

COMPUTING POOL VOLUME IN GALLONS

1. Mathematical formulas
 - a. If computed in inches, divide the total by 231.
 - b. If computed in feet, multiply the total by 7.5.Rectangular shapes: length \times width \times depth.
Circular shapes: $3.14 \times \text{radius}^2 \times \text{depth}$.
2. Using a domestic water meter: Use a wrench to turn the locking nut on the meter to remove the lid. Record the reading before filling the pool. Subtract this figure from the figure recorded after filling is completed. No water at all should be used in the house during filling.
3. Using hose output: Fill a large bucket for exactly 60 seconds. Measure the water in pints and divide by 8 to compute U.S. gallons. Record start and stop times of filling the pool. Multiply the total minutes required for filling by the number of gallons the hose discharges in one minute.