

Grade 10 Math Lit - Apollonwork

Lesson 10 - 29 June 2020

Finance.

| 3a) Fixed | variable | irregular |
|--|--|-----------|
| - Household Insurance - Car Repayments - Property Rent - Car Insurance - School fees - Furniture Repairm. | - Landline + monthly costs - Cellphone Expenses - Electricity - Petrol - Food + essentials | |

b) NYAKO FAMILY MONTHLY BUDGET.

| Income | R | Expenditure | R |
|-------------------|--------|---|--------|
| Salary - Mr Nyako | 23 000 | <u>FIXED EXP</u> ① Household Insurance | 1 300 |
| - Mrs Nyako | 8 000 | ② Car Repayments | 2 999 |
| | | ③ Property Rent | 6 500 |
| | | ④ Car Insurance | 590 |
| | | ⑤ School fees | 1 000 |
| | | ⑥ Furniture Repayments | 2 500 |
| | | <u>VARIABLE EXP</u> | |
| | | ① Landline + Monthly costs | 380 |
| | | ② CellPhone Expenses. | 550 |
| | | ③ Electricity | 550 |
| | | ④ Petrol | 2 000 |
| | | ⑤ Food + other essentials | 8 000 |
| Total Income | 31 000 | Total Expenses | 27 669 |

Money left over = R 3331

d) R 3 331

$$\begin{aligned} & \text{d) } 7\% \times 23000 \\ & = \frac{R 1610}{\text{}} - \text{Saving For holiday} \\ & \text{* (see green writing)} \end{aligned}$$

$$\begin{array}{r} \text{Income} = 31000 \\ \text{Expense} = 27669 \\ + \text{1610 saving} \\ \hline 29279 \end{array}$$
$$\begin{array}{r} \text{money left over} \\ \hline 31000 \\ \text{R 1721} \end{array}$$

$$\begin{aligned} \text{e) DSTV} &= R 650 \\ \text{Income} &= 31000 \\ \text{Expense} &= 29279 \\ &+ \text{650 (DSTV)} \\ \hline 29279 \end{aligned}$$

* can ~~afford~~ afford DSTV contract.
 \Rightarrow money left over = R 1071

$$\begin{aligned} \text{f) Rent (new)} &= 6500 + (6500 \times 15\%) \\ &= 6500 + 975 \\ &= \frac{R 7475}{\text{}} \end{aligned}$$

Money left over R 1071
rent increase is R 975 - can afford.

g) Medical, entertainment, unexpected/emergency money