

MATH ESSENTIALS UNIT 8

Metric Measurement

Name _____ Date _____

PURPOSE

Learn to do metric measurements of length, weight and liquid volume and to convert from one metric unit to another.

HOW TO DO THIS COURSE: Do the steps in order. Initial and date each when done. Where there are two sign-off lines, get the step checked and initialed on the second line by another student, or if stated, by the instructor.

ESTIMATED TIME: 12 hours

BOOKS:

Math Essentials, Finding & Filling the Gaps or *Math Essentials, Unit 8 Metric Measurement*, Heron Books
Math Essentials, Exercise Answers, Heron Books

A. GETTING STARTED

1. READ: *Math Essentials, Unit 8 Metric Measurement*, Establishing a Routine. _____
2. ACTIVITY: Do Review Exercise. **Instructor pass.** _____

B. WAYS TO MEASURE THINGS

1. READ: Chapter Ways to Measure Things. _____

C. MEASURING LENGTH

1. READ: Chapter Measuring Length in Metric Units up to Exercise 1 and do what it says. _____
2. ACTIVITY: Do Exercise 1. 21 problems missed
If you missed any problems, or if you need or want more practice, do Additional Exercises.
Additional Exercises. 24 problems missed _____

3. READ: Chapter Changing from One Metric Unit to Another up to Exercise 2. _____

4. ACTIVITY: Do Exercise 2. 53 problems missed

If you missed any problems, or if you need or want more practice, do Additional Exercises.

Additional Exercises. 67 problems missed _____

D. MEASURING WEIGHT

1. READ: Chapter Measuring Weight in Metric Units up to Exercise 3. _____

2. ACTIVITY: Do Exercise 3.

If you need or want more practice, do Additional Exercises.

Additional Exercises. _____

3. ACTIVITY: Do Exercise 4. 26 problems missed

If you missed any problems, or if you need or want more practice, do Additional Exercises.

Additional Exercises. 42 problems missed _____

Instructor pass. _____

E. MEASURING LIQUID VOLUME

1. READ: Chapter Measuring Liquid Volume in Metric Units up to Exercise 5. _____

2. ACTIVITY: Do Exercise 5.

If you need or want more practice, do Additional Exercises.

Additional Exercises. _____

3. ACTIVITY: Do Exercise 6. 19 problems missed

If you missed any problems, or if you need or want more practice, do Additional Exercises.

Additional Exercises. 26 problems missed _____

F. FINAL ACTIVITY

1. ACTIVITY: Do Final Unit Exercises. 10 problems missed

Instructor pass. _____

I have completed the steps of this course. I understand what I studied and can use it.

Student _____ Date _____

The student has completed the steps of this course and knows and can apply what was studied.

Instructor _____ Date _____

The student has passed the exam for this course.

Examiner _____ Date _____

FOR FACULTY

NOTE

Math Essentials, Instructor Manual includes a full list of program materials, where to get them and how to use them.

ADDITIONAL RESOURCES

Exam and answers