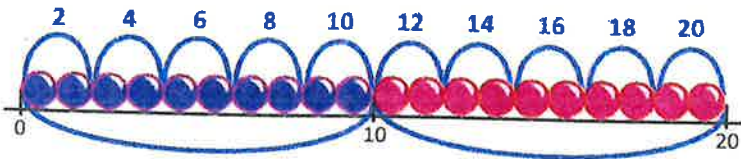
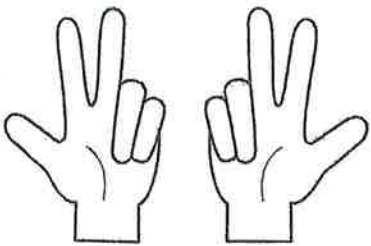
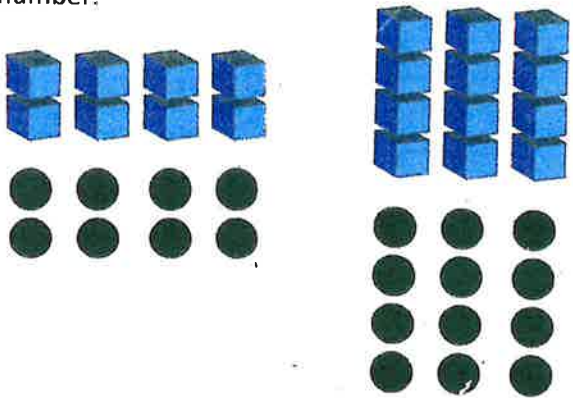
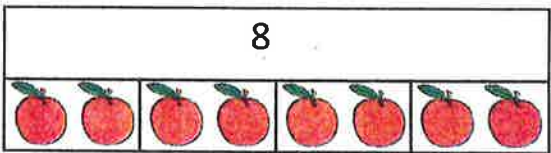


Y1	National Curriculum	Multiplication	Division	Models and images	Maths Talk
	<p>Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p> <p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p>	<p>Begin to count in 2s and 10s 'clever counting'</p>  <p>Begin to say what three 10s are by counting in 10s or what four 2s are by counting in 2s, etc. Double numbers to 10 (<i>Numicon is an excellent resource for doubles/halves</i>) Find half of even numbers to 12 and know it is hard to halve odd numbers Find half of even numbers by sharing</p>  <p>Begin to use visual and concrete arrays or 'sets of' to find how many sets of a small number make a larger number.</p>   <p>Grouping: division is the inverse of multiplication so presented through grouping (Image arrays). E.g. use sets of objects to find the answers to: 'how many towers of 3 can I make with 12 cubes?' Sharing: begin to find a quantity by sharing e.g. half of 16 cubes (share out one at a time)</p>		<p>Concrete apparatus: counting equipment, numicon, multilink, etc. Fingers Bead string/bead bar/beaded line 100 grid Bar model</p>	<p>Clever counting (2s, 5s 10s) Doubling Halving</p>