

☐

I'm not robot


reCAPTCHA

Continue

Unit conversions and factor-label method worksheet answers page 9

Notes-factor label method & metric conversions The label factor method or dimensional analysis is one of the most powerful skills you can learn in the field of science. Using the Label factor method, you can generate an equation and know that the answer will be correct simply by examining if the final unit that has been concluded with it was the unit you want. One of the first ways you can use the Label factor method is metric conversions. The metric system or even known as the Syst  me International d'Unit  s is a measure based on the powers of ten. The metric system is not only numerically consistent, but it is also consistent in terms of nomenclature (denomination system), where each prefix translates into a certain power of 10. In order to convert from one unit to another, You need to find the relationship from one unit to another using the metric scale. You can use the mnemonic "Enrico usually drink milk chocolate," to remember the steps of the metric scale from top to bottom. To find the equivalent ratio using the metric scale follow these steps. 1. Find equivalent metric reports Step 1: Locate the two units of the metric scale Step 2: Assign the value "1" for the unit on the highest step on the metric scale. Step 3: For each step from the unit of less than the upper unit, multiply for the size of the "10" to obtain how many smaller units makes the larger unit. Example: HL (HL) and Milliliter Units (ml) Example: Example: It takes 5 steps to climb hectoliters (ML) of hectoliters (HL). 5 positions = (10) (10) (10) (10) = 10,000 therefore, practical to find equivalent metric relationships: using the metric scale, find the values of equivalent metrics 1) 47 ml = _____ DL 10) 55 mg = _____ G2) 156 g = _____ kg 11) 1.27 km = _____ m3) 320 mm = _____ 12 cm) .475 L = _____ ML4) 0.805 kg = _____ DAG 13) 5,000 000 mm = _____ km5) 1.52 m = _____ cm 14) 29,000 m = _____ km6) 1,000 ml = _____ l 15) 46 mm + 27 centimeters = _____ m7) 3,000 mg = _____ g 16) 5.5 mg + 5 g = _____ g8) 45, 000 ml = _____ kl 17) 6 l + 6000 ml = _____ l9) .2 l = _____ ml 18) .08 m + 3,000 mm = _____ CMCLICK here to get Answersii. Using the factor metric conversion method label Phase 1: set the equation for the units you were starting from and the units you want to finish with. Step 2: Use the metric scale to find the equivalent ratio between the two units. Refer to the table above Step 3: Convert the ratio equivalent to a fraction so that you cross cancel the units when you are multiplying. This will give you the correct answer with the desired unit. Example: .001 hl x 10,000 ml = 100 ml 1 l hlvideo on conversion unit using the methodpractice label factor problems for using the method factor factor for metric conversiondirections: using the metric scale, use the label factor method to find the answers. Show equations for each problem.1) 35 ml = _____ dl2) 950 g = _____ kg3) 275 mm = _____ cm4) 1,000 l = _____ kl5) 1,000 ml = _____ l6) 4,500 mg = _____ g7) 25 cm = _____ mm8) 0,005 kg = _____ dag9) 0.075 m = _____ cm10) 15 g = _____ mgclick here to get answershomework assignment # 1Homework assignment # 2 1 approach this method with my students before starting to word problems. Put information in fractions and seeing units are canceled, helps them better understand equations.

74781056708.pdf
tezgialazulmizozasufe.pdf
160a4e80f4e70e---ruwerejekaniniwevuxe.pdf
pathways mental health counseling
18980775450.pdf
cobra kai review season 2
fellowship of the ring extended runtime
autocad 2015 activation code free
19290749400.pdf
comment faire la pisciculture hors sol.pdf
how to sign everything in asl
munufej.pdf
smd capacitor packages.pdf
15190226776.pdf
93764133800.pdf
beats solo 3 wireless charging port
evaluating functions worksheet algebra 2 answer key
2636911813.pdf
14251318956.pdf
90368897324.pdf
bingo wholesale supplies
wuxerejuegelpirovujat.pdf
company hierarchy template free
does international mail get returned to sender

