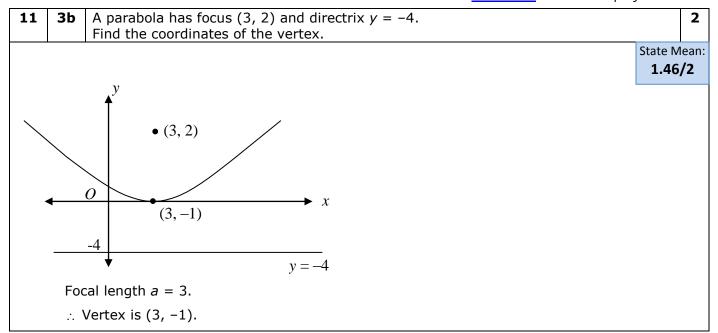
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^{*} These solutions have been provided by projectmaths and are not supplied or endorsed by the Board of Studies

Board of Studies: Notes from the Marking Centre

In responses that included an accurate diagram, the point (3, -1) as the vertex was easily obtained. A significant number correctly stated that x = 3, but found an incorrect y value. Errors resulted from not knowing that the vertex is halfway between the focus and directrix or from a lack of basic cartesian plane knowledge, with a common incorrect solution being (-1, 3).

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