

[Where necessary, round off to 2 decimals.]

(1) A bank offers the following possibilities:

- (a) Simple interest at 12% pa for 6 years.
- (b) Simple interest at 1,25% per month for 5 years.
- (c) Compound interest at 9% pa for 6 years, annually compounded.
- (d) Compound interest at 10% pa for 5 years, half-yearly compounded.

Which of the above will be the best option for an investment of R100 000?

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(2) One British pound costs R13,50 and one American dollar costs R7,24. Calculate the exchange rate between the British pound and the American dollar.

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(3) Ronald decided to invest R30 000 overseas eight years ago. He invested it in Britain at a fixed rate (in Britain) of 3% pa compound interest. When he invested it 8 years ago the exchange rate was £1 = R10,47. How much rand will be paid out if the current exchange rate is £1 = R13,28? Do you think it was a wise decision to invest the money in Britain and is it a good time to draw the money now?

[illegible]