
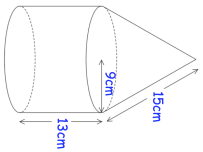

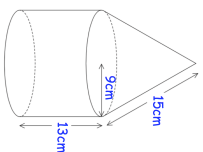


23rd July	
<p>A cylinder and a cone are joined together to make a solid. The cylinder has a radius of 9cm and height of 13cm. The cone has a slant height of 15cm. Find the total surface area of the solid.</p>	
<p> <input type="text" value="2"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="5"/> <input type="text" value="6"/> <input type="text" value="6"/> <input type="text" value="7"/> <input type="text" value="9"/> </p> <p>Rebecca has 9 cards, each with a number on it. She picks two cards at random, without replacement.</p>	<p>Calculate the probability that the number on both cards are the same.</p>
<p>Express $3x^2 + 24x - 1$ in the form $a(x + b)^2 + c$</p>	
<p>A circle has equation</p> $x^2 + y^2 = \frac{1}{9}$ <p>Write down the length of its diameter</p>	
<p>A clock has two hands. A minute hand which is 7cm long and an hour hand which is 5cm long.</p> <p>Find the distance between the tips of the two hands at 7:20am</p>	

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