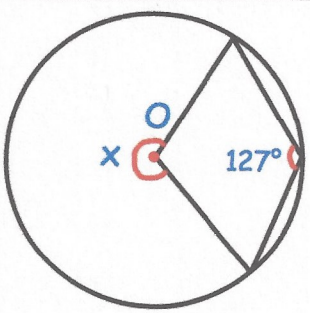


29th August	
<p>Work out the value of 2500^3</p> <p>Give your answer in standard form.</p> $(2.5 \times 10^3)^3$	<p style="text-align: right;">CorbettmOths</p> 15.625×10^9 1.5625×10^{10}
<p>Solve, to 2 decimal places</p> $4x^2 - 3x - 9 = 0$ <p style="margin-left: 150px;">$a = 4$ $b = -3$ $c = -9$</p> $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	$x = \frac{3 \pm \sqrt{9 - (-144)}}{8}$ $x = \frac{3 \pm \sqrt{153}}{8}$ $x = 1.92 \quad \text{or} \quad x = -1.17$
<p>Megan has £8000 to invest for 5 years.</p> <p>Nationbank: 3% interest for the first year and then 0.5% each year. \rightarrow</p> <p>Moneyworld: 1% interest each year</p> $8000 \times 1.01^5 = 8408.08$	<p>Which of these accounts should Megan choose?</p> $8000 \times 1.03 = 8240$ $8240 \times 1.005^4 = 8406.04$ <p style="text-align: center;"><i>Moneyworld</i></p>
	<p>Find x</p> 254°
<p>Evaluate</p> $10000^{3/4}$	$\sqrt[4]{10000} = 10$ $10^3 = 1000$