

Question 1:

$$\frac{9.8}{100} \times 40500 = \$3969$$

Question 2:

Rent & Bills

$$650 - 280$$

$$9620$$

$$801.67$$

$$\text{Rent } \frac{650}{370} \times 26 = \frac{16900}{12} = \$1408.33$$

$$\text{Groceries } 55 \times 52 = \frac{2860}{12} = \$238.33$$

$$\text{Water Bill } 195 \times 4 = \frac{780}{2} = \frac{390}{12} = \$32.50$$

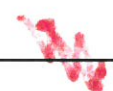
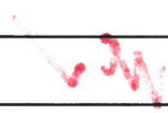
$$\text{Electricity Bill } 230 \times 3 = \frac{690}{2} = \frac{345}{12} = \$28.75$$

$$\text{Oven Repayments } 5000 \times \frac{4.9}{100} \times 1 = 245$$

$$5000 + 245 = 5245$$

$$5245 \div 12 = 437.08$$

$$\text{TOTAL EXPENSES} = \$1538.33$$



Occupation

$$\begin{aligned}\text{gross pay} &= 40,500 - 37,000 = 3500 \checkmark \\ &= 3572 + (0.25 \times 3500) \checkmark \\ &= 4709.5 \checkmark \\ &= 40500 - 4709.5 = \frac{35790.5}{12} \checkmark \\ &= \$2982.54 \checkmark\end{aligned}$$

$$\begin{aligned}\text{cupcakes} &= 25 \times 4 = 100 \\ &2 \times 120 = 240 \checkmark \\ &1 \times 250 = 250 \\ &\quad \underline{590} - 225 \checkmark \\ &= \$365 \checkmark\end{aligned}$$

$$\begin{aligned}\text{library} &= 4.5 \times 22.5 \times 1.5 = \$151.875 \checkmark \\ &4.5 \times 22.5 = \$101.25 \checkmark \\ &\quad \underline{\$253.125} \checkmark\end{aligned}$$

$$\text{TOTAL} = 3600.66 \checkmark$$

$$\begin{aligned}\text{MONEY LEFT} &= 3600.66 + 1650 - 1538.33 \checkmark \\ &= \$3712.33 \checkmark\end{aligned}$$

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