

# Fill in the Blanks Harder Similar Areas and Volumes

	Length	Area	Volume
<b>Scale Factor</b>		4	8
<b>Shape A</b>	3 cm	10 cm <sup>2</sup>	25 cm <sup>3</sup>
<b>Shape B</b>			

	Length	Area	Volume
<b>Scale Factor</b>		9	
<b>Shape A</b>	4 cm	20 cm <sup>2</sup>	70 cm <sup>3</sup>
<b>Shape B</b>			

	Length	Area	Volume
<b>Scale Factor</b>			125
<b>Shape A</b>	0.5 m	2 m <sup>2</sup>	5 m <sup>3</sup>
<b>Shape B</b>			

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	4.5 mm	20 mm <sup>2</sup>	35 mm <sup>3</sup>
<b>Shape B</b>		180 mm <sup>2</sup>	

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	2.5 cm	8 cm <sup>2</sup>	20 cm <sup>3</sup>
<b>Shape B</b>			67.5 cm <sup>3</sup>

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	0.6 m	2.8 m <sup>2</sup>	
<b>Shape B</b>		0.7 m <sup>2</sup>	1.4 m <sup>2</sup>

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>		1.8 cm <sup>2</sup>	
<b>Shape B</b>	2 cm	5 cm <sup>2</sup>	25 cm <sup>3</sup>

	Length	Area	Volume
<b>Scale Factor</b>			
<b>Shape A</b>	7.5 cm		135 cm <sup>3</sup>
<b>Shape B</b>		22 cm <sup>2</sup>	40 cm <sup>3</sup>