

07	4a	Solve $\sqrt{2} \sin x = 1$ for $0 \leq x \leq 2\pi$.	2
$\begin{aligned}\sqrt{2} \sin x &= 1 \\ \sin x &= \frac{1}{\sqrt{2}} \\ x &= \frac{\pi}{4}, \frac{3\pi}{4}\end{aligned}$			

* 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

Common mistakes included not answering in radians or errors involved in converting from degrees to radians.

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