08	1a	Evaluate 2 cos $\frac{\pi}{5}$ correct to three significant figures.	2

$\qquad$ 2 cos $\frac{\pi}{5}$ = 1.618033989 …   [Change your calculator to Radian mode, or use $\frac{\pi}{5}$ = 36°]

$\qquad\qquad$ = 1.62

* 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

Many candidates used the calculator incorrectly. The main error was to use degree mode in the calculation arriving at the incorrect answer of 1.999879… .

In weaker responses, candidates did not convert their answers to three significant figures and instead gave answers to three decimal places.

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