05	1d	Express $\dfrac{(2x-3)}{2} - \dfrac{(x-1)}{5}$ as a single fraction in its simplest form.	2

$$\frac{(2x-3)}{2} - \frac{(x-1)}{5} = \frac{5(2x-3) - 2(x-1)}{10}$$
$$= \frac{10x - 15 - 2x + 2}{10}$$
$$= \frac{8x - 13}{10}$$

* 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 attempted this part. In the better responses candidates demonstrated an understanding of algebraic fractions by finding the lowest common denominator and correctly simplifying the numerator. Common errors included incorrect removal of brackets, removing the denominator, or treating the expression as an equation.

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