

CALCULATE VOLUME

## Cube

V = a3, in which $\mathbf{a}$ is the length of one of the sides.


Rectangular Prism
$\mathrm{V}=\mathrm{abc}$, in which $a$ is the length, $b$ is the width, and $c$ is the depth.


Sphere
$\mathrm{V}=\left(4 \mathrm{pr}^{3}\right) / 3$, in which p is about 3.1416 and $r$ is the radius.

## Cylinder

$\mathrm{V}=\mathrm{pr} \mathrm{r}^{2} \mathrm{~h}$, in which p is about 3.1416, $r$ is the radius of the base, and $h$ is the height.

## Cone

$V=(p r 2 h) / 3$, in which $p$ is about 3.1416, $r$ is the radius of the base, and $h$ is the height.

## Pyramid



V = (Ah)/3, in which $A$ is the area of the base and $h$ is the height


