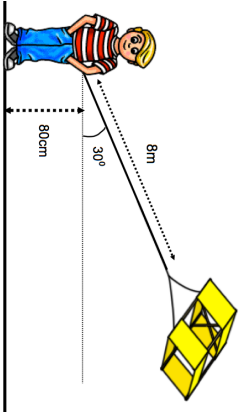
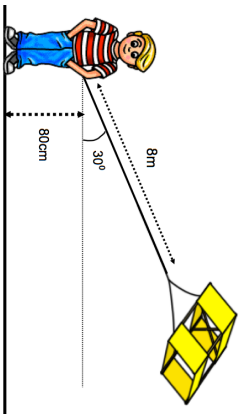


11th January		Corbettmaths
A is directly proportional to B squared. When $A = 500$, $B = 10$. Find A when $B = 20$.		
A book weighs 200g to the nearest 10g. What is the greatest possible weight of 20 books?		
Line 1 has gradient 4 and passes through the point (3, 10). What is its equation?	Write down the equation of a line perpendicular to line 1.	
	<p>The string is held 80cm above the ground. The kite is on a string which is 8m long. The string makes an angle of 30° with the horizontal. Calculate the height of the kite above the ground.</p>	

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