06	1e	Solve $3 - 5x \leq 2$.	2

$$3 - 5x \leq 2$$

$$-5x \leq 2 - 3$$

$$-5x \leq -1$$

$$\frac{-5x}{-5} \geq \frac{-1}{-5}$$

$$x \geq \frac{1}{5}$$

* 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

The importance of clear and logical setting out is stressed here as many solutions included confusing setting out, particularly when dividing by a negative number. Candidates whose first line of working was $3 \leq 2 + 5x$ avoided dividing by a negative number and did not need to consider the change of inequality sign.

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