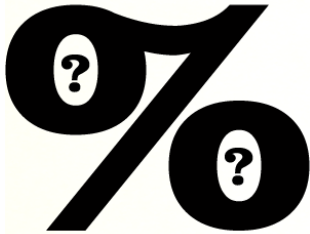


Week 3
Term 1
2020



Goals



Unit goals

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

This week the work is on

- Mark-ups and discounts
- Profit and loss
- Inflation and GST

Theoretical components

Resources:

PDF file: Week 3 Notes & Exercises

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

Knowledge Checklist

- Cost price, mark-up, retail price, selling price, discount
- Profit, loss
- Inflation as a measure of the change in the cost of living
- Goods and services tax (GST)

Order

1. Look at the Investigation.
2. Work through the booklet and online resources to develop the skills necessary to complete the Investigation
3. Complete the Investigation.
4. Complete the quizzes on Mathspace
5. 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 3 Notes and Exercises*.

For this week the *Mathspace* lessons are;

Curriculum: World of Math

Topic: Percentages

Subtopic:

→ Business applications of percentages

Investigation

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

On-line Quiz

There is a quiz on Mathspace to check your progress against the Knowledge Checklist



MARKING RUBRIK

	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