

11. Harriet invests a sum of money into a savings account that pays compound interest at 3% per annum.  
No further deposits or withdrawals are made.

A spreadsheet is used to calculate the total amount, £ $A$ , in Harriet's account.  
It contains the formula

$$A = 220 \times 1.03^x,$$

where  $x$  is the number of years since the investment was started.

- (a) How much did Harriet initially invest in her savings account? [1]

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- (b) Calculate the amount in Harriet's savings account after 1 year. [2]

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