





## Volume of Solid Rectangular Objects

For solid rectangular objects, the volume is the length $x$ width $\times$ height.
$\underline{V}=1 \times \mathbf{w} \times h$
A cubic meter $\left(m^{3}\right)$ is a unit of volume.

- A cubic meter is a very large unit - it contains $1,000,000$ cubic centimeters.


## You try it! Volume of Solid Rectangular Objects

4. What is the volume of this solid?

- $V=1 \times w \times h$

$V=4 \mathrm{~cm} \times 1 \mathrm{~cm} \times 2 \mathrm{~cm}$
$V=8 \mathrm{~cm}^{3}$

5. What is the volume of this solid?

- $V=3 \mathrm{~cm} \times 3 \mathrm{~cm} \times 3 \mathrm{~cm}$
- $V=27 \mathrm{~cm}^{3}$




## Volume of Liquids






## Homework Problems

- At the end of this lecture are 2 pages of problems called:
Now it's Your Turn: Metric Measurement
- These problems will be due on: Monday
- Remember tomorrow (or Wed) is a lab day.
- Be sure you are wearing appropriate shirts \& shorts, ladies.

