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

Circle and/or Columns

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:

π x R² x H ÷ 27 = Total Yard(s) of concrete.

R _____ x R _____ = R² _____

π _____ x R² _____ = Area _____

Height of column = H _____

Area _____ x H _____ = 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 the needs for edges and floating.

π x D = Linear Measure (form material in feet needed)