
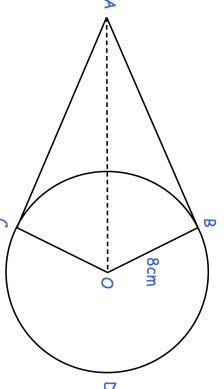

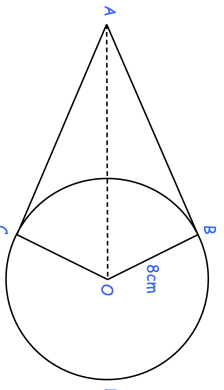


28th May	Corbettmaths 
A car travelled for 170 minutes, to the nearest 5 minutes. It travelled for a total distance of 120 km, to the nearest 10km	
Work out the greatest possible average speed, in m/s	
$x_{n+1} = -3 - \frac{5}{x_n^2}$	
Starting with $x_0 = -4$	
Find x_1 , x_2 and x_3	
Explain the relationship between the values of x_1 , x_2 and x_3 and the equation $x^3 + 3x^2 + 5 = 0$	
	Work out the length of arc BDC
B, C and D are points on a circle of radius 8cm. AB and AC are tangents to the circle. AO = 11cm	Work out the area of sector BOC

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