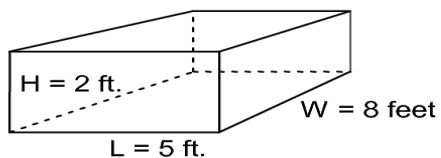


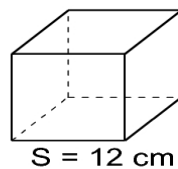
Volume Worksheet I
Find the VOLUME of each of the following Solids

Rectangular Solid



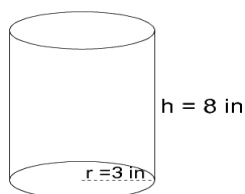
- 1) FORMULA:
 VOLUME =

Cube



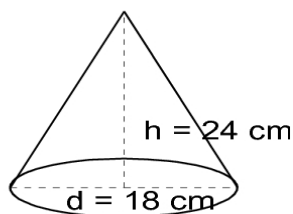
- 2) FORMULA:
 VOLUME =

Cylinder



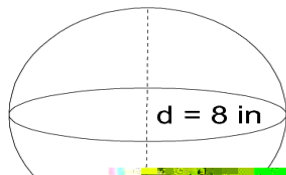
- 3) FORMULA:
 VOLUME =

Cone

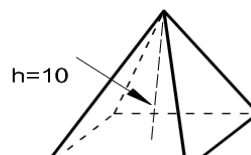


- 4) FORMULA:
 VOLUME =

Sphere



Square Pyramid



... below about the x -axis. (Hint: Revolve the first quadrant portion $y = (1 - x^{2/3})^{3/2}$, $0 \leq x \leq 1$, about the x -axis, and double your result.)

The graph shows a curve in the first quadrant of a Cartesian coordinate system. The curve starts at the point $(1, 0)$ and ends at $(0, 1)$. The equation $x^{\frac{2}{3}} + y^{\frac{2}{3}} = 1$ is written near the curve. The x-axis is labeled with -1 , 0 , and 1 .