

Reference Sheet

The Regents Examination in Geometry will include a reference sheet containing the formulas specified below.

Volume	Cylinder	$V = Bh$ where B is the area of the base
	Pyramid	$V = \frac{1}{3}Bh$ where B is the area of the base
	Right Circular Cone	$V = \frac{1}{3}Bh$ where B is the area of the base
	Sphere	$V = \frac{4}{3}\pi r^3$

Lateral Area (L)	Right Circular Cylinder	$L = 2\pi rh$
	Right Circular Cone	$L = \pi rl$ where l is the slant height

Surface Area	Sphere	$SA = 4\pi r^2$
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This formula sheet was prepared by the NY State Education Department.
It can be referenced at <http://www.emsc.nysed.gov/osa/mathre/testspecs-geometry.pdf>