

MATH 10 Workplace

Unit 4: Learning Guides 11, 12 & 13

MASS, TEMP AND VOLUME

Student: _____

T.A.: _____

Teacher: _____

Returned without mark because:

- ☐ Incomplete
- ☐ Work needs to be shown
- ☐ Unclear presentation
- ☐ Understanding not demonstrated

* See the classroom teacher

MARK:

Continue to
next guide

COMPLETING THIS GUIDE:

Your job is to use the resources in your textbook and this package to complete the activities identified.

LEARNING OUTCOMES:



- 1) Convert between Celsius and Fahrenheit.
- 2) Convert between different weights in the Imperial System.
- 3) Convert between volumes in different units.

COMPLETING THIS GUIDE:

ACTIVITIES:

- ☐ **Vocabulary & Formula definitions**



- ☐ **Textbook Questions**
(Complete on SEPARATE PAPER.)

- ☐ **Review & Challenge Questions**
(Complete on SEPARATE PAPER.)

- ☐ **Assessment Quizzes**



ATTACH THESE TO THIS PACKAGE WHEN YOU HAND IT IN.

Vocabulary & Formula definitions Unit 4: Mass, Temp and Volume

Celsius	
Fahrenheit	
Mass	
Weight	
Kilogram	
Tonne	

Workbook Questions



Expectation #1: Convert between Celsius and Fahrenheit.

☐		Watch and take notes on instructional video on Celsius and Fahrenheit.
☐	Page 138	Read Explore the Math
☐	Pages 141-142	Work through Example 1 and Example 2.
☐	Pages 143-144	Complete Build Your Skills #1, #2, #3, #4.



Expectation #2: Convert between different weights in the Imperial System.

☐		Watch and take notes on instructional video on Mass in the Imperial System.
☐	Pages 146-147	Read Explore the Math.
☐	Pages 149-151	Work through Example 1 and Example 2
☐	Page 151-152	Complete Build Your Skills #1, #2, #3, 4.
☐		Complete the expectation assessment quiz on Chapter 4.1 – 4.2



Expectation #3: Convert between volumes in different units.

☐		Watch and take notes on instructional video on Mass in the Metric System.
☐	Page 154	Read Explore the Math.
☐	Pages 155-156	Work through Example 1.
☐	Pages 158-159	Complete Build Your Skills #1, #2, #3, #4, #5, #6, #7.
☐		Watch and take notes on instructional video on Making Conversions.
☐	Page 162	Read Explore the Math.
☐	Pages 163-164	Work through Example 1
☐	Pages 165-166	Complete Build Your Skills #1, #2, #3, #4, #5
☐		Complete the expectation assessment quiz on Chapter 4.3 – 4.4

Review & Challenge Questions

(Do **NOT** hand in your Workbook.
....Complete on **SEPARATE PAPER.**)

☐	Page 169	Complete Practice Your New Skills #1, #2, #3, #4, #5, #6, #7, #9.
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Online Practice Tests

Practice Quiz #1
Practice Quiz #2
Practice Quiz #3
Practice Quiz #4
Practice Quiz #5

UNIT TEST

☐		Complete the Unit 4 Test
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Done