

Sphere

$$V = \frac{4}{3} \pi r^3$$

V = Volume

r = radius

Hemisphere

$$V = \frac{2}{3} \pi r^3$$

V = Volume

r = Radius

Cylinder

$$V = (2 \times \pi \times r) \times l$$

V = Volume

r = Radius

l = Length

Cube

$$V = a^3$$

V = Volume

a = Side (length)

Cuboid

$$V = h \times l \times b$$

V = Volume

h = Height

l = Length

b = Base (Width)

Triangular Prism

$$V = \frac{1}{2} \times h \times b \times l$$

V = Volume

h = Height

b = Base

l = Length

Pyramid

$$V = l \times w \times h / 3$$

V = Volume

l = Length

w = Width (or Base)

h = Height

Cone

$$V = \frac{1}{3} \times h \times \pi \times r^2$$

V = Volume

h = Height

r = Radius

Tetrahedron

$$V = \frac{a^3}{6\sqrt{2}}$$



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cheatography.com/cheat/

Published 24th November, 2020.
Last updated 24th November, 2020.
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