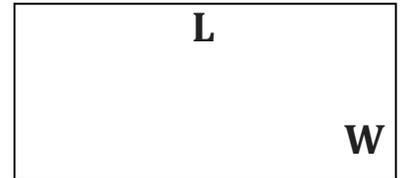




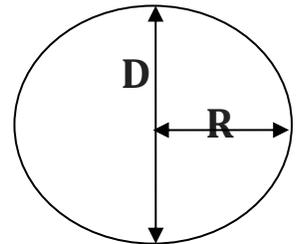
GENERAL FORMULA POOL AND SPA
SURFACE AREA and POOL VOLUME CALCULATIONS

Calculating Surface Area:

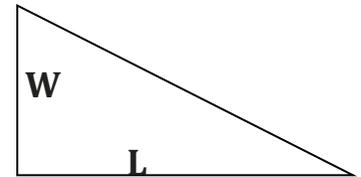
Rectangular pool = L (*length*) x W (*width*)



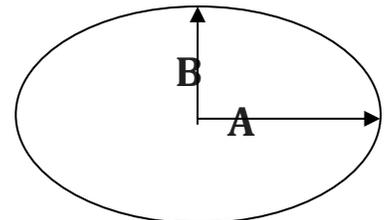
Circular Pool = R (*radius*) x R (*radius*) x 3.14 (*pi*)



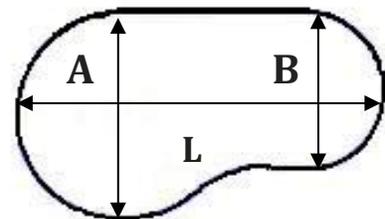
Triangle (right) = $\frac{L (\text{length}) \times W (\text{width})}{2}$



Oval Pool = A (*major axis*) x B (*minor axis*) x 3.14 (*pi*)



Kidney Pools = (A + B) x L (*length*) x 0.45



Pool capacity (bather's load) = surface area divided by 20

Spa capacity (bather's load) = surface area divided by 10

Calculating Pool Volume:

Surface area (sq. ft.) x average depth (ft.) x 7.48gals/cu.ft. = _____ Gallons