

<b>13</b>	<b>11</b>	The polynomial equation $2x^3 - 3x^2 - 11x + 7 = 0$ has roots $\alpha$ , $\beta$ and $\gamma$ .	<b>1</b>
	<b>a</b>	Find $\alpha\beta\gamma$ .	
$\alpha\beta\gamma = -\frac{d}{a}$ $= -\frac{7}{2}$			State Mean: <b>0.86/1</b>

\* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by the Board of Studies

### Board of Studies: Notes from the Marking Centre

Most candidates answered this part correctly.

Common problems were:

- not knowing the correct formula
- omitting the '-' sign.

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