# Measuring with Metrics

#### The Bottom Line

FACE IT, Nobody owes you a living, What you achieve or fail to achieve in your lifetime, is directly related to what you do or fail to do. No one chooses his parents or childhood, but you can choose your own direction. Everyone has problems and obstacles to overcome, but that, too, is relative to each individual. NOTHING IS CARVED IN STONE, you can change anything in your life, if you want to badly enough, Excuses are for losers: Those who take responsibility for their actions are the real winners in life. Winners meet life's challenges head on, knowing there are no guarantees, and give it all they've got. And never think it's too late or too early to begin. Time plays no favorites and will pass whether you act or not. TAKE CONTROL OF YOUR LIFE. Dare to dream and take risks... Compete. If you aren't willing to work for your goals, don't expect others to. ---Believe in Yourself---

## Safety Agreements

• Bring back next class

### SI Base Units

SECOND

QUANTITY • LENGTH	<u>UNIT</u> METER
• MASS	KILOGRAM
• TIME	SECOND
• FORCE	NEWTONS
<ul> <li>SPEED</li> </ul>	METERS

UNIT SYMBOL m kg 5 Ν M/S

No Cussing! The following 4-Letter Words are forbidden here: Mile Inch Pint Foot Yard Acre And we never swear the Big F (use °C) Please keep it clean and Aletric

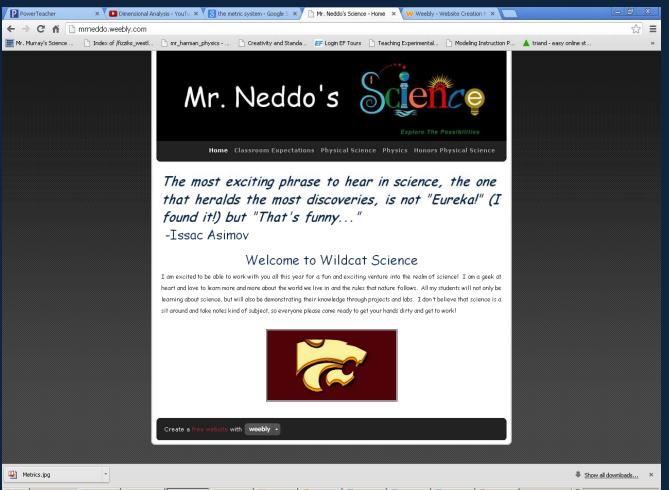


## Dimensional Analysis

How many feet in 4.5 meters? (1 foot = 0.305meters)

- 1. What do we know?
- 2. Make your "t" chart.
- 3. What is your cancel unit(s)?
- 4. What is your answer unit?
- 5. Make each unit equal
- 6. Do the MATH!!!

#### Class Website



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## GTTB (Go To The Boards)

Work with your group to convert these units

### Next Class

GERC and solving physics problems