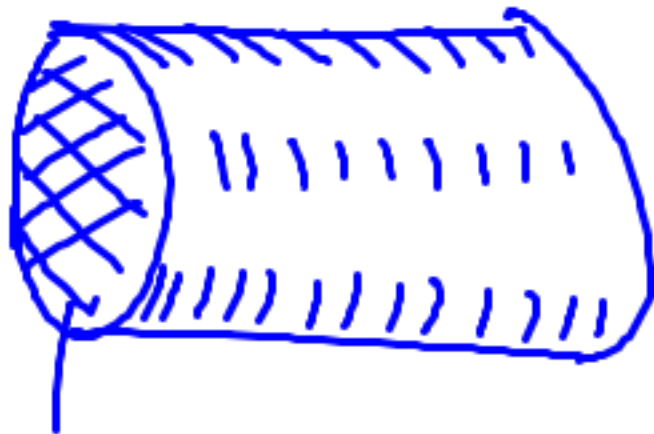


15

$$10 \frac{\text{Ft}^3}{\text{sec}} \times \frac{1 \text{ sec}}{10 \text{ min}} = 10 \text{ Min}$$



$$6000 \frac{\text{Ft}^3}{10 \text{ min}}$$

$$5 \text{ Ft}^2$$

$$\longrightarrow 2 \text{ Ft}$$

Ans. Ft^3

$$2 \times 5 = 10 \frac{\text{Ft}^3}{\text{sec}}$$

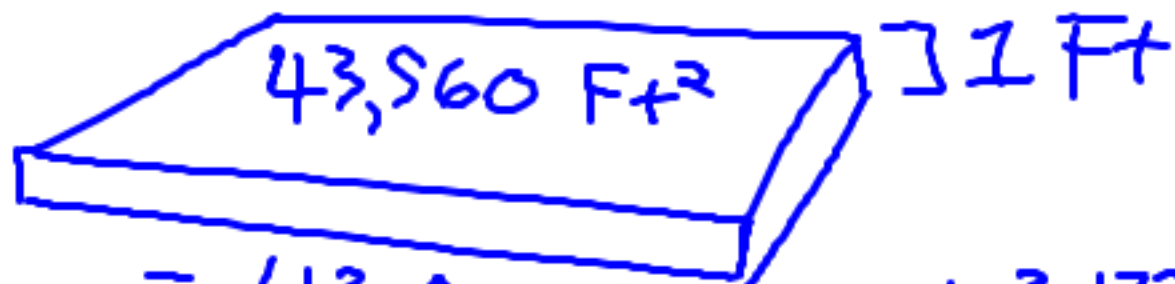
#14

$$43,560 F + 2$$



Ans $F + 3$

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$$= 43,560 \text{ Ft}^2 \times \frac{\text{in}^3}{1728}$$

$$\text{Ans: } \frac{61.02 \text{ in}^3}{\text{L}} = \frac{7.5 \times 10^7 \text{ in}^3 \text{ Ft}^3}{61.02 \frac{\text{in}^3}{\text{L}}}$$