

① $V = Bh$
 Rectangular Prism
 $V = Lwh$
 $V = (8)(7)(20)$
 $V = \underline{\underline{720 \text{ in}^3}}$

② $V = Bh$
 Rectangular Prism
 $V = Lwh$
 $V = (8)(8)(10)$
 $V = \underline{\underline{640 \text{ ft}^3}}$

③ $V = Bh$
 Triangular Prism
 $V = (\frac{1}{2}bh)h$
 $V = (\frac{1}{2})(6)(6)(8)$
 $V = \underline{\underline{144 \text{ cm}^3}}$

④ $V = Bh$
 Triangular Prism
 $V = (\frac{1}{2}bh)(h)$
 $V = (\frac{1}{2})(4.6)(3.2)(5.7)$
 $V = 19.872 \text{ in}^3$
 $V = \underline{\underline{20 \text{ in}^3}}$

⑤ $V = Bh$
 Rectangular Prism
 $V = Lwh$
 $V = 14(12)(9)$
 $V = \underline{\underline{1512 \text{ m}^3}}$

⑥ $V = Bh$
 Cylinder
 $V = \pi r^2 h$
 $V = (3.14)(14^2)(80)$
 $V = 49235.2 \text{ m}^3$
 $V = \underline{\underline{49235 \text{ m}^3}}$

⑦ $V = Bh$
 Cylinder
 $V = \pi r^2 h$
 $V = (3.14)(1^2)(10)$
 $V = 31.4 \text{ ft}^3$
 $V = \underline{\underline{31 \text{ ft}^3}}$

⑧ $V = Bh$
 Triangular Prism
 $V = \frac{1}{2}(28)(12)(10)$
 $V = \underline{\underline{1680 \text{ m}^3}}$

⑨ $V = Bh$
 Cylinder
 $V = \pi r^2 h$
 $V = 3.14(6^2)(18)$
 $V = 2034.72 \text{ in}^3$
 $V = \underline{\underline{2035 \text{ in}^3}}$

⑩ $V = Lwh$
 $122500 = 50(35)h$

$\frac{122500}{1750}$	$\frac{1750h}{1750}$
70	h

⑪ $V = Lwh$
 $22.05 = (3.5)(4.2)h$

$\frac{22.05}{14.7}$	$\frac{14.7h}{14.7}$
1.5	h

⑫ $V = Lwh$
 $3375 = 15(15)h$

$\frac{3375}{225}$	$\frac{225h}{225}$
15	h