

05	2a	Solve $\cos \theta = \frac{1}{\sqrt{2}}$ for $0 \leq \theta \leq 2\pi$.	2
$\cos \theta = \frac{1}{\sqrt{2}}$ $\theta = \frac{\pi}{4}, \frac{7\pi}{4}$			

* These solutions have been provided by *projectmaths* and are not supplied or endorsed by the Board of Studies

Board of Studies: Notes from the Marking Centre

This was a trigonometric equation to be solved within a domain specified in radians. The responses needed to be written in radians and with correct notation. Weaker responses included such statements as $\cos 45^\circ = \frac{\pi}{4}$ or $\cos = \frac{\pi}{4}$.

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