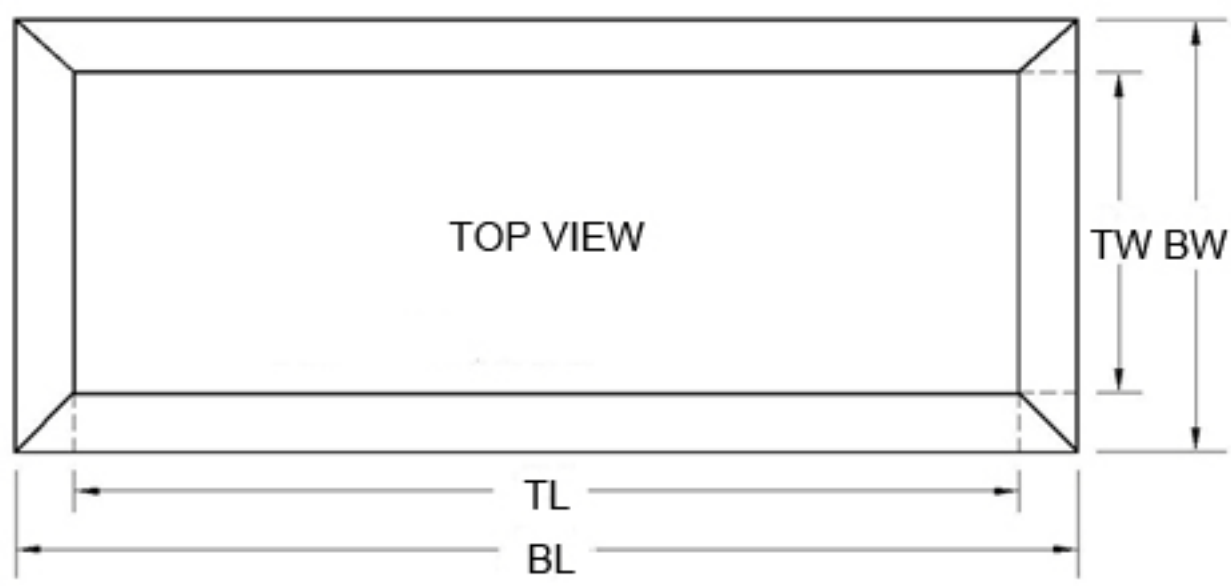
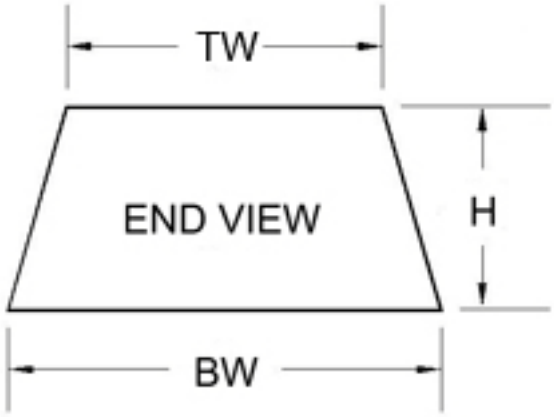
SPECIFIC GRAVITY (SG) WORKSHEET





1. Obtain the indicated measurements in millimeters (mm) *exactly:*

TW = _____ mm (Top Width)

BW = _____ mm (Bottom Width)

TL = _____ mm (Top Length)

BL = _____ mm (Bottom Length)

H = _____ mm (Height)

2. Divide each millimeter measurement by 10 to get measurements in centimeters:

TW = ____ cm BW = ____ cm TL = ____ cm BL = ____ cm H = ____ cm

3. Use the centimeter measurements to find the volume (V) in cubic centimeters (cc):

[H / 3] x [(TWxTL) + (BWxBL) + (BLxTW + TLxBW) / 2] = V

[_____ / 3] x [(_____x_____) + (_____x_____) + (_____x_____ + _____x_____) /2]
H *TW* *TL* *BW* *BL* *BL* *TW* *TL* *BW*

= _____ cc
V

4. Multiply kilograms _____ kg by 1000 to get grams _____ g. Then divide by V.

SG = _____ / _____ = _____
g *V* *SG*