

NIT 9: 3-D GEOMETRY

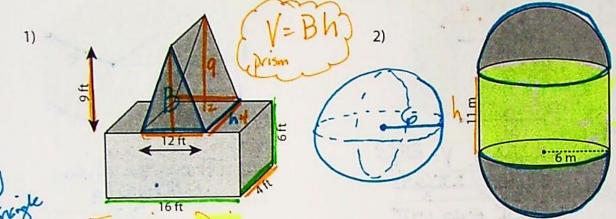
~~Unit 9, Page 20~~

Volume of Composite or Combined Figures



Find the volume of each figure. Round the answer to two decimal places. (use $\pi = 3.14$)

Label your work. Identify the figure name, write the formula and show all work.



Name: Triangular Prism

Formula:

SU(4) = 2110 C+3

Pormula: V= (lw) h

= (16)(4)(6)

Combined Volume: [600ft3]

+ **3**84

Name: Sphere
Formula: V = 477-3

477(6)3 = 477(2/6)

477(72) = 28877 m³

Name: $V = (\pi r^2)h$ $T(6)^2(1)$ T(36)(1)

Combined Volume: 2147.76m3

28877 +39677 68477 → 684(3.14)