

## Activity 1

Study the payslip and answer the questions that follow.

Starship Enterprises 48 Trek Lane Johannesburg 8155	Employee code: 1002 Emp. Name: Mr I. M. Spock Job title: Federation ambassador	Period end date: 2017/11/30 Date engaged: 2012/01/01 ID Number: 5411135057086		
Hours / days	Earnings	Deductions		
30 days	Daily rate	A		
		Tax	13 236	
		UIF	483,50	
		Pension	855	
	Total	48 350	Total	14 574,50
			Nett Pay	B

- For which company does I. M. Spock work?
- How long has he worked for this company, assuming that this is his most recent payslip?
- Calculate the value of A, his daily rate.
- Calculate the value of B, his nett pay.
- What percentage of his total gross income is the UIF contribution? Show all calculations.
- Mr I. M. Spock's employer must contribute the same amount as him to UIF on his behalf. How much is paid to UIF for Mr I. M. Spock in total this month?
- How much tax does he pay in a year?

## Activity 2

Study the account on the next page and answer the following questions.

- Who is the account holder?
- For which month and year is this account?
- What is this account for?
- How much of a discount is this person getting on their subscription?
- How much is owed in total?
- Show how that total was calculated.
- On what date was the last payment made?
- How much money was brought forward from the previous month's account? How do you know?
- How much is being spent on insurance on both devices?
- Why do you think this person has insurance on their devices?
- Would the account holder know by when she must pay the account?



# STATEMENT

MultiChoice Support Services (Pty) Ltd | Reg No: 2007/014131/07 | VAT No: 4520244353

**Mrs Angela Thembo**

**18 Freemont Drive  
Jacksonville ext 12  
Northlands  
5512**

**Customer No** 112564

**Statement Date** 11 Nov 2017

**Statement Period**

**From** 01 Oct 2017

**To** 31 Oct 2017

Date	Description	From	To	Amount (ZAR)
	<b>Opening Balance</b>			<b>849.00</b>
01 Oct 2017	Explora Premium Payment Plan R849 Instalment	01 Oct 2017	01 Oct 2017	99.00
29 Oct 2017	DStv Premium Subscription	01 Nov 2017	30 Nov 2017	699.00
29 Oct 2017	Dstv Explora Premium Payment Plan R849 Discount	01 Nov 2017	30 Nov 2017	-29.00
29 Oct 2017	Access Fee	01 Nov 2017	30 Nov 2017	80.00
	Device 1			
01 Oct 2017	Device Care Contract Insurance Premium	01 Oct 2017	31 Oct 2017	35.00
	Device 2			
01 Oct 2017	Device Care Contract Insurance Premium	01 Oct 2017	31 Oct 2017	29.50
	<b>Other</b>			
01 Oct 2017	Payments			-84.50
01 Oct 2017	Payments			-849.00
18 Oct 2017	Box Office Rental	18 Oct 2017	18 Oct 2017	35.00
	<b>Closing Balance</b>			<b>884.00</b>

> 90 days	61 - 90 days	31- 60 days	1 - 30 days	Not yet due	Total
0.00	0.00	0.00	0.00	884.00	884.00

## Activity 3

Study the two extracts from a home loan (bond) statement below and answer the questions that follow.

### Extract 1

Home Loan Statement as at 18 March 2017	
Account Number : 458-6311-085	Page 1 of 2
<b>Bonded Property:</b> 18 Jackal Avenue Summer's Valley Northern Coast 6180	<b>Account Summary</b> <b>Loan Details</b> Registered Bond Amount R 820 000.00Dr Bond Registration Date 26 February 2016 Balance Outstanding R 812 802.22Dr
<b>Home Owners Comprehensive Cover</b> <ul style="list-style-type: none"> <li>- Home Owners Comprehensive Cover is a condition of your lending on Freehold and Sectional Title properties.</li> <li>- Copies of annual renewals for Freehold properties must be sent to hlebusiness@fnb.co.za.</li> <li>- If you are insured with OUTsurance - this is not required as OUTsurance provides this to the bank.</li> <li>- Any changes in cover, or Insurance provider must be sent to hlebusiness@fnb.co.za.</li> </ul>	<b>Term</b> Remaining Loan Term 19 years 0 months Loan End Date 01 March 2036 <b>Interest Rate</b> Current Interest Rate 10.20% <b>Repayment Breakdown</b> Basic Repayment R 8 084.95Dr House Insurance Premiums R 49.95Dr Administration Fee Including VAT R 57.00Dr Life Assurance Premium R 976.80Dr <b>Total Monthly Repayment R 9 168.70Dr</b> Repayment Day 01

### Extract 2

Home Loan Transaction History from 11 December 2016 to 18 March 2017				
Transaction Date	Description	Debits R	Credits R	Balance R
11 Dec 2016	Opening Balance			817 015.70Dr
31 Dec 2016	Debit Order		9 615.58	807 400.12Dr
01 Jan 2017	Interest	7 075.13		814 475.25Dr
03 Jan 2017	Cop Insurance Premium	980.04		815 455.29Dr
03 Jan 2017	#Monthly Service Fee	57.00		815 512.29Dr
01 Feb 2017	Interest	7 064.21		822 576.50Dr
01 Feb 2017	Cop Insurance Premium	978.54		823 555.04Dr
01 Feb 2017	#Monthly Service Fee	57.00		823 612.04Dr
01 Feb 2017	Debit Order		9 614.74	813 997.30Dr
01 Mar 2017	Interest	6 369.25		820 366.55Dr
01 Mar 2017	Cop Insurance Premium	976.80		821 343.35Dr
01 Mar 2017	#Monthly Service Fee	57.00		821 400.35Dr
01 Mar 2017	Renewal Houseowners Ins	522.36		821 922.71Dr
01 Mar 2017	Debit Order		9 120.49	812 802.22Dr
18 Mar 2017	Closing Balance			812 802.22Dr
Items marked # attract VAT.				
Total Vatable Transactions		:R	171.00Dr	

1. Refer to Extract 1
  - a. For how long had the bond holder been paying this bond at the time of this statement?
  - b. On what date is the next payment due?
  - c. Using the remaining loan term and monthly repayments, calculate how much this person will pay on this bond from the time of this statement (assuming the monthly repayments stay the same).
  - d. How much more will they pay than the original bond amount?
  - e. What do we call this extra money they will pay?
  - f. The account holder's friend suggests that they pay more per month than the required amount. Suggest a reason why this would be beneficial.
  - g. Can you think of a reason why life insurance is included as part of the bond repayment?
2. Refer to Extract 2
  - a. What was the opening balance on the statement?
  - b. What was the closing balance on the statement?
  - c. Calculate the difference in these two amounts.
  - d. Calculate the total amount paid into the loan between the opening and closing balance.
  - e. Explain why there is such a big difference between the amounts you calculated in QUESTION 2c and Question 2d.
  - f. Value added tax (VAT) is calculated at 14%. Calculate the VAT paid on the vatable items in this statement.

## Activity 4

Study the service statement on the next page and answer the questions below.

1. Show how the VAT amount for the electricity charge was calculated.
2. Show how the daily average water consumption was calculated.
3. How much is the daily average water consumption in litres?
4. Calculate the total amount of VAT paid by this homeowner this month.
5. Calculate the total amount owed, if the property rates came to R654.93 that month?
6. Calculate the sewer monthly charge per m<sup>2</sup>.
7. Show how the electricity charge of R1 037.93 was calculated.
8. Explain what is meant by "step 1" "step 2" and so on.

<b>City Power Electricity</b>	<b>VAT 4710191182</b>	<b>Sub - Total</b>	<b>Total Amount</b>
(Reading period = 2017/10/31 to 2017/12/01 = 32 days)			
Energy meter readings and consumption: Meter no. .... start reading 34,836.000 and end reading 35,721.000 = 885.000 kWh - Actual Reading			
Daily average consumption 27.656 kWh			
Charges for 885.000 kWh are based on a sliding scale for a 32 day period			
Step 1 525.667 kWh @ R 1.1065 ( Billing Period 2017/12 )		1,037.93	
Step 2 359.333 kWh @ R 1.2698			
Extended Social Package Grant		0.00	
Demand side management levy Demand side management levy		7.18	
Service charge		114.57	
Network charge		337.52	
VAT: 14.00%		209.61	1,706.81

<b>Johannesburg Water Water &amp; Sanitation</b>	<b>VAT 4270191077</b>	<b>Sub - Total</b>	<b>Total Amount</b>
(Reading period = 2017/10/21 to 2017/11/17 = 28 days)			
Meter readings and consumption: Meter no. .... reading 7,622.000 and end reading 7,650.000 = 28.000 KL - Actual Reading			
Daily average consumption 1.000 KL			
Charges for 28.000 KL are based on a sliding scale for a 28 day period			
Step 1 5.520 KL @ R 7.1400			
Step 2 3.679 KL @ R 7.5800			
Step 3 4.600 KL @ R 13.170			
Step 4 4.599 KL @ R 19.630			
Step 5 9.200 KL @ R 26.960			
Step 6 0.402 KL @ R 29.220		477.94	
Extended Social Package Grant		0.00	
Demand Management Levy		20.00	
Sewer monthly charge based on Stand size 1036 m2 ( Billing Period 2017/12 )		506.44	
VAT: 14.00%		140.61	1,144.99

<b>PIKITUP Refuse</b>	<b>VAT 4790191292</b>	<b>Sub - Total</b>	<b>Total Amount</b>
WASTE MANAGEMENT SERVICE			
Refuse Charge		207.00	
VAT: 14.00%		28.98	235.98