

<p>Division strategies</p>	<p>Below are a variety of activities which will support your learning in division. Complete the activities which best suit your ability and confidence. Mild is the easiest level, Spicy is mid-level and Hot will probably be challenging for most of you! I have included some learning videos to teach strategies and concepts.</p> <p>When you have completed the activities, please mark your own work – and pay attention to any you get different answers for. Making mistakes is when learning takes place! If it seems too easy – try a more challenging level. If you don't understand, ask someone to help or try an easier level.</p> <p>You do not have to complete all the work provided. Think about what you already know and what you need to do to extend your learning.</p> <p>Let us know how you get on by uploading your work or writing a comment in assignments.</p>
<p><u>MILD</u> LI: I can divide by 3 and 4</p> <p>LI: I can make the link between multiplication and division</p>	<p>Watch this video about dividing by 3 : https://www.youtube.com/watch?v=PaC5bhVXar0 There is also a presentation you can watch about dividing by 3.</p> <p>Complete the sheet Dividing by 3. It is a good idea to use concrete materials such as beans or cubes or lego blocks to help you. Use the answer sheet to check your answers.</p> <p>Watch this video about dividing by 4 https://www.youtube.com/watch?v=fSn7abV_jmE</p> <p>Complete the sheet Dividing by 4. It is a good idea to use concrete materials such as beans or cubes or lego blocks to help you. Use the answer sheet to check your answers.</p>

	<p>Watch this video about the link between multiplication and division: https://www.youtube.com/watch?v=i31rRt5m1-4</p> <p>Complete the sheet 'Link between multiplication and division' Use the answer sheet to mark your answers.</p>
<p><u>SPICY</u></p> <p>LI: I can divide with remainders</p> <p>LI: I can divide outside the tables</p>	<p>Practise your 6,7,8,9 times table division using the sheet provided (most people find these the trickiest tables) Mark your answers using the sheet provided.</p> <p>Please highlight any mistakes you make and note what you did wrong. If you got them all correct write this on your answers know you've checked your answers. Checking your answers is a really important part of independent learning.</p> <p>You can also go back to the resources from Week 5 if you want practice with the other tables and you didn't have time last week.</p> <p>Go to Mangahigh and complete some of the division challenges that have been set. You can also practise your math by logging in to Sumdog – remember there is a challenge this week!</p> <p>https://app.mangahigh.com/assignments</p> <p>Watch this video about division with remainders https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zcih8mn</p> <p>This video shows another strategy for division with remainders which will help with more complicated strategies as your knowledge increases: https://www.youtube.com/watch?v=KGMf314LUc0</p> <p>Complete the worksheet 'Division with remainders 1'. Use the answer sheet to check your answers</p>

	<p>If you want more practice you can do Division with remainders 2.</p> <p>Watch the video on Spicy division sway: 2 digit division chunking</p> <p>Try this method using the worksheet Division with chunking. Use the answer sheets to check your answers</p>
<p><u>HOT</u></p> <p>LI: I can use a variety of strategies complete multiplication and division calculations</p> <p>LI: I can explain what a factor is and</p>	<p>Watch the online videos above about division with remainders. Try one of the 'Spicy' worksheets and check your answers so you know you understand this concept.</p> <p>Watch the Sway – 2 digit division number line (with remainders). You can practise by setting your own questions then completing 2 digit division number line worksheet. Check your answers using the answer sheet provided. Upload this to assignments.</p> <p>Please highlight any mistakes you make and note what you did wrong. If you got them all correct write this on your answers know you've checked your answers. Checking your answers is a really important part of independent learning.</p> <p>There is also another method of dividing – you can practise this using the sums above or make your own on the Sway – dividing standard written method</p> <p>Complete the sheet dividing by splitting using the strategy shown on the sheet. Be careful! There are remainders in this one. Use the answer sheet to check your calculations.</p> <p>Watch this video about dividing by 4 using halving : https://www.youtube.com/watch?v=xbzZhx-xZHE</p> <p>Use this strategy to help you complete Dividing by 4 using halving – then check your answers using the sheet</p>

	<p>Watch this video about factors. https://www.youtube.com/watch?v=G0wIJ4qhQW4</p> <p>Draw some factor bugs in your jotter</p>
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Complete the worksheet Factors and check your answers using the answer sheet.