

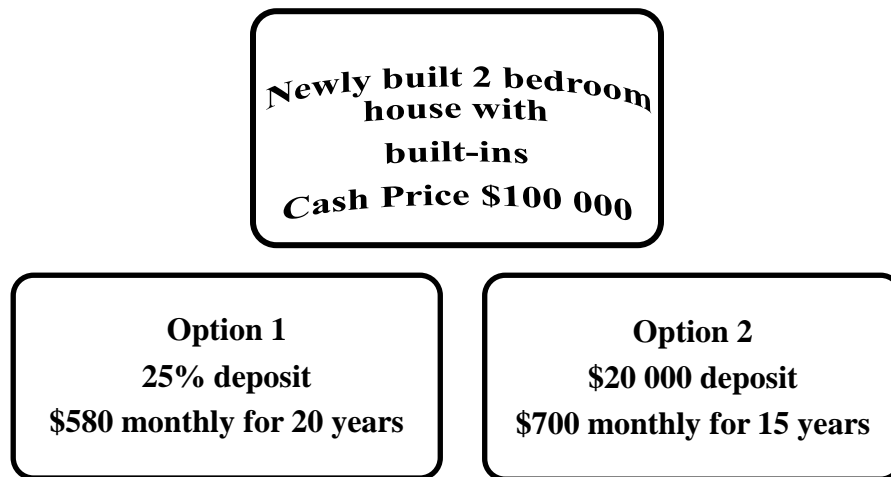
2021 Worksheet 8

Year 11 Life Mathematics

Write the answers in your Exercise Book.

1. A car travelled 100 km in 2 hours and used \$40 worth of fuel.
1 litre of fuel cost \$2.00
- (a) How many litres of fuel were used? (1 mark)
- (b) If the car's fuel tank has a volume of 40 L, how much money was needed to fill the tank to full capacity? (1 mark)
- (b) What was the average **speed** of the journey? (1 mark)

Use the information below to answer the questions 2, 3 and 4.



2. Tevita decides to take **option 1**.
- (a) How much **deposit** will he pay? (1 mark)
- (b) Calculate the **total amount** he will pay. (1 mark)
3. If Tevita decides to take **option 2**, calculate the **total amount** he will pay. (1 mark)
4. Which option would require Tevita to pay **less**? (1 mark)