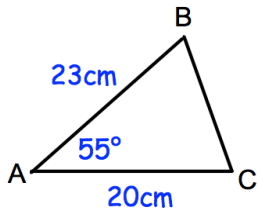


20th April



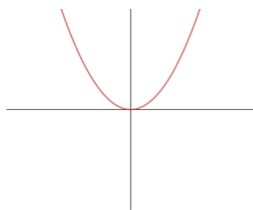
Corbettmaths

Find the area of the triangle ABC

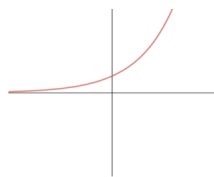


Expand $(5 - \sqrt{3})^2$ giving your answer in form $a + b\sqrt{3}$

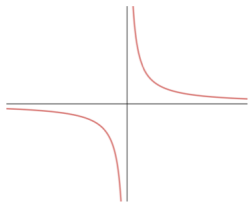
Graph A



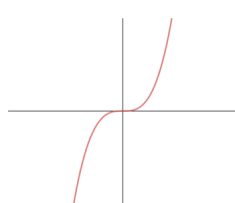
Graph B



Graph C



Graph D

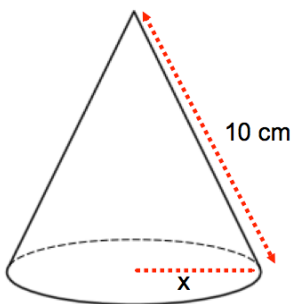


$y = x^2$ is graph **A**

$y = x^3$ is graph

$y = 2^x$ is graph

$y = \frac{1}{x}$ is graph



The total surface area of the cone is $39\pi \text{ cm}^2$
Find the length of the radius.