



Goals

Unit goals

- Understand the concepts and techniques introduced in consumer arithmetic, algebra and matrices, and shape and measurement.
- Apply reasoning skills and solve practical problems.

This week the work is on

- Comparing two quantities
- Percentage increase and decrease
- Unitary method

Theoretical Components

Resources:

PDF file: Week 2 Notes & Exercises

On-line resources: linked in the notes and in Mathspace

Knowledge Checklist

- Expressing one quantity as a percentage of another
- Increasing or decreasing a quantity by a given percentage
- Finding the whole amount if a percentage of this whole amount is known.

Order

1. Look at the Investigation.
2. Work through the booklet and Mathspace lessons to develop the skills necessary to complete the Investigation
3. Complete the Investigation.
4. Show your completed booklet to Toby/Jacqueline and submit the Investigation for marking.

Practical Components

There are questions to be answered in the booklet *Week 2 Notes and Exercises*.

For this week the *Mathspace* lessons are;

Curriculum: General Maths 11 (AU)

Topic: Rates and Percentages

Subtopics:

→ Percentage Change

→ Unitary Method

Investigation

On HawkerMaths.com and attached to this week's booklet.

On-line Quiz

Skills quiz on Mathspace



MARKING RUBRIC

	Knowledge, Comprehension and Application				
CRITERIA	EXPECTATIONS	POSS	MULT	GIVEN	TOTAL
Practical	Student completes practical work of the brief to an acceptable standard set by the teacher.	2	3		/6
Portfolio Task	Student completes the portfolio task of the brief to an acceptable standard set by the teacher.	2	2		/4
	Analysis, Synthesis and Evaluation	SUB TOTAL			/10
Written Communication	Student responses clearly demonstrate evidence of logical and comprehensive processes and thought.	4	-		/4
Evidence/ Working	Student submitted task effectively uses the material learned in class to describe and complete the assigned task.	4	-		/4
	Submission Guidelines	SUB TOTAL			/8
Timeliness	Student submits the assignment by the set deadline. See scoring guidelines for specific details.	2	-		/2
		SUB TOTAL			/2
				FINAL	/20