

* 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

Most candidates recognised that $\cos ^{-1} \frac{2}{3}$ represented an angle. In many responses, candidates correctly used a double angle formula to find the answer. Some candidates used the $t$-results. In a significant number of weaker responses, candidates plugged the value into a calculator to produce an answer of $0.9938 \ldots$ For this part, candidates were asked to write the answer in the form $a \sqrt{b}$.
Source: http://www.boardofstudies.nsw.edu.au/hsc exams/

