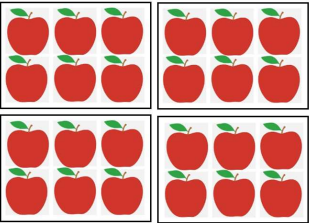


Division Master	BIDMAS Master	Problem Solving Master	Conversion Master	Fraction Master	Decimal Master
<p>Solving division equations and showing working out to demonstrate understanding.</p> <p><b>Example:</b>  <math>24 \div 6 = 4</math></p> 	<p>Using the order of operations (Brackets, Indices, Division/Multiplication, Addition/Subtraction).</p> <p><b>Example:</b>  <math>2+3 \times 6</math>  <math>2+18</math>  <math>=20</math></p>	<p>Applying number skills to solve multi step worded problems</p> <p><b>Example:</b></p> <p>Luke had 10 chickens. Each lay 8 eggs per week. 50% of those eggs break when delivered to the supermarket. How many unbroken eggs would the supermarket receive from Luke in a 52 week year?</p>	<p>Converting fractions, decimals and percentages.</p> <p><b>Example:</b></p> <p><math>25\% = 0.25 = \frac{1}{4}</math></p>	<p>Using the four operations with fractions.</p> <p><b>Example:</b></p> <p>Molly was a little bit hungry the day before her mum's birthday party and saw the cake to be eaten the next day. She decided that if she ate only <math>\frac{1}{8}</math> of it, her Mum might not notice. However, she was still super hungry and took another <math>\frac{1}{3}</math>. How much cake did Molly eat before her mum's birthday? How much of the cake was left for the party? Show your working out.</p>	<p>Using the four operations with decimals.</p> <p><b>Example:</b></p> <p><math>0.74 + 2.976 + 1.008 = 4.724</math></p>
<p><b>Ideas:</b></p> <p>Write a list of division equations for your child to complete, using 3 and 4-digit numbers.</p> <p>Provide your child with worded division problems to solve.</p>	<p><b>Ideas:</b></p> <p>Write an equation that includes at least two of the operations for your child to work out which operation comes first.</p>	<p><b>Ideas:</b></p> <p>Have your child create their own worded problems based on the example above and then solve it.</p>	<p><b>Ideas:</b></p> <p>Provide a percentage and ask your child to work out the equivalent fraction and decimal.</p> <p>Provide a fraction and ask your child to work out the percentage and decimal.</p> <p>Provide a decimal and ask your child to work out the fraction and percentage.</p>	<p><b>Ideas:</b></p> <p>Have your child create their own fraction word problem and solve it showing their working out.</p>	<p><b>Ideas:</b></p> <p>Provide students with addition, Subtraction, multiplication or division problems with decimal numbers.</p>
<p><b>Online Resources:</b></p> <p><b>Hit the Button:</b>  <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p><b>Mental Math Train:</b>  <a href="https://www.topmarks.co.uk/maths-games/mental-maths-train">https://www.topmarks.co.uk/maths-games/mental-maths-train</a></p>	<p><b>Online Resources:</b></p> <p><b>4 Cards:</b>  <a href="https://www.lovemaths.me/operations-36">https://www.lovemaths.me/operations-36</a></p> <p><b>Chasing the Magic Number:</b>  <a href="https://www.lovemaths.me/operations-36">https://www.lovemaths.me/operations-36</a></p>	<p><b>Online Resources:</b></p> <p><b>Worded problems:</b>  <a href="https://www.mathplayground.com/wpdatabase/wpindex.html">https://www.mathplayground.com/wpdatabase/wpindex.html</a></p>	<p><b>Online Resources:</b></p> <p><b>Loop Cards:</b>  <a href="https://www.topmarks.co.uk/Flash.aspx?f=loopcardsv6">https://www.topmarks.co.uk/Flash.aspx?f=loopcardsv6</a></p>	<p><b>Online Resources:</b></p> <p><b>Make Me Whole:</b>  <a href="https://www.lovemaths.me/number-36">https://www.lovemaths.me/number-36</a></p> <p><b>Worded problems</b>  <a href="https://www.mathplayground.com/wpdatabase/wpindex.html">https://www.mathplayground.com/wpdatabase/wpindex.html</a></p>	<p><b>Online Resources:</b></p> <p><b>Decimal Jeopardy:</b>  <a href="http://www.mathplay.com/Decimals-Jeopardy/decimals-jeopardy-game_html5.html">http://www.mathplay.com/Decimals-Jeopardy/decimals-jeopardy-game_html5.html</a></p>