Similar 3D Figures A and B are mathematically similar figures The surface area of A =  $800 \text{ cm}^2$ The surface area of B =  $1800 \text{ cm}^2$ 

c) The height of B = 45 cm, find height of A 5) The volume of A = 16000 cm<sup>3</sup> find volume of B

			A		ß
	Area	2	800	;	1800
		£	4	:	9
	Length	£	14	1	59
		5	2	•	3
	$\bigvee$ o	C	2 <sup>3</sup>	:	33
		5	8	-	27
Height of	A = He	islt or	FB ×	2/3	
	= 4	5 x 2 3		30	< m