

MATH 12 Apprenticeship & Workplace

Unit 7: Learning Guides 18-20

TRIGONOMETRY

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. Understand and apply the Sine Law
2. Understand and apply the Cosine Law
3. Solve problems involving the Sine and Cosine Law

COMPLETING THIS GUIDE:

ACTIVITIES:



- Vocabulary & Formula definitions
- Textbook Questions
(Complete on SEPARATE PAPER.)
- Review & Challenge Questions
(Complete on SEPARATE PAPER.)
- UNIT PROJECT



ATTACH THESE TO THIS PACKAGE WHEN YOU HAND IT IN.

Vocabulary & Formula definitions**Unit 7: Trigonometry**

Oblique Triangle	
Acute Triangle	
Obtuse Triangle	
Sine Law	
Cosine Law	

Workbook Questions**Expectation #1: Understand and Apply the Sine Law**

<input type="checkbox"/>	Pages 326-327	Read the information
<input type="checkbox"/>	Pages 328-329	Work through On the Job 1
<input type="checkbox"/>	Pages 330-331	Complete Check Your Understanding questions #3, #4, #5, #6
<input type="checkbox"/>	Pages 332-333	Work through On the Job 2
<input type="checkbox"/>	Pages 334-335	Complete Check Your Understanding questions #3, #4, #7, #8

**Expectation #2: Understand and Apply the Cosine Law**

<input type="checkbox"/>	Pages 338-339	Read the information
<input type="checkbox"/>	Pages 340-341	Work through On the Job 1
<input type="checkbox"/>	Pages 342-343	Complete Check Your Understanding questions #3, #5, #6
<input type="checkbox"/>	Pages 345-346	Work through On the Job 2
<input type="checkbox"/>	Pages 347-348	Complete Check Your Understanding questions #3, #4, #5, #6

**Expectation #3: Solve problems involving the sine and cosine laws.**

<input type="checkbox"/>	Pages 354-355	Work through On the Job 1
<input type="checkbox"/>	Pages 356-357	Complete Check Your Understanding questions #1, #2, #3, #4

Review & Challenge Questions

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

<input type="checkbox"/>	Pages 360-361	Questions #1, #2, #3, #4, #5, #6, #7, #8.
--------------------------	---------------	--

UNIT PROJECT

<input type="checkbox"/>	Page 364	<p>Complete the Chapter Project</p> <p>If you would like to do a project discuss it with your teacher.</p> <p>Bring your Chapter Project to your teacher to discuss.</p>
--------------------------	-----------------	---

Done**(There is no test.)**