Phys 2110-5 8/29/12

Note Title 8/29/201

Chap I Doing 1thy sics Ispics Mechanics How things move. Kinematics: Study of motion
Dynamics: Reasons for motion forces Energy, Momentum Metwon's Laws Rotation of Motion. Oscillations.

Electri

Marks — End Dec 11?

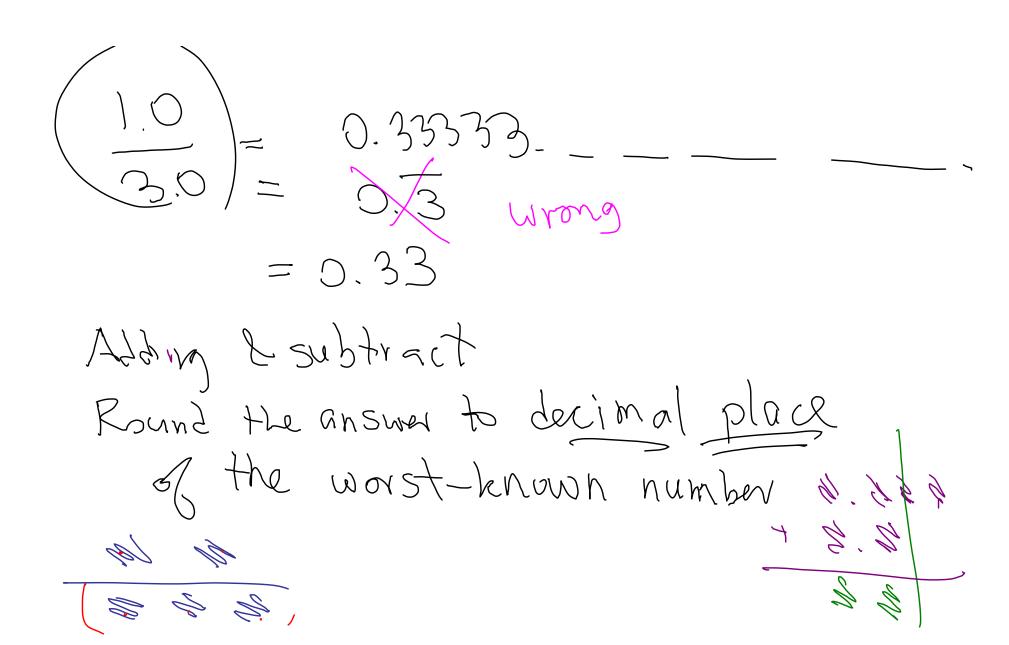
Electri

Mon

Tera Use prefixes to some some G Giga-Megawriting: Convert units Mad conversion 1 ft = 0.3048 m 1 mi = 1.609 lan

Convert
$$70.0 \frac{mi}{hv}$$
 to $\frac{m}{k}$ (70.0 \frac{mi}{hv}) (\frac{1 \text{ kg}}{3600(s)}) (\frac{1 \text{ kg}}{3600(s)}) (\frac{1 \text{ kg}}{1 \text{ kg}}) (\frac{100 \text{ cm}}{1 \text{ kg}}) (\frac{100 \text{ cm}}{m^3}) (\frac{100 \text{ cm}}{

T [[[[[]]]] Sci. Magsurements have uncertaintles. 3.25 # 3.2503 km 2 hnown (3.25)(8.7) = 2.8275 = 2.8 Count the # known figures. how 2



Real V Problem Solving 0) Panic by , 2,2 ,2 ml. 1) Ready VISUALIZE 2) Drawa picture 3) Find relevant equations, solve the 5 d nat 1002 Units 4) Check answer Plausible

BONS A SON

How long in gir?

Ch 2 Motion on 1-Dim 1 - Dim mation Coord system X in meters

