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| **Reference Table** |

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| http://www.regentsprep.org/regents/math/algebra/as2/j0095769.gif | **Volume** is measured in **cubic** units.**Surface area** is measured in **square** units. |

**Volume (*V*) and Surface Area (*SA*) Formulas
Note:**Surface area formulas may need to be amended if the figure has "open" surfaces,
such as when working with a box without a lid or with an empty paper towel roll.

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| http://www.regentsprep.org/regents/math/algebra/as2/recsolid.gif | **Rectangular Solid*****V=lwh******SA=2lh + 2hw + 2lw***This formula assumes a "closed box", with all 6 sides. |
| http://www.regentsprep.org/regents/math/algebra/as2/cylinder.gif | **Cylinder**http://www.regentsprep.org/regents/math/algebra/as2/Solids1.gifhttp://www.regentsprep.org/regents/math/algebra/as2/Solids2.gifThis formula assumes a "closed container", with a top and bottom.. |
| (*optional formula*)http://www.regentsprep.org/regents/math/algebra/as2/sphere.gif | **Sphere**http://www.regentsprep.org/regents/math/algebra/as2/Solids3.gifhttp://www.regentsprep.org/regents/math/algebra/as2/Solids4.gif |
| (*optional formula*)http://www.regentsprep.org/regents/math/algebra/as2/cone.gif | **Cone**http://www.regentsprep.org/regents/math/algebra/as2/Solids5.gifhttp://www.regentsprep.org/regents/math/algebra/as2/Solids6.gifThis formula assumes a "closed container", with a bottom.. |