



# Fill In The Blanks...



## Similar Areas and Volumes

	Length	Area	Volume
<b>Scale Factor</b>	2	4	8
<b>Shape A</b>	5 cm	30 cm <sup>2</sup>	100 cm <sup>3</sup>
<b>Shape B</b>	10 cm	120 cm <sup>2</sup>	

	Length	Area	Volume
<b>Scale Factor</b>	3	9	27
<b>Shape A</b>	4 cm	16 cm <sup>2</sup>	50 cm <sup>3</sup>
<b>Shape B</b>	12 cm		

	Length	Area	Volume
<b>Scale Factor</b>	2		
<b>Shape A</b>	15 mm	35 mm <sup>2</sup>	64 mm <sup>3</sup>
<b>Shape B</b>	30 mm		

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	2 m	1.5 m <sup>2</sup>	16 m <sup>3</sup>
<b>Shape B</b>	5 m		

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	4 cm		
<b>Shape B</b>	12 cm	72 cm <sup>2</sup>	540 cm <sup>3</sup>

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	2.4 m		
<b>Shape B</b>	1.2 m	4 m <sup>2</sup>	5.6 m <sup>3</sup>

	Length	Area	Volume
<b>Scale Factor</b>	1.5		
<b>Shape A</b>			
<b>Shape B</b>	7.5 cm	45 cm <sup>2</sup>	202.5 cm <sup>3</sup>

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