Computing total yard(s) of concrete for common geometric shapes:

Rectangle and/or Square

Use work sheet in conjunction with Math Cheat Sheet:

First convert all measurements to feet.

Converting inches into feet:

4" ÷ 12" = .33', 6" ÷ 12" = .50', 8" ÷ 12" = .66' etc.

The Formula Used:

L x W x T ÷ 27 = Total Yard(s) of concrete.

Length of slab in feet = L _____

Width of slab in feet = W _____

Length x Width = Area (square feet)

L _____ x W _____ = Area _____

Area x Thickness (in feet) = Cubic Feet.

A _____ x T _____= CF _____

Cubic Feet ÷ 27 (cubic feet per one yard) = Total Yard(s) of concrete.

CF _____ ÷ _____27_____ = TY _____

This is the exact amount of concrete.

The amount of concrete ordered must reflect the variations in grade and needs for edges and floating.