·-/	Show that $V = 6\pi r^2 - \frac{1}{3}\pi r^3$.	[1]
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1) (1	Given that r can vary, find the non-zero value of r for which V has a stationary value is a maximum.	due and show [4]
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	Find the maximum volume of a cone that can be made by these machines.	[1]
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