07	1a	Evaluate $\sqrt{\pi^2+5}$ correct to two decimal places.	2

$\sqrt{\pi^2+5}$ = $\sqrt{\ }$ (π^2+5) on calculator
= 3.856112602 …
= 3.86 correct to 2 decimal places

* 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

The majority of errors came from candidates calculating incorrect expressions such as $\sqrt{3.14^2+5}$, $\sqrt{\pi^2}+5$, π^2+5, $\sqrt{\pi^2\times5}$, $\sqrt{\pi^2-5}$, $\sqrt{\pi^2\div5}$ or $\pi+\sqrt{5}$. Candidates should write their calculator display before rounding off.

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