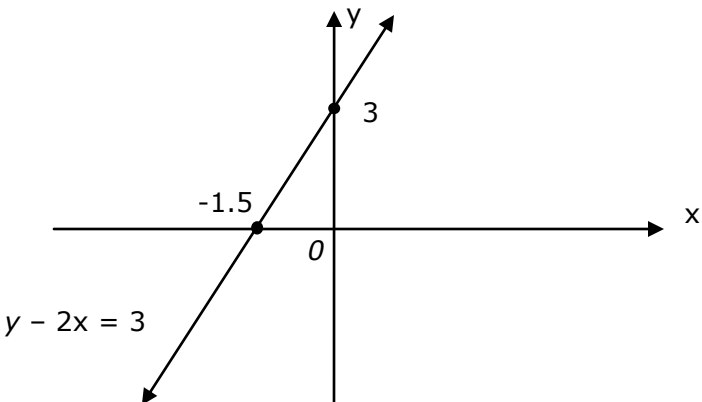


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09	1a	Sketch the graph of $y - 2x = 3$, showing the intercepts on both axes.	2
<p>For $y - 2x = 3$, $y = 2x + 3$</p> <p>Let $x = 0$, $y = 2 \times 0 + 3$ $y = 3$ y-intercept of 3</p> <p>Let $y = 0$, $0 = 2x + 3$ $\frac{2x}{2} = \frac{-3}{2}$ $= -1.5$ x-intercept of -1.5</p> 			<p>State Mean: 1.69/2</p>

* 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

Although most candidates sketched a line, many responses failed to correctly display the intercepts on both axes. Candidates are reminded that a response can only gain full marks if it correctly addresses all aspects of the question.

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