
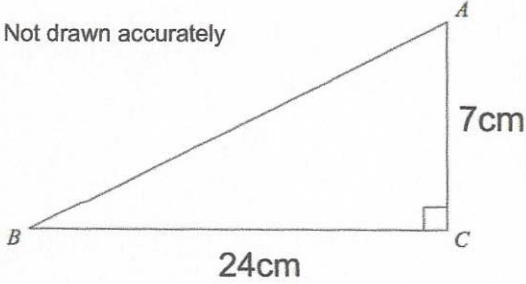



19th December		 Corbettmaths
Solve the equation $20 - 4x = 2x + 8$ $20 = 6x + 8$ $12 = 6x$	$x = 2$	
Work out $6^{-2} = \frac{1}{6^2} = \frac{1}{36}$		
Not drawn accurately 	Work out the length of AB $7^2 + 24^2 = AB^2$ $49 + 576 = AB^2$ $625 = AB^2 \quad AB = 25$	
 Exchange Rates \$ £ € £1 : \$1.55 £1 : €1.24 <small>*Commission Charged</small>	Terry goes to the Post Office to exchange money. Terry changes \$651 and €161.20 into pounds sterling. The Post Office deducts their commission and gives Terry £528.	
What is the percentage commission? $651 \div 1.55 = 420$ $161.20 \div 1.24 = 130$ $\begin{array}{r} 420 \\ + 130 \\ \hline 550 \end{array}$	$550 - 528 = 22$ $\frac{22}{550} \times 100 = 4\%$	