6	The volume of oil in a container is $V  \text{cm}^3$ when the height of the oil is $h  \text{cm}$ . Oil is pouring into the container at a constant rate of $12  \text{cm}^3/\text{s}$ . Given that $V = 3h^3$	
	find the exact rate, in cm/s, at which the height of the oil is increasing when $V = 1536 \text{ cm}^3$	
		(7)

Question 6 continued			
(Total for Question 6 is 7 m	arks)		

