12.

big cylinder V= TTr2h = TT(10)2(15) = 4712.4 in2 4712.4 - 1178.1 -3534.3 in2

aten 30= 3 tan 30 tan 30 9= 5.2

16.

$$V = 1 \text{ w.h}$$

$$= 9.16.3$$

$$= 43.2 \text{ ft}^{3}$$

$$\frac{43.2}{27} = 1.6 \text{ yd}^{3} \times 25 = $40$$

$$0-5 + 6-10 \text{ JR}$$

10-7 Volume of pyramids + comes Volume of a pyramid with base area B and hight h is V= \frac{1}{2}Bh Ex.

Find the volume of a rectangular pyramid with length 11m, width 18m, and height 23m.

V= 3Bh B=1.W

 $V=\frac{1}{3}(198)(23)$ = 198 m²

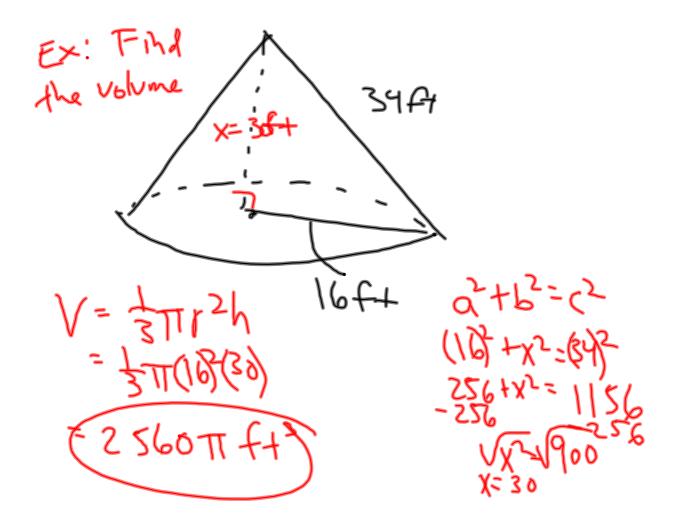
V= 1518 m3

Volume of a cone with radius, r, a height h is $V = \frac{1}{3}\pi \Gamma^2 h$

Ex: Find the volume of a cone with radius 7 cm & height 15 cm.

N=====(13(12)

V=245TT cm3



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