

**Creation of a Font: Area & Volume****Instructions**

You will calculate the Area and Volume of their project. Using the area below you need to find the total area and volume of the project.

**Area**Medium 1

$$A = 23 \text{ cm}(8.5 \text{ cm})$$

$$A = 195.5 \text{ cm}^2$$

Medium 2

$$3\frac{7}{8} \text{ in}$$

$$1 \text{ in}$$

$$A = 3\frac{7}{8} \text{ in}(1 \text{ in})$$

$$A = 3\frac{7}{8} \text{ in}^2$$

**Volume**Medium 1

$$h = 0.7 \text{ cm}$$

$$V = Ah$$

$$V = 195.5 \text{ cm}^2(0.7 \text{ cm})$$

$$V = 136.85 \text{ cm}^3$$

Medium 2

$$h = \frac{1}{2} \text{ in}$$

$$A = 3\frac{7}{8} \text{ in}^3$$

$$V = Ah$$

$$V = \left(3\frac{7}{8}\right)\left(\frac{1}{2}\right)$$

$$V = 2\frac{7}{16} \text{ in}^3$$