



Practice Questions

Mathematics
Literacy

you must do this question in one of two ways:

- 1) if you do not know what to do, discuss it with me on the group*
- 2) if you have indeed completed it, or tried to do it, post a photo on the group.*

Alice joined a stokvel group of 8 women and started paying contributions in January 2014. Each member has to contribute R400,00 a month and also has to raise an amount of R2 000,00 excluding monthly contributions. They will share the money amongst each other on the 10th of December 2014. The last month for contributions is November 2014. If you borrow any amount the interest charged is 20% of the amount loan debt per month. The loan increases by the interest amount if not paid. The interest raised by a member from a loan will belong to her.

- Alice took a loan of R1 525, 00 for two months. She did not pay the interest in the first month. Calculate the total interest amount she will have to pay at the end of two months. **R671,00**
- Determine the total amount they will have as a group, including Alice's additional interest amount. **R51 871,00**
- Calculate the total amount Alice will receive on the day they share their money, including her own additional interest amount. **R7 071,00**



[10 minutes]



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Calvin saw a book advertising boat cruises. Hazel, his daughter, got it from the Marine Expo at the Mdantsane Indoor Sports Centre.

She chooses the inside cabin price of the cruise from Barcelona to Venice. It is for 9 nights and the cost is from \$1,587 to \$4,760.

- Calculate the maximum cost for cruising in an inside cabin of the ship in Rand. (1\$ = R14,82.) **R70 543,20**
- There was a helicopter at the expo. It costs R1 571,05 for a 30 minute flight excluding VAT. Calculate the cost of the flight for an hour including 15% VAT. **R3 613,42**



[10 minutes]