
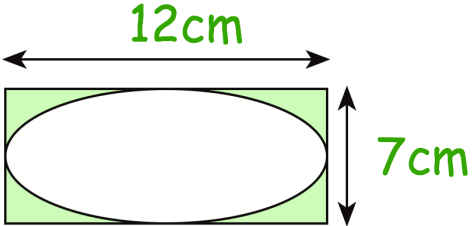
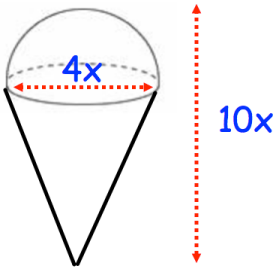


24th March	
<p>Factorise completely</p> <p>$100x - x^3$</p>	 Corbettmaths
<p>n is the set of even numbers from 1 to 400</p> <p>O is the set of odd numbers P is the set of prime numbers C is the set of cube numbers S is the set of square numbers</p>	<p>How many numbers are there in the set $O \cup P \cup C \cup S$</p>
<p>The area of an ellipse, width a and height b is given by</p> $A = \frac{\pi ab}{4}$	<p>Find the shaded area.</p> 
	<p>A solid is made by putting a hemisphere on top of a cone.</p> <p>Find an expression for the volume in terms of x.</p>
<p>The coefficient of the x^2 in the expansion of $(x + a)(x + 3)(2x - 3)$ is 9.</p> <p>Find a</p>	