



Full name: _____

Teacher: _____

Orange High School

Year 12 Numeracy

Task 2 Assignment 2025

Outcomes Assessed

N6-2.3: chooses and applies efficient strategies to analyse and solve everyday problems involving data, graphs, tables, statistics, and probability

N6-2.4: chooses and applies efficient strategies to analyse and solve everyday problems involving money and finance

N6-2.5: chooses and applies efficient strategies to analyse and solve everyday problems involving location, space and design

N6-3.1: chooses and uses appropriate technology to access, organise and interpret information in a range of practical personal and community, workplace and employment, and education and training contexts

Weighting **25%**

Due: This assignment is due to your classroom teacher in Term 1 Week 8 on Wednesday 19th March.

Penalties as per assessment booklet

Failure to submit the assignment within the negotiated timeframe may result in an N-award in Numeracy

Numeracy Year 12 Assessment Task

Nature of the task

In this task you will explore the implications of choosing to relocate to another town for a new job. You will consider finances, location, the environment, and climate to decide whether you will take up the new adventure.

There are six parts to the task. Answer all questions in each part.

- Show all of your calculations.
- Explain your reasoning, including references to any websites you access.
- Submit your work as either a hard copy or as a digital file.

Assessment criteria

The assessment of your response to this task will be based on:

- the accuracy and relevance of your calculations
- the application of numeracy knowledge and skills to this task
- your numerical reasoning and mathematical thinking (NRMT)
- your use of technology to investigate and solve problems.

Imagine yourself fully qualified and ready to begin full-time work in a job that interests you.

Part A: Calculating your pay (7 marks)

1. Locate a job advertisement for a job similar to the one you would like to have in the future and provide a copy of the job advertisement. The job must be in another town. (1 mark)

Paste an image of it in this box.

2. Identify and/or calculate the weekly, fortnightly, and annual pay for the job, showing all calculations. If your advertisement does not show the pay use the [Fair Work Pay Calculator](#) to assist your calculations. (3 marks)

Weeks	Working out	Pay
Weekly (1 week)		
Fortnightly (2 weeks)		
Annual (52 weeks)		

3. Using the fortnightly pay, use the [fortnightly withholding amounts](#) table on the ATO website to: (3 marks)

- a. determine how much PAYG (Pay As You Go) tax should be **deducted** (taken out) from your pay each fortnight. You will be using the '**with tax-free threshold**' column.

- b. calculate your fortnightly pay **after** tax has been **deducted** (taken out).
This is your **net** fortnightly pay that is the pay you get after tax.

Part B: Location (18 marks)

1. Find a rental property in the town you have chosen and provide a copy of the property advertisement and a photo of the property. For the purposes of this task, we will assume the rental property is fully furnished, meaning that you don't need to purchase furniture.

(1 mark)

Paste an image in this box.

2. Identify the: (3 marks)

a. type of property – eg house, unit, etc.

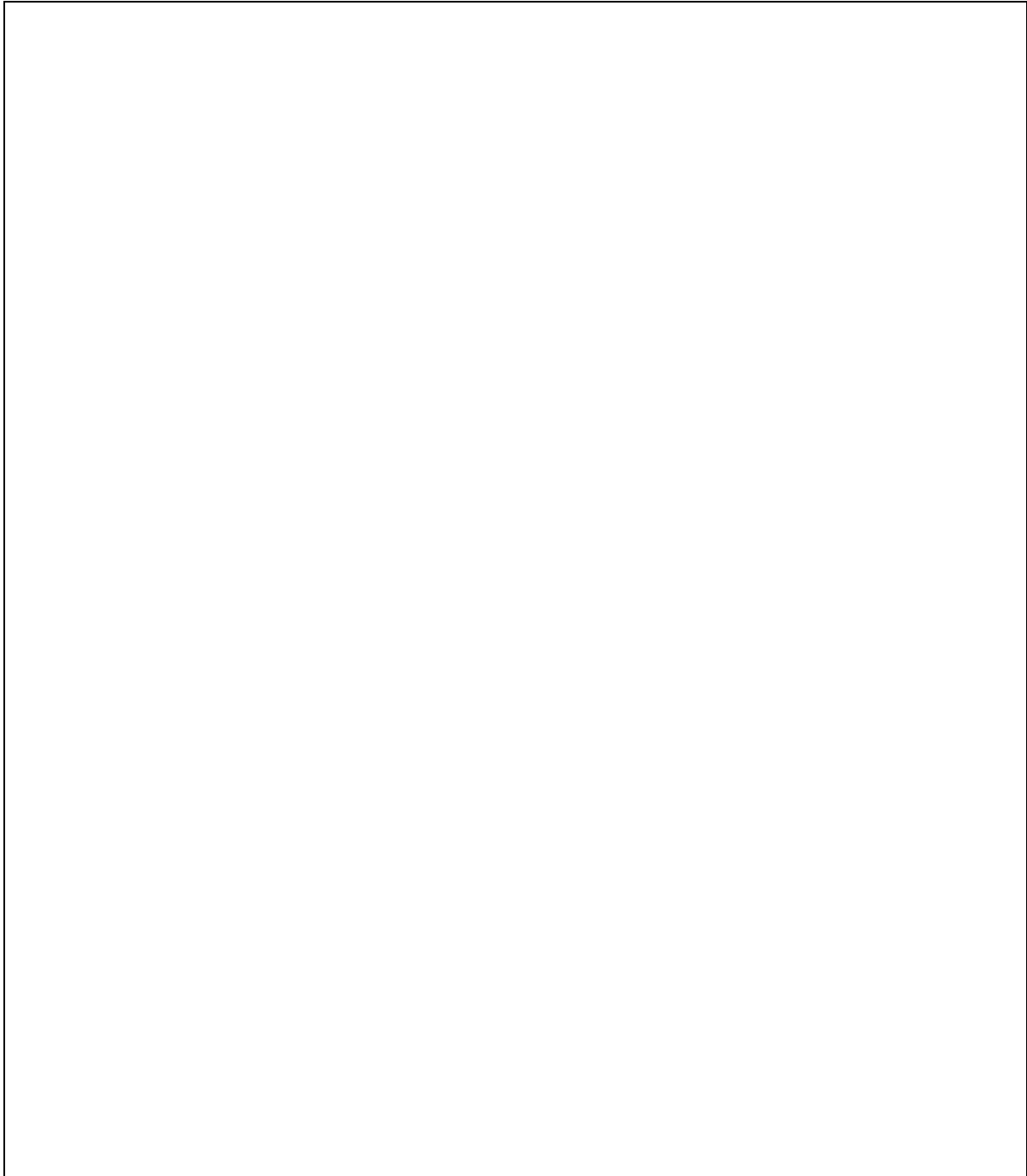
b. address

c. weekly rent

3. What is the bond for the property? If it is not given in the ad, the **bond** is usually **four weeks' rent**. Calculate the bond for this property. (1 mark)

4. Include a **map** of the local area. Mark the following features on the map: (6 marks)

- a. the rental property
- b. your new workplace
- c. the nearest supermarket
- d. the nearest Medical Centre
- e. **two** other places of interest to you.

A large, empty rectangular box with a thin black border, intended for the student to draw a map of the local area and mark the specified features.

5. Using an **online map**, determine the **time** it would take to travel by car from your current home to the rental property. Use the [pit stop planner](#) to plan rest and refueling times.

(3 marks)

Journey plan	Journey time
Travel time	
Rest and refuelling time	
Total time	

6. You need to give **directions** to a visitor from out of town to go from the **rental property** to the **supermarket**. (4 marks)

- a. record the directions.

Your directions should include:

- **directional language** such as: left, right, forwards, backwards.
- **positional language** such as: between, next to, in front of, behind.
- descriptive language
- street names.

Part C: Preparing for the new location (10 marks)

1. Determine the climate for the town where your job is located. Climate data can be found online at the [Australian Government Bureau of Meteorology](#). For **each month** of the year include: (5 marks)
 - lowest daily **minimum** temperature
 - highest daily **maximum** temperature
 - average (**mean**) monthly rainfall

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Min Temperature												
Max Temperature												
Average rainfall												

2. **Describe** what you would expect the **weather** to be like during the **winter and summer** months. Describe the impact this may have on your **lifestyle and activities**. (3 marks)

3. Identify any **clubs** that you could join or **activities** you could participate in if you were to move to this town. (2 marks)

Part D: Budget (7 marks)

Prepare a **fortnightly budget**.

1. Calculate the fortnightly cost of each of the expenses below. (5 marks)

Expenses	Weekly	Monthly	Annual	Fortnightly
Rent				
Car registration				
Car insurance				
Fuel				
Groceries				
Mobile phone				
Electricity/gas				
Entertainment				
Savings				
Other				

2. Complete the budget below using the **fortnightly costs** you have calculated in the table above. (2 marks)

Fortnightly income		Fortnightly expenses	
Net fortnightly pay (see Part A Question 3b)		Rent	
		Car registration	
		Car insurance	
		Fuel	
		Groceries	
		Mobile phone bill	
		Electricity/gas bill	
		Entertainment	
		Savings	
		Other	
Total		Total	

Part E: Taxation (8 marks)

PAYG (Pay As You Go) tax is the tax deducted from your pay **each pay cycle**. This gives an estimation of the annual tax and Medicare levy you will pay.

Income tax is the **annual** tax you will pay based on your income.

Medicare levy is 2% of your taxable income which is paid in addition to your income tax.

Tax due is made up of income tax and Medicare levy combined.

1. Using your fortnightly PAYG tax from Part A Question 3a, calculate the **annual** (yearly) amount of tax you would expect to pay. (2 marks)

Fortnightly PAYG tax

Weekly PAYG tax	Working out	Annual Tax deducted

2. Tax due: (3 marks)

- a. Determine your **income tax** using the [Simple Tax Calculator](#).
- b. Determine your **Medicare levy** using the [Medicare levy calculator](#).
- c. Complete the table to calculate **total tax due**.

Tax	Amount
Income tax	
Medicare levy	
Total tax due	

3. Compare the tax due in Question 2 with the total tax deducted in Question 1. Would you get a **tax return** or **tax bill**? (1 mark)

4. Tax deductions (2 marks)

List possible tax deductions for your job. Estimate the cost and the total.

Tax deductions	Estimation of cost
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
Total	

Part F: Will this be your new job, new adventure? (6 marks)

1. Considering your income and expenses from Part D Question 2, could you afford to relocate for this job? Justify your answer. (2 marks)

2. How could you make the move more affordable? Are there parts of your budget that you could adapt to save money? (2 marks)

3. Will you decide to apply for this job and start this new adventure? What are your reasons for making your decision? (2 marks)

End of assessment task

Mark _____/56

Teacher Comment

