

VOLUME FORMULAS

VOLUME: RECTANGULAR TANK

$$\begin{aligned}\text{Rectangular tank} &= (\text{Area of rectangle}) (\text{Third Dimension}) \\ &= (lw) (\text{Third Dimension})\end{aligned}$$

VOLUME: TROUGH

$$\begin{aligned}\text{Trough} &= (\text{Area of triangle}) (\text{Third Dimension}) \\ &= (bh/2) (\text{Third Dimension})\end{aligned}$$

VOLUME: CYLINDER

$$\begin{aligned}\text{Cylinder} &= (\text{Area of circle}) (\text{Third Dimension}) \\ &= (0.785 D^2) (\text{Third Dimension})\end{aligned}$$