

Monyetla Bursary Project

Gr 12

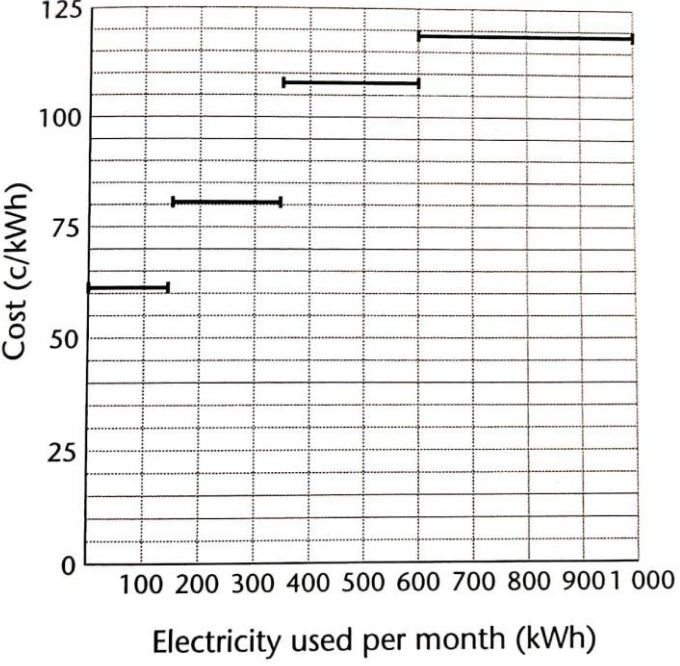
Maths Lit

Finance – Part 2

MEMO

Question 1:

1.1	<p>Block 1 = $150 \times 61,60$</p> <p>= 9 240 c</p> <p>= R92,40</p> <p>Block 2 = $(286 - 150) \times 81,04$</p> <p>= $136 \times 81,04$</p> <p>= 11 021,44</p> <p>= R110,2144</p> <p>Total = R92,40 + R110,2144</p> <p>= R202,6144</p> <p>VAT = $R202,6144 \times \frac{15}{100}$</p> <p>= R30,39216</p> <p>Total = R202,6144 + R30,39216</p> <p>= R233,01</p>	<p>Converting cents to Rand divide by 100.</p> <p>Only round to 2 decimals at the final answer.</p>
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1.2	 <p>Scanned with CamScanner</p>	
1.3	<p>Block 1 = $600 \times 107,43$ $= 64\,458$ $= R644,58$</p> <p>Block 2 = $(750 - 600) \times 118,06$ $= 150 \times 118,06$ $= 17\,709$ $= R177,09$</p> <p>Total = $R644,58 + R177,09$ $= R821,67$</p> <p>VAT = $R821,67 \times \frac{15}{100}$ $= R123,2505$</p> <p>Total = $R821,67 + R123,2505$ $= R944,92$</p>	
1.4.1	$R850,50 \times \frac{100}{115}$ $= R739,57$	Amount given $\times \frac{? \%}{\text{given } \%}$
1.4.2	<p>Block 1 usage = $600 \times R1,0743$ $= R644,58$</p>	All 600 kWh in the 1 st block have been used, therefore the

	<p>Cost in Block 2 = $R739,57 - R644,58$ $= R94,99$</p> <p>Usage in block 2 = $R94,99 \div R1,1806$ $= 80,46$</p> <p>Total usage = $600 + 80,46$ $= 680,46$</p>	<p>remaining usage was charged according to the 2nd block.</p>
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Question 2:

2.1	<p>Cost = $100 \times R0,70$ $= R70$</p>	
2.2	<p>$R67 \div 200$ $= R0,34$ per Mb</p>	
2.3	<p>A: Total cost = $R100 + R70$ $= R170$ per month</p> <p>B: Total cost = $R135 + R67$ $= R202$ per month</p>	
2.4	<p>C: Total cost = $R99 + 150 \times R0,45$ $= R166,65$ per month</p>	
2.5	Contract C	