Physics for Society Chapter I Measurement · length -

a mass La gran -> kilogram

Smallest -) Largest Basa Deca Hecto Kilo Mill: Centi Deci 1 10 1000 100 10 100 1000 meter MM CM ma gram Second m5 So how do we convert from one to another? > Chain 0 10 meters -> centimeters Dwater. 100 centimetus

[100 centimetus

[100 centimetus

[100 centimetus

] meters · 1200 milligrams -> kilograms $\frac{1200 \text{ mg}}{1000 \text{ mg}} \cdot \frac{1 \text{ kg}}{1000 \text{ g}} = \frac{1 \text{ kg}}{1000 \text{ g}} = \frac{1 \text{ kg}}{1000 \text{ g}}$

Scientific Notation

Les to make big or small numbers easily to compare

187001280. or 81562000.01

187001280×108

8.156200001 × 107

Significant Figures
62.100325 cm & length
30.1 — width