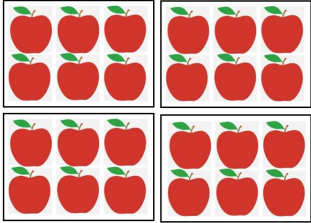


PLATINUM BELT MATHS MASTER

<p><i>Division Master</i></p>	<p>Solving division equations and showing working out to demonstrate understanding.</p> <p>Example: $24 \div 6 = 4$</p> 	<p>Ideas:</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>Online Resources:</p> <p>Hit the Button: https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p>Mental Math Train: https://www.topmarks.co.uk/maths-games/mental-maths-train</p>
<p><i>BIDMAS Master</i></p>	<p>Using the order of operations (Brackets, Indices, Division/Multiplication, Addition/Subtraction).</p> <p>Example: $2+3 \times 6$ $2+18$ $=20$</p>	<p>Ideas:</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>Online Resources:</p> <p>4 Cards: https://www.lovemaths.me/operations-36</p> <p>Chasing the Magic Number: https://www.lovemaths.me/operations-36</p>
<p><i>Problem Solving Master</i></p>	<p>Applying number skills to solve multi step worded problems</p> <p>Example:</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>Ideas:</p> <p>Have your child create their own worded problems based on the example above and then solve it.</p>	<p>Online Resources:</p> <p>Worded problems: https://www.mathplayground.com/wpdatabase/wpindex.html</p>
<p><i>Conversion Master</i></p>	<p>Converting fractions, decimals and percentages.</p> <p>Example: $25\% = 0.25 = 1/4$</p>	<p>Ideas:</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>Online Resources:</p> <p>Loop Cards: https://www.topmarks.co.uk/Flash.aspx?f=loopcardsv6</p>

PLATINUM BELT MATHS MASTER

<p><i>Fraction Master</i></p>	<p>Using the four operations with fractions.</p> <p>Example:</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 $\frac{1}{8}$ of it, her Mum might not notice. However, she was still super hungry and took another $\frac{1}{3}$. 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>Ideas:</p> <p>Have your child create their own fraction word problem and solve it showing their working out.</p>	<p>Online Resources:</p> <p>Make Me Whole: https://www.lovemaths.me/number-36</p> <p>Worted problems https://www.mathplayground.com/wpdatabase/wpindex.html</p>
<p><i>Decimal Master</i></p>	<p>Using the four operations with decimals.</p> <p>Example:</p> <p>$0.74 + 2.976 + 1.008 = 4.724$</p>	<p>Ideas:</p> <p>Provide students with addition, Subtraction, multiplication or division problems with decimal numbers.</p>	<p>Online Resources:</p> <p>Decimal Jeopardy: https://www.math-play.com/Decimals-Jeopardy/decimals-jeopardy-game_html5.html</p>