# MATH 12 Apprenticeship & Workplace

□ Incomplete

Returned without mark because:

□ Unclear presentation

Understanding not demonstrated

□ Work needs to be shown

\* See the classroom teacher

MARK:

<u>Continue to</u> <u>next quide</u>

Unit 3: Learning Guides 7, 8, & 9

## LINEAR RELATIONSHIPS

Student: \_\_\_\_\_

T.A.: \_\_\_\_\_

Teacher: \_\_\_\_\_

#### **COMPLETING THIS GUIDE:**

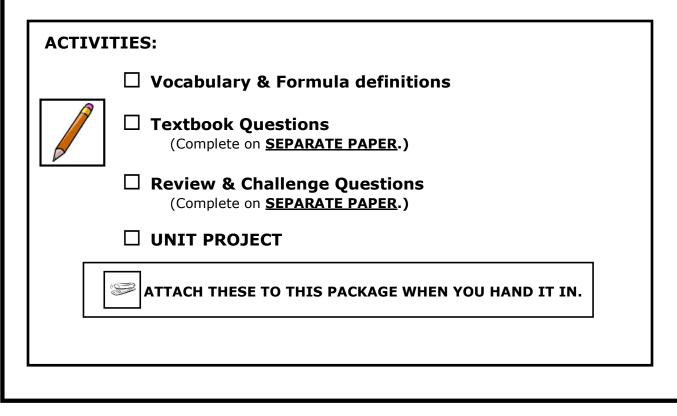
Your job is to use the resources in your textbook and this package to complete the activities identified.

#### **LEARNING OUTCOMES:**



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

#### **COMPLETING THIS GUIDE:**



## Vocabulary & Formula definitions Unit 3: Linear Relationships

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

## Workbook Questions

Pages 114-116	Work through On the Job 1
Pages 117-118	Complete Check Your Understanding questions #1, #2, #3
Page 120-122	Work through On the Job 2
Page 123-124	Complete Check Your Understanding question #1, #4, #6

# Expectation #1: Understand linear trends and relationships.

# **Expectation #2:** Understand and apply direct variations.

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

## Expectation #3: Understand and apply partial variations.

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

## Review & Challenge Questions

	Pages 160-161	Questions #1, #2, #3, #4

#### UNIT PROJECT

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.

Done

(There is no test.)