

MATH 12 Apprenticeship & Workplace

Unit 6: Learning Guides 15-17 TRANSFORMATIONS

Student: _____

T.A.: _____

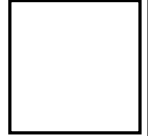
Teacher: _____

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. Enlarge and reduce objects.
2. Move objects.
3. Reflect objects.
4. Rotate objects

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 5: Properties of Figures**

Transformation	
Dilation	
Scale Factor	
Translation	
Successive Translation	
Reflection	
Line of Reflection	
Rotation	
Centre of Rotation	

Workbook Questions



Expectation #1: Enlarge and reduce objects.

<input type="checkbox"/>	Pages 268-269	Read the information
<input type="checkbox"/>	Page 270	Work through On the Job 1
<input type="checkbox"/>	Pages 272-273	Complete Check Your Understanding questions #2, #5,
<input type="checkbox"/>	Pages 275-277	Work through On the Job 2
<input type="checkbox"/>	Page 278-279	Complete Check Your Understanding questions #1, #2, #7



Expectation #2: Move objects.

<input type="checkbox"/>	Pages 282-283	Work through On the Job 1
<input type="checkbox"/>	Page 285	Complete Check Your Understanding questions #1, #2, #4
<input type="checkbox"/>	Page 287-288	Work through On the Job 2
<input type="checkbox"/>	Page 289	Complete Check Your Understanding questions #1, #3



Expectation #3: Reflect objects.

<input type="checkbox"/>	Pages 292-293	Read
<input type="checkbox"/>	Page 294	Work through On the Job 1
<input type="checkbox"/>	Page 295	Complete Check Your Understanding questions #1, #2
<input type="checkbox"/>	Pages 297-298	Work through On the Job 2
<input type="checkbox"/>	Page 299	Complete Check Your Understanding questions #2, #3



Expectation #4: Rotate objects.

<input type="checkbox"/>	Pages 302-303	Read
<input type="checkbox"/>	Page 304-307	Work through On the Job 1
<input type="checkbox"/>	Pages 308-309	Complete Check Your Understanding questions #1 or #2, #3 or #4.
<input type="checkbox"/>	Pages 311-312	Work through On the Job 2
<input type="checkbox"/>	Page 313	Complete Check Your Understanding questions #1, #2, #4, #6

Review & Challenge Questions

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

<input type="checkbox"/>	Pages 316-317	Questions #1, #2, #3, #4, #5, #7, #8.
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UNIT PROJECT

<input type="checkbox"/>	Page 320	Complete the Chapter Project If you would like to do a project on buying a car, or some other project, discuss it with your teacher. Bring your Chapter Project to your teacher to discuss.
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Done

(There is no test.)