## **HOMEWORK ???** 5.4 - Making Conversions.pdf

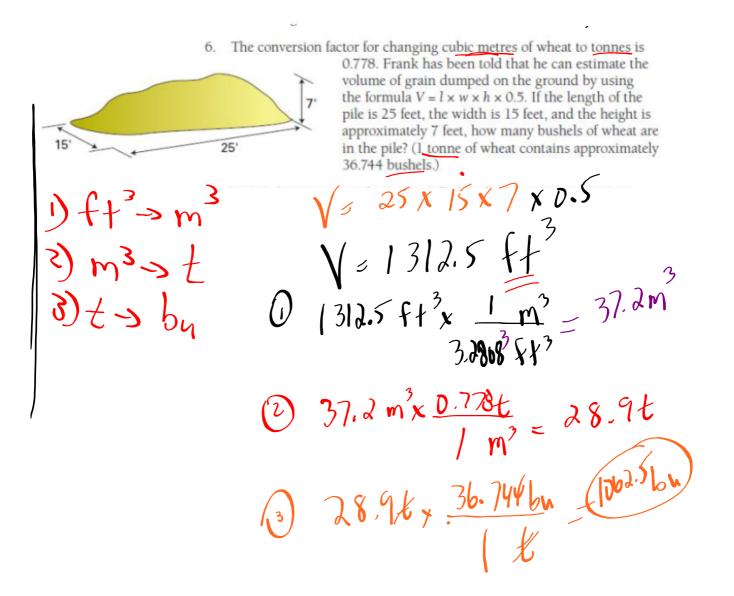
- 3. Hong is a building contractor. The building code in his area requires This is a building contractor. The building code in his area requires that roofs be built to withstand 30 pounds of weight per square foot of  $3,2809\text{ ff}^2$ horizontal area. a) How many kilograms per square metre is this?  $f_1^2 \times 2.2 \text{ lbs} \times 1000 \text{ m}^2$ b) After a snowfall, a square foot of flat roof covered with snow has a  $-146.8 \text{ kg/s}^2$ 

  - b) After a snowfall, a square foot of flat roof covered with snow has a weight of 18.1 pounds pressing on it. If the flat area of the roof of a house is 1700 square feet, what is the weight of the snow on the roof:
    - i) in pounds? ii) in kilograms?

a)  $1700 \text{ fr} \times 18, 165 = 30770 \text{ fs}$  b)  $30770 \text{ fs} \times 18, 169 = 2.265$  1.265 = 13986.36 Ky

 Craig and Genevieve have purchased 26 cases of birdseed. Each case contains 16 boxes that weigh 20 ounces each. How much do the 26 cases weigh:

a) in pounds? **5.4 MAKING CONVERSIONS** b) in kilograms?  $\frac{1}{1519} | b \times 20 = 32002$   $\frac{1}{165} = (20165)$   $\frac{1}{1602} = \sqrt{20165}$ **BUILD YOUR SKILLS, PAGE 215** 6) 20165x x 26 664



## **Review:** Chapter 5...Mass, Temp and Volume

- convert °C <--> °F
- convert imperial masses (oz, lb, tn)
- convert imperial <--> metric masses
- convert mass <--> volume

NOTE: know the bushel

## READY FOR THE TEST ON... Wednesday!!!

Geo\_Mea\_Fin 10 - Conversion Tables and Formula Sheet (Chp4\_5).pdf

5.4 - Practice Problems.doc

Chapter 5 Sample Test.pdf

\*\*\* Corrections... MC #3 -> 7.2 C OR #22 -> 9.3 C 2 80.6 F

- 5.4 Making Conversions.pdf
- 5.4 Practice Problems.doc
- Chapter 5 Sample Test.pdf

## Geo\_Mea\_Fin 10 - Conversion Tables and Formula Sheet (Chp4\_5).pdf