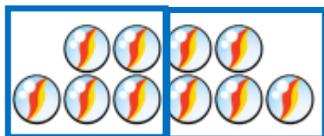
YEAR 1	Division	
Vocabulary: ones, group, groups, equal groups of, lots of, halving, array, row, column, lots of, pattern, share, share equally, one each, two each etc....		
Concrete	Pictorial	Abstract
See Year 1 multiplication for counting in equal groups of 2, 5 and 10 and counting on and back in these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

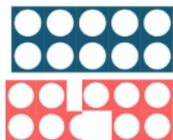
**Beads**

$6 \div 2 = 3$



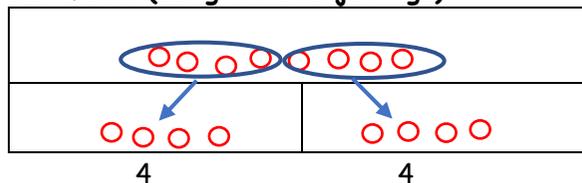
**Numicon:**

$10 \div 2 = 5$



**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

