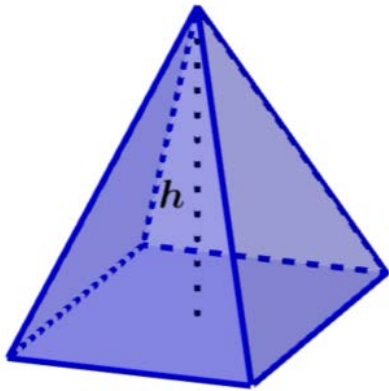


3D Solids

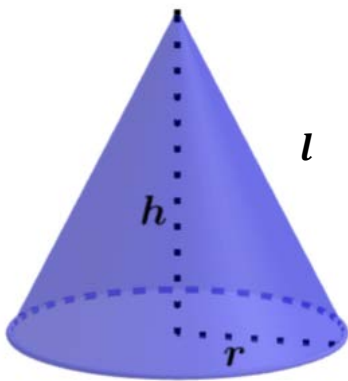


Pyramid

$$V = \frac{1}{3}Ah$$

A = area of the base

h = height



Cone

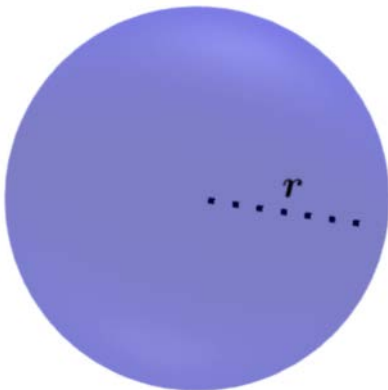
$$V = \frac{1}{3}\pi r^2 h$$

$$A = \pi r l + \pi r^2$$

r = radius

h = height

l = slant height

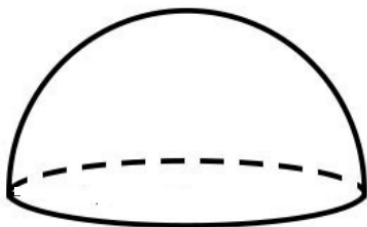


Sphere

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

$$A = 4\pi r^2$$

r = radius



Hemisphere

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

$$A = 3\pi r^2$$

r = radius