
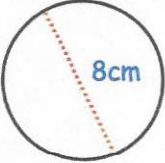
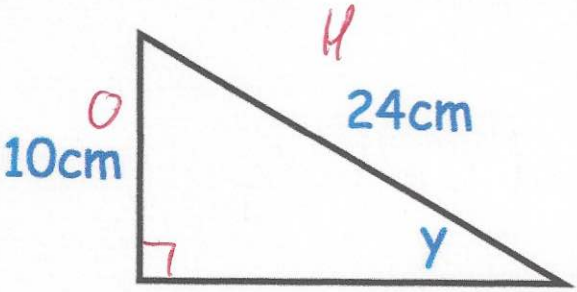


26th February	
<p>Expand and simplify</p> <p>$(x + 5)^2$</p> <p>$(x+5)(x+5)$</p> <p>$x^2 + 10x + 25$</p>	 <p>Corbettmaths</p>
 <p>Calculate the area of the circle. Leave your answer in terms of π</p>	<p>$\pi \times 4^2$</p> <p>$= 16\pi \text{ cm}^2$</p>
<p>The cost of an Xbox is $\text{£}x$ A Playstation costs $\text{£}15$ more than an Xbox. The total cost of an Xbox and a Playstation is $\text{£}335$.</p> <p>Find the cost of a Playstation.</p>	<p>$x + x + 15 = 335$</p> <p>$2x + 15 = 335$</p> <p>$2x = 320$</p> <p>$x = 160$</p> <p>$\text{£}175$</p>
<p>A line has gradient 7 and passes through the point (0, 2).</p> <p>Write down the equation of the line.</p>	<p>$y = 7x + 2$</p>
	<p>Calculate angle y in this right angled triangle.</p> <p>$\sin y = \frac{10}{24}$</p> <p>$y = \sin^{-1}\left(\frac{10}{24}\right) = 24.6^\circ$</p>