

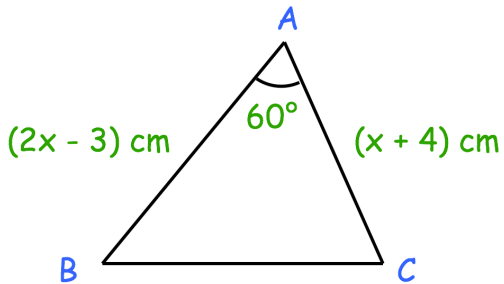
29th May



Corbettmaths

The curve $y = a^x$ crosses the y-axis at the point A

Write down the coordinates of A



The area of the triangle is $15\sqrt{3}$ cm²
Find x to 3 significant figures

Amount spent, m , (£)	Frequency
$0 < m \leq 5$	4
$5 < m \leq 10$	12
$10 < m \leq 15$	26
$15 < m \leq 20$	8

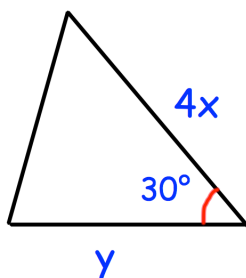
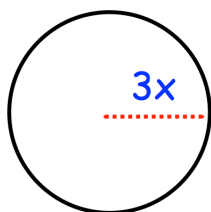
Find an estimate of the median

Given

$$f(x) = \frac{8x - 1}{5}$$

find

$$f^{-1}(x)$$



The areas of the circle and triangle are equal.
Express y in terms of x .