



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	800 cm ³

	Length	Area	Volume
Scale Factor	3	9	27
Shape A	4 cm	16 cm ²	50 cm ³
Shape B	12 cm	144 cm ²	1350 cm ³

	Length	Area	Volume
Scale Factor	2	4	8
Shape A	15 mm	35 mm ²	64 mm ³
Shape B	30 mm	140 mm ²	512 mm ³

	Length	Area	Volume
Scale Factor	$\frac{5}{2}$	$\frac{25}{4}$	$\frac{125}{8}$
Shape A	2 m	1.5 m ²	16 m ³
Shape B	5 m	9.375 m ²	250 m ³

	Length	Area	Volume
Scale Factor	3	9	27
Shape A	4 cm	8 cm ²	20 cm ³
Shape B	12 cm	72 cm ²	540 cm ³

	Length	Area	Volume
Scale Factor	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$
Shape A	2.4 m	16 m ²	44.8 m ³
Shape B	1.2 m	4 m ²	5.6 m ³

	Length	Area	Volume
Scale Factor	1.5	2.25	3.375
Shape A	5 cm	20 cm ²	60 cm ³
Shape B	7.5 cm	45 cm ²	202.5 cm ³

	Length	Area	Volume
Scale Factor	$\frac{4}{3}$	$\frac{16}{9}$	$\frac{64}{27}$
Shape A	1.8 cm	45 cm ²	54 cm ³
Shape B	2.4 cm	80 cm ²	128 cm ³