



Fill In The Blanks...



Harder Similar Areas and Volumes

	Length	Area	Volume
Scale Factor	2	4	8
Shape A	3 cm	10 cm ²	25 cm ³
Shape B	6 cm	40 cm ²	200 cm ³

	Length	Area	Volume
Scale Factor	3	9	27
Shape A	4 cm	20 cm ²	70 cm ³
Shape B	12 cm	180 cm ²	1890 cm ³

	Length	Area	Volume
Scale Factor	5	25	125
Shape A	0.5 m	2 m ²	5 m ³
Shape B	2.5 m	50 m ²	625 m ³

	Length	Area	Volume
Scale Factor	3	9	27
Shape A	4.5 mm	20 mm ²	35 mm ³
Shape B	13.5 mm	180 mm ²	945 mm ³

	Length	Area	Volume
Scale Factor	$\frac{3}{2}$	$\frac{9}{4}$	$\frac{27}{8}$
Shape A	2.5 cm	8 cm ²	20 cm ³
Shape B	3.75 cm	18 cm ²	67.5 cm ³

	Length	Area	Volume
Scale Factor	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$
Shape A	0.6 m	2.8 m ²	11.2 m ³
Shape B	0.3 m	0.7 m ²	1.4 m ³

	Length	Area	Volume
Scale Factor	$\frac{5}{3}$	$\frac{25}{9}$	$\frac{125}{27}$
Shape A	1.2 cm	1.8 cm ²	5.4 cm ³
Shape B	2 cm	5 cm ²	25 cm ³

	Length	Area	Volume
Scale Factor	$\frac{2}{3}$	$\frac{4}{9}$	$\frac{8}{27}$
Shape A	7.5 cm	49.5 cm ²	135 cm ³
Shape B	5 cm	22 cm ²	40 cm ³