

Fill in the Blanks

Similar Areas and Volumes

	Length	Area	Volume
Scale Factor	2	4	8
Shape A	5 cm	30 cm ²	100 cm ³
Shape B	10 cm	120 cm ²	

	Length	Area	Volume
Scale Factor	3	9	27
Shape A	4 cm	16 cm ²	50 cm ³
Shape B	12 cm		

	Length	Area	Volume
Scale Factor	2		
Shape A	15 mm	35 mm ²	64 mm ³
Shape B	30 mm		

	Length	Area	Volume
Scale Factor			
Shape A	2 m	1.5 m ²	16 m ³
Shape B	5 m		

	Length	Area	Volume
Scale Factor			
Shape A	4 cm		
Shape B	12 cm	72 cm ²	540 cm ³

	Length	Area	Volume
Scale Factor			
Shape A	2.4 m		
Shape B	1.2 m	4 m ²	5.6 m ³

	Length	Area	Volume
Scale Factor	1.5		
Shape A			
Shape B	7.5 cm	45 cm ²	202.5 cm ³

	Length	Area	Volume
Scale Factor	$\frac{4}{3}$		
Shape A	1.8 cm		54 cm ³
Shape B		80 cm ²	