## Volume:

* Refers to how much space that a encloses.
* How much can the object hold. (May not always look the same)


Volume

* Label is always cubic units or $u^{3}$.

Volume of a Prism:

$B=$ Area of Base
$\mathrm{h}=$ height of prism

1. Find the volume of the triangular prism.


$$
\begin{aligned}
& \text { Volume of a Box: } \\
& V=1 w h
\end{aligned} \begin{aligned}
& \begin{array}{l}
\text { = length } \\
w=\text { width } \\
\mathrm{h}=\text { height }
\end{array} \\
& 1 \times 3 \times 4=12 \mathrm{ft}^{3}
\end{aligned}
$$

## Volume of a Cylinder:

$\mathrm{V}=\mathrm{Bh}$
$V=\pi r^{2} h$
3. Find the volume of each cylinder to the nearest tenth.


