lg.253. #3. cm  $V = (\pi r^2) \times H$   $\int 70 \text{ cm} \quad V = 3.14(25)^2 \times 70$   $V = 1.37375 \text{ cm}^3$ 50cm 6) (b)  $V = L \times W \times H$ =  $H_0 \times 80 \times 15$ =  $55200 \text{ cm}^3$ . 137375 = 55,200 = 2.488677536 (c) 2.488677536 × 20 = 50 Kg . (c) V= TTr2 × H = 3.14 ( 12.5) x 35 = 17171.875 cm 3.

l. Pg. 270 #6. SH= XTra + 2TTrh. 111<sup>2</sup> + 2717h 3.14(900)<sup>2</sup> + 2(3.14)(900)(1570) 3.14(81000) + 8873640 2543400 + 8873640 = 11,417,040 mm<sup>2</sup> 5??  $\begin{array}{rcl} C_{000} & SA &= & 77\sqrt{2} + & 7775 \\ &= & 7775 \\ &= & 3.14(900)(2129.53) \end{array}$ 900 930 6018051,78 mm2.  $a^2 + b^2 = h^2$   $1930^2 + 900^2 = h^2$ 11,417,040 6,018,051.78 3724900 + 810000 = h2. = 17435091.78 mm2- $4534900 = h^2$ h = 2129.53 mm

$$# (|xw) \times H + 5a08.33$$
  

$$= 25000 \text{ cm}^{3} = 30067.705 \text{ cm}^{3}$$
  

$$V = (|xw) \times H = V = (|xw) \times H$$
  

$$= 35x35 \times 35$$
  

$$= 35x35 \times 35$$
  

$$= 15635$$
  

$$= 15635$$
  

$$= 3306.33$$
  

$$= 421.675$$
  

$$= 140.635 \text{ cm}^{3}$$