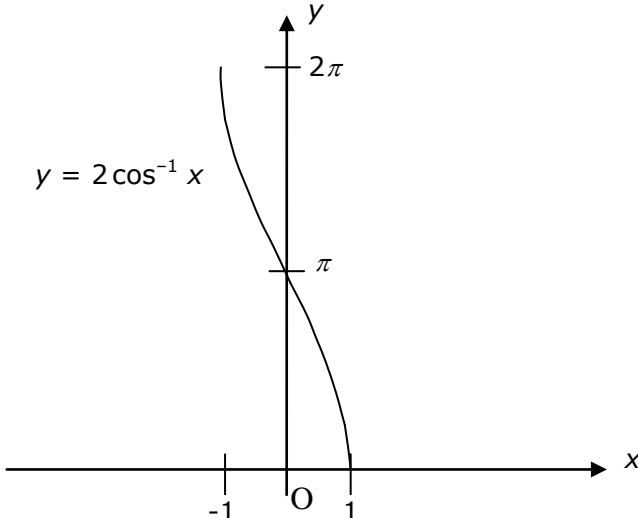


11	2d	Sketch the graph of the function $f(x) = 2 \cos^{-1} x$. Clearly indicate the domain and range of the function.	2
 <p data-bbox="224 766 519 840">Domain is $-1 \leq x \leq 1$ Range is $0 \leq y \leq 2\pi$</p>			State Mean: 1.47/2

* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by the Board of Studies

Board of Studies: Notes from the Marking Centre

In a substantial number of responses, there were dotted lines at $x = \pm 1$ or arrowheads on the end of the graph, indicating confusion about the restrictions or definitions of the inverse trigonometric functions. In some cases the y -intercept was omitted and many graphs incorrectly included a horizontal point of inflexion.

Source: http://www.boardofstudies.nsw.edu.au/hsc_exams/