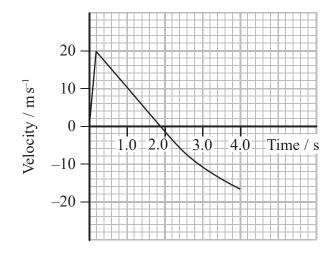


A velocity-time graph for the bottle for the first 4s after take-off is shown.



(a)	Determine t	he height	to which	the roc	ket travelled.
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(2)

Height =	=

(b) Sketch the corresponding acceleration-time graph on the axes below.

(5)

