Name:
5-a-day
Higher Plus

28th March	3
Write 16 in the form 8 ⁿ	Corbettmouths
Rationalise the denominator	
$\sqrt{3}$	
$\overline{1+\sqrt{6}}$	
The equation of a circle C, with centre O, is $x^2 + y^2 = 225$	
Write down 5 coordinates of points that lie on C.	
The speed limit on a road is 50km/h It took Sam 60 seconds, correct to the nearest 10 seconds, to drive along a road that is 780m long, correct to 2 significant figures.	Could Sam have broken the speed limit?
The area of an equilateral triangle is 200cm²	
Find the length of each side. Give your answer to 2 decimal places.	

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