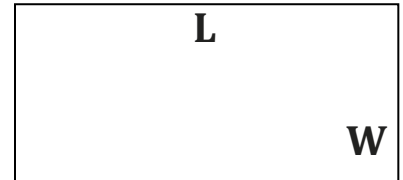




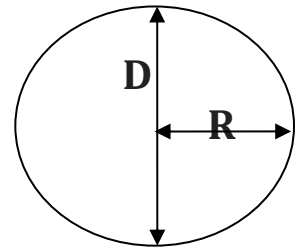
**GENERAL FORMULA POOL AND SPA**  
*SURFACE AREA and POOL VOLUME CALCULATIONS*

**Calculating Surface Area:**

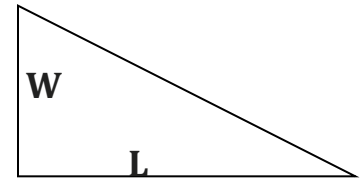
*Rectangular pool* = L (length) x W (width)



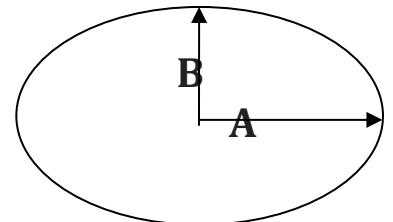
*Circular Pool* = R (radius) x R (radius) x 3.14 (pi)



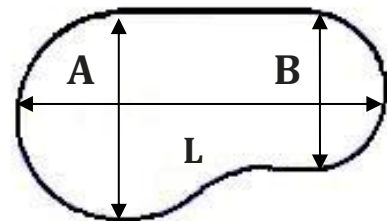
*Triangle (right)* =  $\frac{L \text{ (length)} \times W \text{ (width)}}{2}$



*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