05	1a	Evaluate $\sqrt{\frac{275.4}{5.2 \times 3.9}}$ correct to two significant figures.	2

$\sqrt{\frac{275.4}{5.2 \times 3.9}}$ = 3.685089098 … Calculator sequence: $\sqrt{}$ (275.4 ÷ (5.2 × 3.9))

= 3.7 to 2 significant figures

* 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 part was done well. A common error was to round to two decimal places rather than two significant figures. Candidates are reminded that writing the full calculator display and then rounding may enable part marks to be awarded.

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