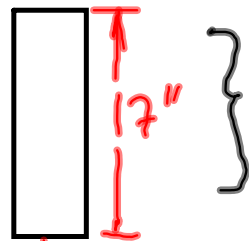
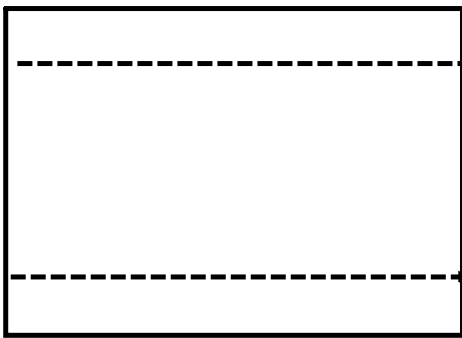


← 58.5" →



$$\begin{aligned} V &= 58.5'' \times 27'' \\ &\quad \times 17'' \\ &= 26,851.5 \\ &\quad \text{in}^3 \end{aligned}$$

13.5" = RADIUS



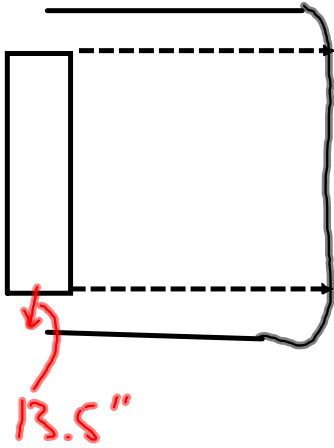
$r = 13.5''$

$$\begin{aligned} V &= \text{area of base} \times \text{height} \\ &= \pi (13.5)^2 \times 58.5 \\ &= 33,493.49 \text{ in}^3 \end{aligned}$$

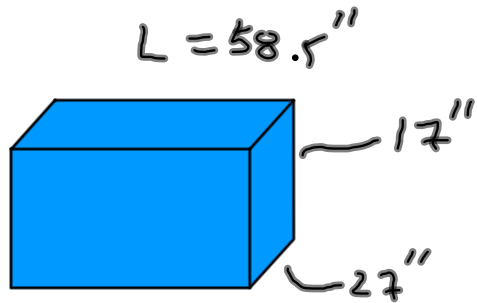
$$\therefore \text{Total Volume} = 60,344.99 \text{ in}^3$$

$$\text{C.F.} \Rightarrow \frac{231 \text{ in}^3}{\text{gal}}$$

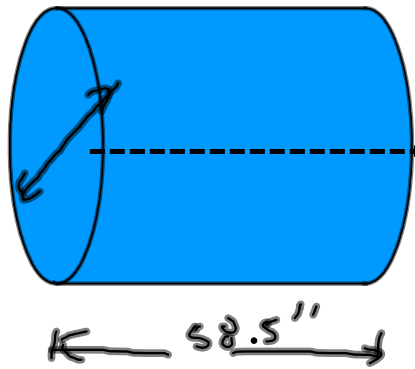
$$\hookrightarrow = 261.1 \text{ Gallons}$$



Volume of prism = $26\,851.5 \text{ in}^3$



radius of cylinder
= 13.5 \"



$V = \text{area}$
of base \times
height

Volume of cylinder = $33,493.49 \text{ in}^3 = \pi(13.5)^2 \times 58.5 \text{ \"}$

$\therefore \text{Total Volume} = 60,344.99 \text{ in}^3 = 261.1 \text{ gallons}$

$231 \text{ in}^3 \rightarrow 1 \text{ Gal}$

"ENCLBY"

ENERGY

↳ GLOBAL WARMING