

Name: Mrs Kamilar

Date: 8/20/18

Unit: 1: Review
(Unit #, Test #, or Chapter #)

Class: Physics

Period: 7th

Topic: Conversions
(1 Main Idea of this page notes for quick find)

Notes: Record
(everything important)

Maintain the accuracy of instrument
ex: meter stick smallest $\frac{1}{1000}$ m
Keep 3 digits after decimal

of squares $\times 12 \text{ in} \times 2.54 \text{ cm} \div 100 = \text{m}$

How know if \times or \div ? = Dimensional Analysis

$$1 \text{ square} = 12 \text{ in} \quad \frac{1 \text{ sq}}{12 \text{ in}} \text{ or } \frac{12 \text{ in}}{1 \text{ sq}}$$

$$\begin{array}{r} 52 \text{ sq} \times 12 \text{ in} = 624 \text{ in} \\ 1 \text{ sq} \times 1 \text{ sq} = 1 \end{array} \quad 2.54 \text{ cm} = 1 \text{ in}$$

$$\begin{array}{r} 624 \text{ in} \times 2.54 \text{ cm} = 1584.86 \text{ cm} \\ 1 \text{ in} \times 1 \text{ in} = 1 \end{array} \quad 100 \text{ cm} = 1 \text{ m}$$

$$\begin{array}{r} 1584.86 \text{ cm} \times 1 \text{ m} = 1584.86 \\ 1 \text{ cm} \times 100 \text{ cm} = 100 \end{array} = \frac{1584.86}{100}$$

\div by 100 \rightsquigarrow if \times by 1000 \rightsquigarrow 15.849 m

Critical Questions:

Remember

(Create your own quiz. List questions here directly opposite the answers in the notes on the left side)

Summary: Review

(Briefly explain the key ideas to study from that answer: why is important, what conclusions possible, how applies to life.)

Vocab: Recite

(Quick reference of key terms and definitions)