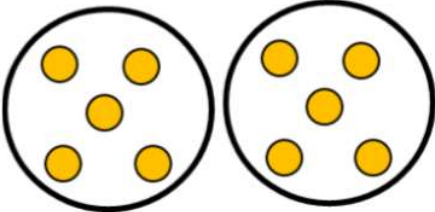


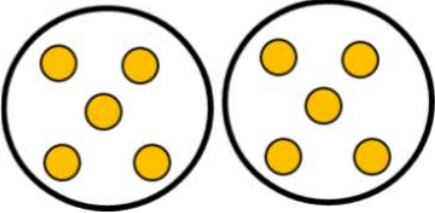




Division at WBIS – Stage One

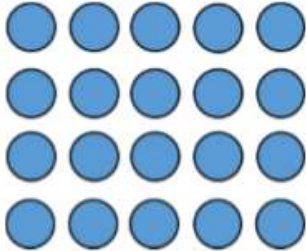
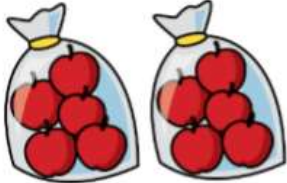
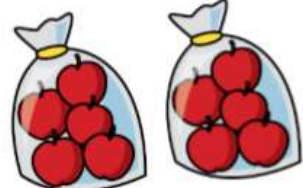
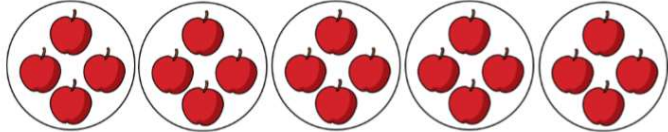
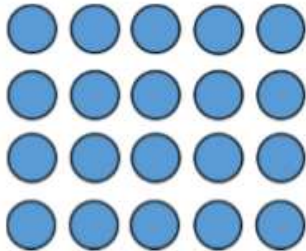
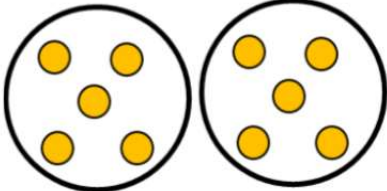
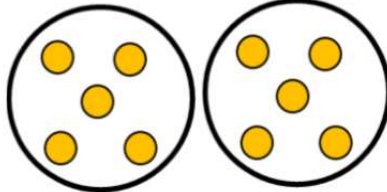
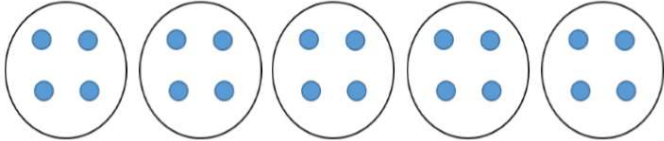
Concrete	Pictorial	Abstract
 <p>Sharing real objects, eg: counters, unifix</p>  <p>Halving using known body parts</p> 	 <p>Sharing objects using drawings</p> <p>Half of 10 is 5.</p>  <p>Halving using pictures of known body parts</p> 	$5 + 5 = 10$ $2 + 2 = 4$ Link halving to associated composition of the total

Skill - Halving

Key Vocabulary and Questions

Sharing, halving, half, number pattern, same, fair, unfair, What is half... ?, Are they both the same? Is it fair or unfair?

Division at WBIS – Stage Two

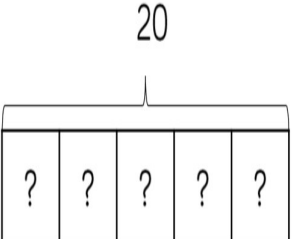
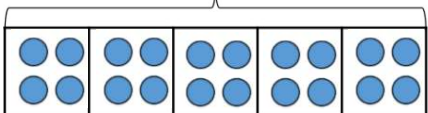
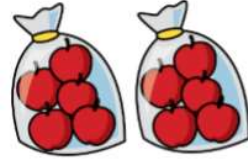
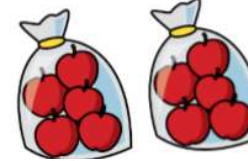
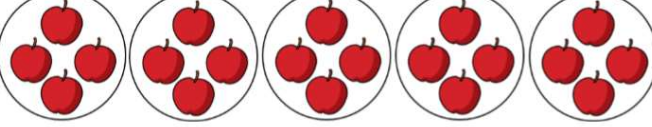
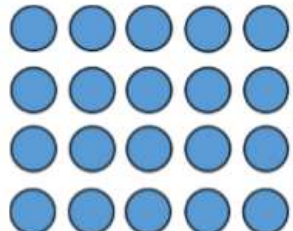
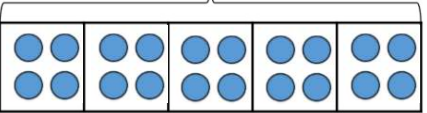
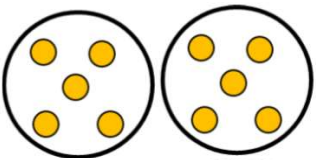
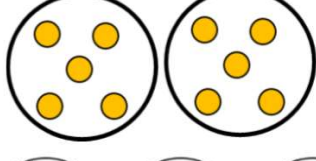
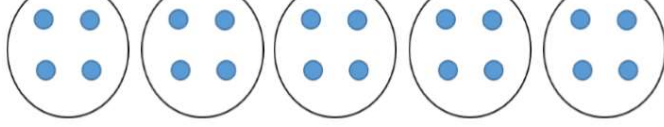
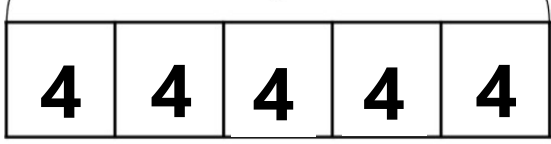

Concrete	Pictorial	Abstract
 <p>Make equal groups of objects within arrays</p>  <p>Grouping with real objects, eg: 4 bags of 5 apples</p>  <p>Sharing with real objects, eg: 20 apples shared into 5 groups</p> 	 <p>Make equal groups within drawn arrays</p>  <p>Share equally into groups</p>  <p>Draw equal groups of objects</p> 	$5 + 5 + 5 + 5 = 20$ $20 - 5 - 5 - 5 - 5 = 0$ <p>Link grouping to counting in times tables and repeated</p> <p>I have grouped 20 into 5s 4 times.</p> <p>20 has been shared into 5 equal groups of 4.</p>

Skill – Solve 1-step problems using division (no division symbol)

Key Vocabulary and Questions

Sharing, halving, half, number pattern, **grouping, groups of, repeated subtraction**, How can I share equally?, How many equal groups of ...?, Are the groups equal? Are the groups fair?

Division at WBIS – Stage Three

Concrete	Pictorial	Abstract
<p>20</p>  <p>Make equal groups within drawn arrays using rows and columns</p> <p>20</p>  <p>Real objects; Can also be done with grouping</p>  <p>Grouping with real objects, eg: 4 bags of 5 apples</p>  <p>Sharing with real objects, eg: 20 apples shared into 5 groups</p> 	<p>Make equal groups within drawn arrays using rows and columns</p>  <p>20</p>  <p>Can also be done with grouping</p>  <p>Share equally into groups</p>  <p>Draw equal groups of objects</p> 	<p>$20 - 5 - 5 - 5 - 5 = 0$</p> <p>$20 \div 5 = 4$</p> <p>Link grouping to counting in times tables and repeated</p> <p>20</p>  <p>Can also be done with grouping</p> 
<p>Skill – Solve 1-step problems using division (and division symbol)</p>		
<p>Key Vocabulary and Questions</p> <p>Sharing, halving, half, number pattern, grouping, groups of, repeated subtraction, divide, division, left over, equal groups of, share equally, row, column, How can I share equally?, How many equal groups of ...?, Are the groups equal?</p>		