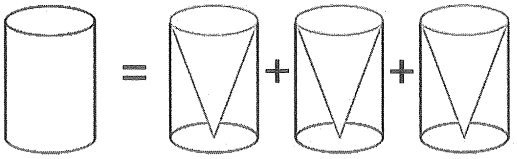
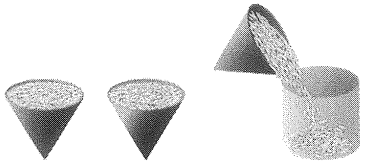
CONE (CONIC)

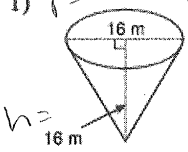




VOLUME: $V = \frac{1}{3}Bh$

$V = \left(\frac{1}{3}\right)\pi r^2 h$

1) $r = 8$

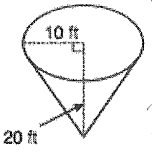


$V = \frac{1}{3}\pi r^2 h$

$= \frac{1}{3}\pi(8)^2(16$

$= 1072.33 m^3$

2)



$V = \frac{1}{3}\pi(10^2)(20)$

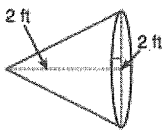
2094.40 ft^3

3)

$V = \frac{1}{3}\pi \cdot 3^2 \cdot 10$

$= 94.25 m^3$

4)

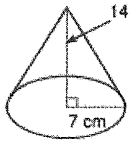


$r = 1 \quad h = 2$

$V = \frac{1}{3}\pi(1^2)(2)$

2.094 ft^3

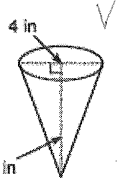
5)



$V = \frac{1}{3}\pi \cdot 7^2 \cdot 14$

718.38

6)



$V = \frac{1}{3}(\pi)(2^2)(6)$

$= 25.13 in^3$