

# MATH 12 Apprenticeship & Workplace

Unit 2: Learning Guides 4, 5 & 6

## WORKING WITH DATA

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. Solve problems involving mean, median and mode.
2. Analyze data for range, outliers, trimmed mean and percentiles.
3. Interpret scatter plots.

### 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 2: Working with Data**

Median	
Mode	
Mean	
Measure of central tendency	
Stem and leaf plot	
Weighted mean	
Range	
Outlier	

## Vocabulary & Formula definitions continued

Trimmed mean	
Percentile	
Percentile rank	
Scatter plot	
Trend	

## Workbook Questions



**Expectation #1: Solve problems involving mean, median and mode.**

<input type="checkbox"/>	Pages 64-65	<b>Read the information</b>
<input type="checkbox"/>	Pages 66-67	<b>Work through On the Job 1</b>
<input type="checkbox"/>	Pages 68-69	<b>Complete Check Your Understanding questions #1, #2, #4</b>
<input type="checkbox"/>	Page 70	<b>Work through On the Job 2</b>
<input type="checkbox"/>	Page 71	<b>Complete Check Your Understanding question #1, #3</b>
<input type="checkbox"/>	Pages 73-75	<b>Work through On the Job 3</b>
<input type="checkbox"/>	Pages 76-77	<b>Complete Check Your Understanding question #2, #3, #5</b>

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**Expectation #2: Analyze data for range, outliers, trimmed mean and percentiles.**

<input type="checkbox"/>	Pages 80-81	<b>Read the information</b>
<input type="checkbox"/>	Pages 82-84	<b>Work through On the Job 1</b>
<input type="checkbox"/>	Page 85	<b>Complete Check Your Understanding questions #1, #2, #3</b>
<input type="checkbox"/>	Pages 87-89	<b>Work through On the Job 2</b>
<input type="checkbox"/>	Page 90	<b>Complete Check Your Understanding questions #1, #2, #3, #5</b>

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**Expectation #3: Interpret scatter plots.**

<input type="checkbox"/>	Pages 94-95	<b>Read the information</b>
<input type="checkbox"/>	Pages 96-97	<b>Work through On the Job 1</b>
<input type="checkbox"/>	Pages 98-99	<b>Complete Check Your Understanding questions #1, #5</b>

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**Review & Challenge Questions**

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

<input type="checkbox"/>	Pages 102-103	Questions #1, #2, #4, #5, #6
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**UNIT PROJECT**

<input type="checkbox"/>	Page 106	<b>Complete the Chapter Project</b> <b>Note: If you would rather do a different project, come and discuss this with your teacher.</b> <b>Bring your Chapter Project to your teacher to discuss once you are finished.</b>
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**Done**

**(There is no test.)**