

MATH 12 Apprenticeship & Workplace

Unit 3: Learning Guides 7, 8, & 9

LINEAR RELATIONSHIPS

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 linear trends and relationships.
2. Understand and apply direct variations.
3. Understand and apply partial variations.

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 3: Linear Relationships**

Linear trend	
Linear relationship	
Non-linear relationship	
Direct variation	
Rate of change	
Partial variation	

Workbook Questions



Expectation #1: Understand linear trends and relationships.

<input type="checkbox"/>	Pages 114-116	Work through On the Job 1
<input type="checkbox"/>	Pages 117-118	Complete Check Your Understanding questions #1, #2, #3
<input type="checkbox"/>	Page 120-122	Work through On the Job 2
<input type="checkbox"/>	Page 123-124	Complete Check Your Understanding question #1, #4, #6



Expectation #2: Understand and apply direct variations.

<input type="checkbox"/>	Page 128	Read the information on the far left side of page 128 about direct variation.
<input type="checkbox"/>	Pages 129-130	Work through On the Job 1
<input type="checkbox"/>	Pages 131-132	Complete Check Your Understanding questions #1, #2, #4
<input type="checkbox"/>	Pages 133-134	Work through On the Job 2
<input type="checkbox"/>	Pages 135-136	Complete Check Your Understanding questions #1, #2, #4
<input type="checkbox"/>	Pages 137-138	Work through On the Job 3
<input type="checkbox"/>	Pages 139-140	Complete Check Your Understanding questions #1, #2, #3, #5, #6



Expectation #3: Understand and apply partial variations.

<input type="checkbox"/>	Page 144	Read the information on the far left side of page 144 about partial variation.
<input type="checkbox"/>	Pages 145-146	Work through On the Job 1
<input type="checkbox"/>	Pages 147-148	Complete Check Your Understanding questions #1, #2, #4.
<input type="checkbox"/>	Pages 149-151	Work through On the Job 2
<input type="checkbox"/>	Pages 152-153	Complete Check Your Understanding questions #1, #4
<input type="checkbox"/>	Pages 154-155	Work through On the Job 3
<input type="checkbox"/>	Page 156	Complete Check Your Understanding questions #1, #2, #4.

Review & Challenge Questions

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

<input type="checkbox"/>	Pages 160-161	Questions #1, #2, #3, #4
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UNIT PROJECT

<input type="checkbox"/>	Page 164	Complete the Chapter Project Note: If you would rather do a different project, come and discuss this with your teacher. Bring your Chapter Project to your teacher to discuss once you are finished.
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Done

(There is no test.)