
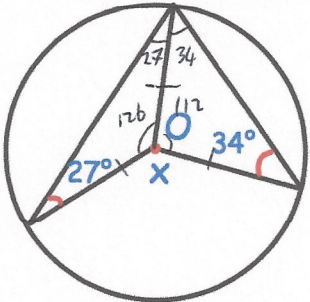


14th October		 Corbettmaths
Work out $16^0$  <div style="text-align: center; font-size: 2em;">1</div>	Work out $16^{1/2}$  <div style="text-align: center; font-size: 2em;">4</div>	
A coin is flipped three times.  What is the probability of getting exactly two tails?	$P(HHT)$ $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$ $P(THT) = \frac{1}{8}$ $P(TTH) = \frac{1}{8}$ <div style="text-align: right; font-size: 1.5em;"><math>\frac{3}{8}</math></div>	
	Find x  $360 - (126 + 112)$ $122^\circ$	
Martin has drawn a regular polygon. He says the exterior angle is $14^\circ$  Explain why Martin is incorrect.	$\text{As } 14^\circ \text{ is not a factor of } 360, \text{ he must be wrong.}$	
Solve, to one decimal place, $5x^2 + 2x - 1 = 0$ $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ <div style="margin-left: 200px;"> <math>a = 5</math>  <math>b = 2</math>  <math>c = -1</math> </div>	$x = 0.3$ or $x = -0.7$	