



Division

Pre Stage	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7
	<p>Through practical and meaningful contexts</p> <p>Sharing between two groups. (Using concrete objects)</p>		<p>Know 2, 5 and 10 x tables and division facts (also recognise odd and even numbers)</p> <p><b>Division</b> Use division sign to display a calculation e.g. <math>12 \div 2 = 6</math> (still using concrete objects or pictures) Interpret <math>8 \div 2</math> as how many 2s make 8? <math>\Delta \Delta / \Delta \Delta / \Delta \Delta / \Delta \Delta</math></p> <p><b>Fractions:</b> Find fractions of numbers using objects e.g. <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{3}{4}</math>, <math>\frac{2}{4}</math>, <math>\frac{1}{3}</math></p>	<p>Know 3, 4, 8 and 11 x tables and division facts</p> <p>Divide numbers by the times tables they know: Use division sign to display a calculation e.g. <math>28 \div 4 = 7</math></p> <p>Start to recognise remainders when dividing by a number: <math>14 \div 3 = 4 \text{ rem } 2</math> <math>41 \div 5 = 8 \text{ rem } 1</math> <math>37 \div 10 = 3 \text{ rem } 7</math></p> <p><b>Fractions:</b> Find fractions of numbers up to tenths</p>	<p>Know all x tables and division facts up to <math>12 \times 12</math></p> <p>Recognise remainders when dividing by a number: <math>34 \div 9 = 3 \text{ rem } 7</math> <math>37 \div 8 = 4 \text{ rem } 5</math></p> <p>Divide two and three digit numbers by one digit numbers: <math>98 \div 7 = 14</math></p> <p><math>165 \div 5 = 33</math></p> <p><math>477 \div 3 = 159</math></p>	<p>Divide up to four digit numbers by one digit numbers (including remainders, then making decimals): <math>1269 \div 3 = 423</math>    <math>9579 \div 7 = 1368 \text{ r}3</math></p> <p><math>3 \overline{) 1269}</math>    <math>7 \overline{) 9254759}</math></p> <p><math>3767 \div 4 = 941.75</math></p> <p><math>4 \overline{) 337167.3020}</math></p> <p>Divide up to four digit numbers by two digit numbers: <math>5627 \div 17 = 331</math></p> <p><math>5627 \mid 17 \times 200</math> <math>-3400</math></p> <p><math>112 \mid</math> <math>-227</math></p> <p><math>-1700 \mid 17 \times 100</math></p> <p><math>412 \mid</math> <math>0527</math></p> <p><math>-340 \mid 17 \times 20</math></p> <p><math>187 \mid</math> <math>-170</math></p> <p><math>017 \mid</math> <math>-17</math></p> <p><math>00 \mid 331</math></p>	<p><b>5 Key facts:</b></p> <p><math>17 \times 1 = 17</math></p> <p><math>17 \times 2 = 34</math></p> <p><math>17 \times 10 = 170</math></p> <p><math>17 \times 20 = 340</math></p> <p><math>17 \times 5 = 85</math></p> <p>N.B. do more if possible e.g.</p> <p><math>17 \times 100 = 1700</math></p> <p><math>17 \times 200 = 3400</math></p>
	<p>Use language such as:</p> <ul style="list-style-type: none"> <li>- share</li> <li>- divide</li> <li>- into groups of</li> <li>- repeated subtraction</li> </ul>						

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