
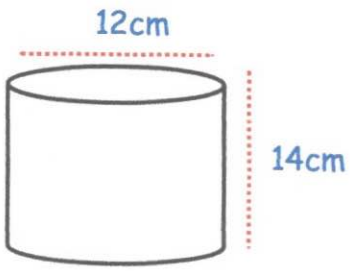


22nd March		 Corbettmaths																				
<p>In a school of 300 children. 120 are boys.</p> <p>What fraction are girls? <i>180</i></p>	<p>Simplify your answer</p> $\frac{180}{300} = \frac{3}{5}$																					
<p>Simplify <math>9w - 2w</math></p> <p style="text-align: center;"><i>7w</i></p>	<p>Simplify <math>8h + 5k + 4h - 3k</math></p> <p style="text-align: center;"><i>12h + 2k</i></p>																					
<p style="text-align: center;"><b>Shortbread</b></p> <p style="text-align: center;">Serves 8 <math>\times 3</math></p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>Butter</td><td>150g</td></tr> <tr><td>Caster Sugar</td><td>75g</td></tr> <tr><td>Plain Flour</td><td>175g</td></tr> <tr><td>Cornflour</td><td>50g</td></tr> </table> <p>How much of each ingredient will he need for 24 people?</p>	Butter	150g	Caster Sugar	75g	Plain Flour	175g	Cornflour	50g	<table style="margin-left: auto; margin-right: auto;"> <tr><td>Butter:</td><td><i>450</i></td><td>g</td></tr> <tr><td>Caster Sugar:</td><td><i>225</i></td><td>g</td></tr> <tr><td>Plain Flour:</td><td><i>525</i></td><td>g</td></tr> <tr><td>Cornflour:</td><td><del>18</del> <i>150</i></td><td>g</td></tr> </table>		Butter:	<i>450</i>	g	Caster Sugar:	<i>225</i>	g	Plain Flour:	<i>525</i>	g	Cornflour:	<del>18</del> <i>150</i>	g
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<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; width: 30px; text-align: center;">8</div> <div style="border: 1px solid black; padding: 5px; width: 30px; text-align: center;">5</div> <div style="border: 1px solid black; padding: 5px; width: 30px; text-align: center;">7</div> <div style="border: 1px solid black; padding: 5px; width: 30px; text-align: center;">4</div> <div style="border: 1px solid black; padding: 5px; width: 30px; text-align: center;">?</div> </div> <p>Shown above are five numbers. The mean of the numbers is 9.</p>	<p>Find the missing number</p> $9 \times 5 = 45$ $45 - 8 - 5 - 7 - 4 = 21$ <p style="text-align: center;"><i>21</i></p>																					
<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <math display="block">\pi \times r^2 \times h</math> </div> </div>	<p>Find the volume of the cylinder.</p> $\pi \times 6^2 \times 14$ $= 504\pi$ $= 1583.363 \text{ cm}^3$																					