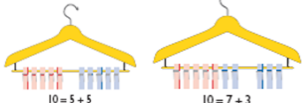
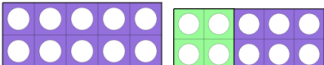
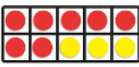

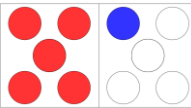





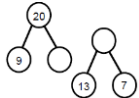

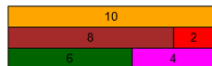
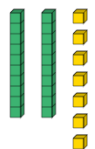
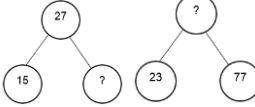
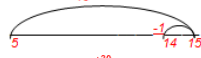




Addition KS1

EYFS	Reception: ELG 2022																					
	<p>Number ELG</p> <p>Children at the expected level of development will:</p> <ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number; • Subitise (recognise quantities without counting) up to 5; • Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. <p>Numerical Patterns ELG</p> <p>Children at the expected level of development will:</p> <ul style="list-style-type: none"> • Verbally count beyond 20, recognising the pattern of the counting system; • Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity; • Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally. 																					
Year	1	2		2																		
	Concrete, pictorial, abstract		Concrete, pictorial, abstract																			
Developing Conceptual/ Procedural Understanding	<p>Number bonds</p>  <p>10 = 5 + 5 10 = 7 + 3</p> <p>We have 10 pegs on the coathangers, how can we split them into 2 groups? Is there another way? How can we be sure we have got them all?</p>   <p style="text-align: right;">Ten Frames</p>  <p> $2 + \square = 10$ $10 - \square = 3$ $5 + \square = 10$ $10 - \square = 9$ $\square + 4 = 10$ $10 - 0 = \square$ </p> <p>Hungarian frames</p> 	 <p>1 + 1 = 2 2 - 1 = 1 double 1 is 2 half of 2 is 1</p>  <p>2 + 2 = 4 4 - 2 = 2 double 2 is 4 half of 4 is 2</p>  <p>Recognise small quantities</p>  <p>Count on</p>  <p>Count on, on number track in 1s.</p> <p>Develop knowledge of fact families.</p> <table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #00aaff; color: white;">10</td></tr> <tr><td style="background-color: #00aaff; color: white;">3</td><td style="background-color: #00aaff; color: white;">7</td></tr> </table>	10		3	7	<p>Whole-part model</p> <table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="border: none;">20</td></tr> <tr><td style="border: none;">?</td><td style="border: none;">?</td></tr> </table>  <p>Fill in the missing numbers</p> <p>Balance image for concept of equality.</p>  <p>9 = 9 9 = 8 + 1 9 = 7 + 2 8 + 1 = 7 + 2</p> 	20		?	?	<p>Base 10</p>  <p>Whole-part model</p> <table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="border: none;">27</td></tr> <tr><td style="border: none;">15</td><td style="border: none;">?</td></tr> </table> <table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="border: none;">100</td></tr> <tr><td style="border: none;">23</td><td style="border: none;">77</td></tr> </table>  <p>Fill in the missing numbers</p> <p>All answers to be recorded in a number sentence following any informal recording.</p>	27		15	?	100		23	77	<p>Adjustment strategy</p> <p>5 + 9 = 5 + 10 - 1 = 14</p>   <p>(Round and adjust)</p> <p>Doubles then near doubles</p> <p>5 + 6 = 5 + 5 + 1 = 11</p> <p>7 + 8 = 8 + 8 - 1 = 15</p> <p>47 + 50 =</p> <p>Re-arranging</p> <p>18 + 4 = Tell me what you know about 4, e.g.</p>	<p>Partition and recombine</p> <p>Record partitioned steps in number sentences then add mentally.</p> <p>40 + 20 = 60 6 + 7 = 13 60 + 13 = 73</p> <p>Moving on to: 46 + 27 = 60 + 13 = 73</p>  <p>Regrouping the 10.</p> <p>Balance in the equation</p> <p>14 = 8 + 6, 7 + 6 = 8 + 5 $\square = 13 + 9$ $3 + \square + 6 = 16$ $14 + \diamond = 15 + 27$</p>
10																						
3	7																					
20																						
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15	?																					
100																						
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