

2021 Worksheet 1

Year 11 Life Mathematics

1. Fill in the blanks using the word list below.

budget, fixed expenses, variable expenses, double-time pay, savings goals, time-and-a-half pay, overtime

- a. Pay that is 1.5 times the regular hourly pay rate of an employee is called _____.
 - b. Time worked beyond the end of a usual working day is called _____.
 - c. A _____ is a plan of income and expenditure.
 - d. Budgets make it possible for people to reach their _____.
 - e. Expenses which change depending on the level of use or consumption and may change from period to period are called _____.
2. The driving distance from Raju's home to his work is 20 km. He drives to and from work five times each week. His car uses fuel at the rate of 12 L /100 km. How much fuel does he use driving to and from work each week?
3. Tina's regular-time pay rate is \$5.00 per hour. What time-and-a-half and double-time rates would she earn for overtime work?
4. Nene's hourly pay is \$8.50 and his standard number of hours per week is 40. In one particular week he worked 12 hours overtime at the rate of double his normal hourly pay. What was his gross pay for that week?
5. The **cash price** of a refrigerator is \$1500. To buy this refrigerator on hire purchase, a 5% deposit is required, then 24 monthly payments of \$80.
- How much more than the cash price will be paid if the refrigerator is bought on **hire purchase**?