
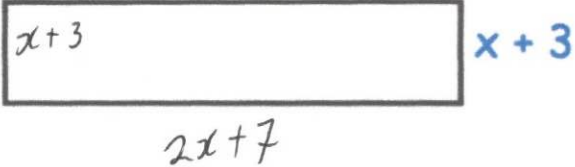
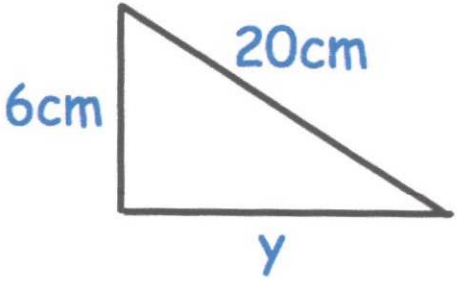


17th January		 Corbettmaths
$2x + 7$ 	The perimeter of the rectangle is 53cm Find x $6x + 20 = 53$ $\begin{array}{r} -20 \\ -20 \end{array}$ $6x = 33$ $x = 5.5$	
Make v the subject $t = \frac{v}{4} + 1$	$t - 1 = \frac{v}{4}$ $4t - 4 = v$ $v = 4t - 4$	
	Find y $6^2 + y^2 = 20^2$ $y^2 = 364$ $y = 19.08 \text{ cm}$	
Jacob buys a watch costing £84 This cost includes VAT at a rate of 20%. How much is the watch without VAT? $120\% = \text{£}84$ $100\% = 0.7$ $100\% = \text{£}70$	$\text{£}70$	
Write down the exact value of $\cos 60^\circ$ $\frac{1}{2}$	Write down the exact value of $\tan 30^\circ$ $\frac{\sqrt{3}}{3}$	