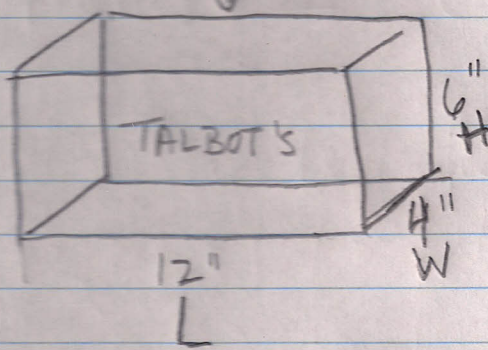


Mrs. Norris'  
Shoebbox



## Surface Area - Prism

$$(2 \cdot L \cdot W) + (2 \cdot L \cdot H) + (2 \cdot W \cdot H) \rightarrow \text{Visual Piecemeal Summation}$$

$$(2 \cdot 12 \cdot 4) + (2 \cdot 12 \cdot 6) + (2 \cdot 4 \cdot 6) = 96 + 144 + 48 = 288 \text{ sq. in.}$$

$$2B + Ph = (2 \cdot 12 \cdot 4) + \left( \frac{12+4+12+4}{32} \cdot 6 \right) = 96 + 192 = 288 \text{ sq. in.}$$

$$\begin{array}{l} \rightarrow 2LW + 2LH + 2WH \rightarrow = \underline{H}(2L + 2W) \\ \downarrow LW = \text{Base Area} \quad \downarrow 2L + 2W = \underline{\text{Perimeter}} \\ 2B \quad \quad \quad hP \text{ or } Ph \end{array}$$

$$2B + Ph \rightarrow \underline{\underline{\text{Formula}}}$$