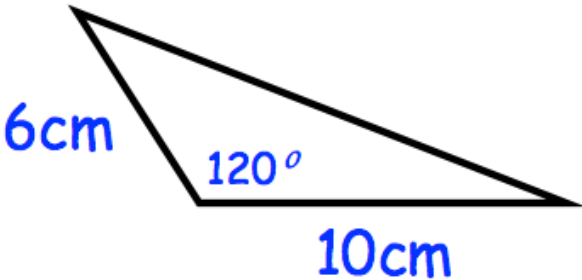
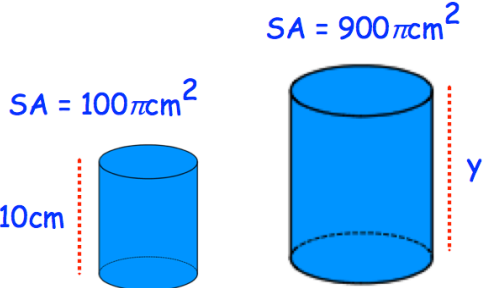


June 17	5-a-day	Higher
<p>Work out as a decimal</p> $\frac{2.3^2}{8.2 - 1.71}$		Write down your entire calculator display.
<p>Round the answer to 2 significant figures.</p>		
<p>Solve:</p> $x + 3y = 11$ $4x - 7y = 6$		
 <p>A triangle with a side of 6cm, a side of 10cm, and an included angle of 120 degrees.</p>		Calculate the area of the triangle.
 <p>Two cylinders. The smaller cylinder has a height of 10cm and a surface area of $100\pi\text{cm}^2$. The larger cylinder has a height of y and a surface area of $900\pi\text{cm}^2$.</p>		Find y .