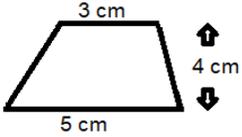


# DECEMBER... A LITTLE BIT OF MATHS EVERY DAY

# JustMaths

<p>Calculate</p> $2\frac{3}{7} - \frac{4}{7}$	<p>A square has a perimeter of 40cm what is its area?</p>	<p>Solve</p> $5x - 3 = 21$	<p>Without a calculator, work out</p> $486 \div 18$	<p>Work out</p> $150\% \text{ of } 300$	<p>What is the 3rd square number multiplied by the 2nd cube number?</p>	<p>Write 136 as a product of its prime factors.</p>
<p>Share 1980 in the ratio 4:7</p>	<p>Calculate the area</p> 	<p>What is the percentage increase from £480 to £600?</p>	<p>Write as an improper fraction</p> $3\frac{6}{15}$	<p>Write 106 500 in standard form</p>	<p>Jasmine can decorate 37 cakes every 5 minutes. She works for 7 hours a day. Estimate the total number of cakes she can decorate in one day.</p>	
<p>A car will depreciate by 20% its original value every year. After how many years is it worth less than half the original value?</p>	<p>Expand</p> $4x^2(2x - 1)$	<p>What information must be given to describe an enlargement?</p>	<p>Factorise</p> $x^2 + 8x + 15$	<p>Think of a number between 0 and 20. Add 32 to it. Multiply by 2. Now close your eyes ... its dark isnt it?? Have a break ... its Christmas!</p>		
<p>Helen &amp; Nicola share some money in the ratio 1:3. What fraction of the total does Helen have?</p>	<p>Write</p> $0.0378 \times 10^3$ <p>in standard form</p>	<p>Calculate</p> $4 + 3 \times 5 - 1$	<p><b>MERRY CHRISTMAS!!</b></p>	<p>Round 0.269 to the 2 significant figures</p>	<p>The perimeter of the triangle is 64 cm. The sides are in the ratio: 6 : 5 : 5 Calculate the area of the triangle</p>	
<p>What number is halfway between</p> $\frac{1}{2} \text{ and } 1\frac{1}{4}$	<p>Mel and Chris share some money in the ratio 3:2. Mel has £35 more than Chris. How much do they share?</p>	<p>How many prime numbers are there between 0 and 100?</p>	<p><b>REMEMBER:</b> The best way to revise maths is to "do Maths"!</p>			