
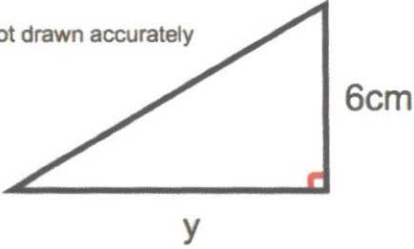


25th January		 Corbettmaths
<p>The area of the triangle is 21cm^2</p> <p>Not drawn accurately</p> 	Find y	7cm
<p>There are 700 students in a school. A teacher says that the ratio of boys to girls is 1:2. $1+2=3$</p> <p>Explain why the teacher is incorrect.</p>		<p>700 is not divisible by 3, so the ratio of boys to girls cannot be $1:2$.</p>
<p>Solve $x^2 - 49 = 0$</p> $(x-7)(x+7)=0$ $x=7 \text{ or } x=-7$		
<p>The area of a circle is 30cm^2.</p> <p>Find the length of the radius.</p> $30 \div \pi = 9.549\dots$ $r = \sqrt{9.549\dots}$		$r = 3.09\text{cm}$
<p>Line A $y = 2x + 3$</p> <p>Line B $y = \frac{1}{2}x - 3$</p> <p>Line C $y = 6 - x$</p> <p>Line D $y - 2x = 7$</p> <p>Line E $y + 2x = 3$</p>	Which two lines are parallel?	$A \text{ \& } D$