

MATH 12 Apprenticeship & Workplace

Unit 5: Learning Guides 12-14

PROPERTIES OF FIGURES

Student: _____

T.A.: _____

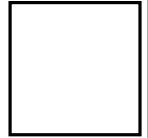
Teacher: _____

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 angle properties of polygons.
2. Understand and apply the side lengths and diagonal properties of polygons.
3. Determine the type and number of lines of symmetry in polygons.

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**

Regular Polygon	
Equilateral Triangle	
Isosceles Triangle	
Acute Angle	
Isosceles Trapezoid	
Parallelogram	
Scalene Triangle	
Tessellate	

Vocabulary & Formula definitions (continued)
Unit 5: Properties of Figures

Line Symmetry	
Line of Symmetry	

Workbook Questions



Expectation #1: Understand and apply the angle properties of polygons.

<input type="checkbox"/>	Pages 226-227	Read the information
<input type="checkbox"/>	Pages 228-229	Work through On the Job 1
<input type="checkbox"/>	Page 230-231	Complete Check Your Understanding questions #1, #2, #7
<input type="checkbox"/>	Pages 233-234	Work through On the Job 2
<input type="checkbox"/>	Page 235	Complete Check Your Understanding questions #1, #2



Expectation #2: Understand and apply the side lengths and diagonal properties of polygons.

<input type="checkbox"/>	Page 240	Work through On the Job 1
<input type="checkbox"/>	Page 241-242	Complete Check Your Understanding questions #1, #4, #5
<input type="checkbox"/>	Page 244	Work through On the Job 2
<input type="checkbox"/>	Page 245	Complete Check Your Understanding questions #1, #2, #3



Expectation #3: Determine the type and number of lines of symmetry in polygons.

<input type="checkbox"/>	Pages 248-249	Read
<input type="checkbox"/>	Page 250	Work through On the Job 1
<input type="checkbox"/>	Pages 251-252	Complete Check Your Understanding questions #1, #4,
<input type="checkbox"/>	Pages 253-254	Work through On the Job 2
<input type="checkbox"/>	Pages 255	Complete Check Your Understanding questions #1, #4

Review & Challenge Questions

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

<input type="checkbox"/>	Pages 258-259	Questions #1, #2, #4, #5, #8.
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UNIT PROJECT

<input type="checkbox"/>	Page 262	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.)