

Math formulas for Volume for 3D shapes Cheat Sheet by Cheat via cheatography.com/128959/cs/25391/

		re

 $V = 4/3 \pi x r^3$

V = Volume

r = radius

Hemisphere

 $V = (2/3)\pi \times r3$

V = Volume

r = Radius

Cylinder

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

V = Volume

r = Radius

I = Length

Cube

 $V = a^3$

V = Volume

a = Side (length)

Cuboid

 $V = h \times l \times b$

V = Volume

h = Height

I = Length

b = Base (Width)

Triangular Prism

 $V = 1/2 \times h \times b \times l$

V = Volume

h = Height

b = Base

I = Length

Pyramid

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

V = Volume

I = Length

w = Width (or Base)

h = Height

Cone

 $V = 1/3 \times h \times \pi \times r^2$

V = Volume

h = Height

r = Radius

Tetrahedron

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

C

By **Cheat** cheatography.com/cheat/

Published 24th November, 2020. Last updated 24th November, 2020. Page 1 of 1. Sponsored by **CrosswordCheats.com** Learn to solve cryptic crosswords! http://crosswordcheats.com