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<b>08</b>	<b>1c</b>	Simplify $\frac{2}{n} - \frac{1}{n+1}$	<b>2</b>
$\begin{aligned}\frac{2}{n} - \frac{1}{n+1} &= \frac{2(n+1) - n}{n(n+1)} \\ &= \frac{2n + 2 - n}{n(n+1)} \\ &= \frac{n + 2}{n(n+1)}\end{aligned}$			

\* 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

In weaker responses, incorrect denominators were used. Often the numerator was calculated correctly but without a denominator given in the answer. Erroneous cancelling of terms also led to incorrect solutions. Poor setting out of working in many responses seemed to contribute to errors in this part.

Source: [http://www.boardofstudies.nsw.edu.au/hsc\\_exams/](http://www.boardofstudies.nsw.edu.au/hsc_exams/)