3	The volume of liquid in a container is $V \text{ cm}^3$ when the depth of the liquid is $h \text{ cm}$. Liquid is leaking from the container at a rate of $24 \text{ cm}^3/\text{s}$.		
	Given that $V = 5h^3$, find the rate, in cm/s, at which the depth of the liquid is decreasing when $V = 800$. Give your answer to 2 significant figures.		
		(7)	

Question 3 continued
(Total for Question 3 is 7 marks)

