

Carlingford High School



Mathematics

Year 9 5.1 Maths- Take home Assessment 2019

Name: _____

Ms Bennett

Time allowed: 2 Weeks

Due date: 20th March, Period 4

*Weighting: This assignment will count for 100% of your term 1
Assessment mark*

- Late submissions will lose 20% per day, unless doctor's certificate provided.
- Answer all questions in the spaces provided.
- You may complete your assignment on the paper provided, or you may complete the assignment using your device and submit digitally to via the Google Classroom.
- Marks may be deducted for careless or untidy work.

Topic	Earning Money	Percent
Mark	/50	%

Part 1- Casual Employment

When you are 15 years old, you decide to get a casual job to earn some money after school, and on the weekends.

You see this advertisement for Woolworths:



Are you passionate about retail and providing exceptional customer service? The successful candidates will have a true passion for customer service, will enjoy working as part of a team and will thrive in an environment where quality is at the heart of everything you do.

This is a casual on call role which has shifts over a 7 day roster at short notice and may include day shifts as well as night work.

Key responsibilities include:

- Providing customers with fast, efficient, friendly and knowledgeable service
- Answer customer queries and complaints in a courteous manner
- Cash handling
- Register transactions
- Working cooperatively in a team environment
- Ensure the health and safety of all store associates and customers

To be considered for this role applicants need to be able to meet the following selection criteria:

- A passion for Customer service
- Outgoing and enthusiastic personality
- Ability to work flexible retail hours
- Work in a fast paced team environment
- Perform repetitive lifting or tasks
- Portray a positive attitude at all times
- Demonstrate clear written and verbal communications skills
- Previous experience in a customer service role would be beneficial

At Countdown, safety is a core value - countdown to zero is our mission of zero harm to our people, environment and community.

You want to get an idea of how much the pay is, so you start doing some research. *The Woolworths Supermarkets Agreement 2018* has information on pay. The link is here:

<https://www.sda.com.au/media/Woolworths-Supermarkets-Agreement-2018-Final-02.10.2018.pdf>

So far, you have worked out that the base rate for a person your age is **\$10.52 per hour**.

You get to page 12 of the document and see a table with **penalty (overtime) rates**.


You can see that from Monday to Friday you get 25% more than the base rate as 'casual loading'.

1. Why do casual workers get Casual Loading? (you may have to research this)

[2]

2. Calculate the hourly rate for each of the given times, and write it in the right hand column.

For ages 16 and under: Base rate of pay = **\$10.52 per hour**



Days of the week	Hours	Casual rates of pay (penalty rates are inclusive of 25% casual loading)	Hourly rate
Monday to Friday "normal hours"	7:00am-6:00pm	Base rate + 25%	
Monday to Friday "Weekday night hours"	6:00pm- 11:00pm	Base rate + 30%	
Saturday	7:00am- 11:00pm	Base rate + 40%	
Sunday	9:00am- 11:00pm	Base rate + 85%	

[4]

You want to get an idea of how much you could earn a week, so you ask an older friend who has been working at Woolworths. They tell you they work Thursday nights from 4pm-8pm, Saturday from 7am-12pm and Sunday from 4pm-8pm.

3. Fill out the payslip to calculate how much they earn for a week.

[10]

	Hours worked	Number of Normal hours	Number of Weekday night hours	Number of Saturday hours	Number of Sunday hours
Monday					
Tuesday					
Wednesday					
Thursday	4:00pm-8:00pm				
Friday					
Saturday	7am-12pm				
Sunday	4pm-8pm				

Total number of normal hours: _____

Total number of weekday night hours: _____

Total number of Saturday hours: _____

Total number of Sunday hours: _____

Calculate the total weekly earnings: (show your working out)

4. Say you earned this amount per week, each week for a year. How much would you earn in total over the year?

[1]

5. Here is a current tax table. If you earned this much per year, how much tax would you pay for the year?

Current Resident Tax Rates 2018 - 2019

Taxable income	Tax on this income
\$0 – \$18,200	Nil
\$18,201– \$37,000	19c for each \$1 over \$18,200
\$37,001 - \$90,000	\$3,572 plus 32.5c for each \$1 over \$37,000
\$90,001 - \$180,000	\$20,797 plus 37c for each \$1 over \$90,000
\$180,001 and over	\$54,097 plus 45c for every \$1 over \$180,000

[1]

6. Page 13 of the *Woolworths Supermarkets Agreement* tells you the rest breaks you should be getting for these shifts.

(Click here: <https://www.sda.com.au/media/Woolworths-Supermarkets-Agreement-2018-Final-02.10.2018.pdf>) For a 5 hour shift, explain when you would get a rest break, for how long and if they are paid or unpaid.

[2]

After all this investigating, you start thinking about the differences between casual and permanent (full time or part time) employment.

7. Do some research and come up with some advantages/ disadvantages of casual vs. permanent employment. Write down at least 2 points in each box. [4]

	Casual	Permanent
Advantage		
Disadvantage		


Part 2- Permanent Employment

You start researching jobs that earn a salary that you want to get when you leave school.

8. Go to a job searching website and find a job that might interest you for when you leave school. You can either print the ad and paste it here, or copy and paste it in here if you are working digitally. The job must have an actual salary you can use. [2]

For example, this job as a receptionist has the following salary range listed:

20 Feb 2019
Sydney
\$50000.00 - \$55000.00 p.a. + Super
+ OTE
Full Time
Sales
Other



You may wish to use one of the following websites:

<https://www.careerone.com.au/>

<https://au.indeed.com/>

<https://www.seek.com.au/>

PASTE JOB ADVERTISEMENT HERE

9. Write down your chosen profession:

_____ [1]

10. Write down the salary of your chosen profession. (your gross income) Note: if it gives you a salary range, feel free to choose the highest value, you know you deserve it!

_____ [1]

11. Are there any other incentives associated with this job? For example, commissions or bonuses? Describe:

_____ [1]

12. Calculate your gross weekly pay. _____ [1]

13. What will be 4 weeks worth of pay? _____ [1]

14. For this job, you are entitled to holiday loading. Fill in the blanks:

Holiday loading is _____ % of _____ weeks pay. [2]

15. The holiday loading for this job will be: _____
_____ [2]

16. Your total holiday pay will be: _____
_____ [2]

17. Let's say you need to do your first tax return at the end of the year. You have made some work-related purchases that can be used as allowable deductions. Name 3 kinds of things would be acceptable to use as allowable deductions for your chosen job. (For example, a chef could claim a knife set she had personally purchased but uses for work) You may wish to look here for some guidance: <https://www.ato.gov.au/individuals/income-and-deductions/deductions-you-can-claim/>

_____ [3]

18. You end up claiming \$1560 of allowable deductions. What is your annual taxable income?

_____ [2]

19. Use the tax table to calculate how much tax you will have to pay on your salary that year.

Current Resident Tax Rates 2018 - 2019

Taxable income	Tax on this income
\$0 – \$18,200	Nil
\$18,201– \$37,000	19c for each \$1 over \$18,200
\$37,001 - \$90,000	\$3,572 plus 32.5c for each \$1 over \$37,000
\$90,001 - \$180,000	\$20,797 plus 37c for each \$1 over \$90,000
\$180,001 and over	\$54,097 plus 45c for every \$1 over \$180,000

[3]

20. How much will you earn in one year after tax? (your net income)

[2]

21. Write down 3 things you have learnt while completing this project.

[illegible]