
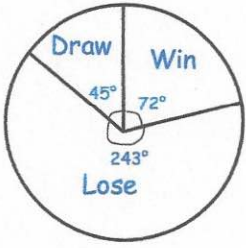

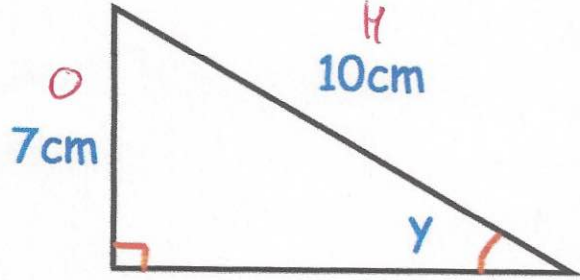


28th February		 Corbettmaths
<p>Solve</p> $y^2 - 49 = 0$ $(y - 7)(y + 7) = 0$ $y = 7 \text{ or } y = -7$	<p>Solve</p> $y^2 + 3y - 10 = 0$ $(y + 5)(y - 2) = 0$ $y = -5 \text{ or } y = 2$	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Andre</p>  </div> <div style="text-align: center;"> <p>Pete</p>  </div> </div>	<p>The pie charts show information about the results of chess matches that two players have played in over the course of a year.</p>	
<p>Andre drew 5 matches. How many matches did Andre win?</p> $5 \times 8 = 40 \text{ total}$ $40 \div 5 = 8 \text{ wins}$	<p>Edward says "the pie charts show that Pete won more matches than Andre." Is Edward correct? You must explain your answer.</p> <p><i>Not necessarily, we do not know how many matches Pete played.</i></p>	
	<p>Find the size of angle <math>y</math>.</p> $\sin y = \frac{7}{10}$ $y = \sin^{-1}\left(\frac{7}{10}\right) = 44.43^\circ$	
<p>1.6 has been truncated to one decimal place.</p> <p>Write down an inequality to show the range of possible actual values.</p>	$1.65 \leq 1.7$	