

Student Name

## Eastern Goldfields College

**Essential Mathematics Unit 1 2018** 

**Application 1** 

Total Marks: 56 marks (10%)

Calculators and one A4 page of notes.

## PETER'S PLACE



## Part A

## 40 marks

Peter has just moved in to a rental property. He shares his house with one other person and has listed the following expenses:

Rent is \$400 per week, Food is \$150 per week, Moped fuel is \$10 per week, Electricity and gas is \$2160 annually and his phone plan is \$49 per month.

He has decided to allocate \$60 per month to clothing, \$200 per fortnight to entertainment, \$15 per week for medical care and \$20 per week for gym membership.

Peter has an apprenticeship and a copy of his time sheet is attached which shows his weekly income. His pay rate is normal for the first 8 hours on a week day. Any extra hours on a week day are paid at time and a half and any hours worked on a weekend are paid at double time.

NB: If Peter shares his accommodation he will only pay \$200 per week for rent and \$90 per month for electricity and gas.

1. Complete Peter's timesheet.

(9 marks)

- 2. Display Peter's income on the **Budget Table** as weekly, fortnightly, monthly and annual amounts and complete ALL entries. (12 marks)
- 3. Superannuation is a form of saving to provide you with an income after you retire from the workforce. Australian employers must contribute a percentage of the employee's salary. Calculate Peter's annual superannuation if his rate is 9.5% p.a. /

4. State Peter's total expenses per fortnight.

\$1081.85

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