State the equation for finding volume of any three shapes.

Apr 20-8:09 AM

Volume of Pyramids

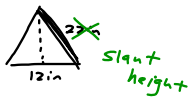
$V = \frac{1}{3}Bh$

$V = \frac{Bh}{3}$

$V = \frac{(7 \cdot 12)(14)}{3}$

$V = 392 \text{ in}^3$

Pyramid - all the sides come to a point.



Prism - Two Bases are Congruent.

Apr 20-8:19 AM

Volume of a Cone

$V = \frac{1}{3}\pi r^2 h$

$V = \frac{\pi r^2 h}{3}$

$V = \frac{\pi (5)^2 (9)}{3}$

$V = 235.5 \text{ cm}^2$

Apr 20-8:27 AM

Volume of a Sphere

$V = \frac{4}{3}\pi r^3$

$V = \frac{4}{3}\pi (11)^3$

$V = \frac{4 \cdot \pi (11)^3}{3}$

$V = 5{,}575.3 \text{ cm}^3$

$r = 11\text{cm}$

Apr 20-8:32 AM

29.5 inches

28.5 inches

$C = 2\pi r$

r

$V =$

$C = \pi d$

r

$V =$

$V_m - V_w =$

Apr 20-9:36 AM