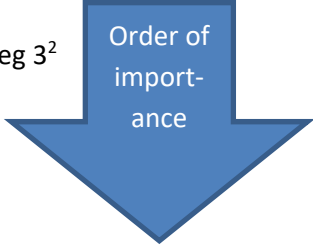


SUBJECT: **BIDMAS** – Order of operations (Was called BODMAS)

KEY-WORDS: Operators - Brackets, Indices, Division, Multiplication, Addition, Subtraction

LINK-WORDS: Scientific,

<p>NOTES</p> <p>ABSOLUTE FUNDAMENTAL RULE OF CALCULATION!</p> <p>Brackets ()</p> <p>Indices powers eg 3^2</p> <p>Division \div</p> <p>Multiplication \times</p> <p>Addition $+$</p> <p>Subtraction $-$</p> 	<p>EXAMPLE</p> <p>What is the answer to $3 + 4 \times 2$?</p> <p>Answer is NOT 14.</p> <p>\times more important than $+$, so</p> $3 + 4 \times 2$ $= 3 + 8$ $= \underline{11}$
<p>DO's</p> <p>Carry out the calculations in the above order Division and multiplication as they appear Addition and Subtraction as they appear</p> <p>Show each stage of the calculation</p> <p>Use scientific calculators (If it doesn't say scientific then it isn't. If it says scientific it might STILL not be!)</p>	<p>DON'Ts</p> <p>Don't use non-scientific calculators – they give the wrong answers!</p> <p>Don't do calculations from left to right. Maths works DOWNWARDS not across – making the problem simpler at every step.</p>

<p>RELEVANT SUBJECTS</p> <p>ALL!! Anywhere where calculations are made.</p>	<p>EXAMPLES and LINKS</p> $(8 + 4) - 3^2$ <p>Brackets first</p> $= 12 - 3^2$ <p>Now power (Index/Order)</p> $= 12 - 9$ <p>Now subtract</p> $= \underline{3}$ <p>http://www.bbc.co.uk/bitesize/ks3/maths/number/order_operation/revision/2/</p>
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