Jan 2012 3H Paper

10 A bank pays compound interest of 6% per annum on its savings accounts. Julia invests $7500 for 3 years.

Calculate the total interest gained after 3 years.

Jan 2015 4H Paper

14 Kwo invests HK$40000 for 3 years at 2.5% per year compound interest. Work out the value of the investment at the end of 3 years.
3 Amit invests 15 000 rupees.  
At the end of one year, his investment has increased by $7 \frac{1}{2} \%$
(a) Work out the value of Amit’s investment at the end of one year.

Priya invests a sum of money at an interest rate of 8% per year.  
At the end of one year, the interest she receives is 1800 rupees.
(b) Work out the value of Priya’s investment at the end of one year.

14 Liam invests £8000 in a savings account for 4 years. 
The savings account pays compound interest at a rate of

4.5 \% for the first year
2.75 \% for all subsequent years.

(a) Work out the value of Liam’s investment at the end of 4 years.

Max invests some money in a savings bond.  
The savings bond pays interest at a rate of 2% per year.
At the end of the first year, his savings bond is worth £5763
(b) How much money did Max invest in the savings bond?
5. (a) Cheng invested 3500 dollars. 
   At the end of one year, interest of 161 dollars was added to his account. 

   Express 161 as a percentage of 3500 

   (b) Lian invested an amount of money at an interest rate of 5.2% per year. 
   After one year, she received interest of 338 dollars. 

   Work out the amount of money Lian invested. 

June 2007 3H Paper 

8. (a) Shri invested 4500 dollars. After one year, he received 270 dollars interest. 
   Work out 270 as a percentage of 4500 

   (b) Kareena invested an amount of money at an interest rate of 4.5% per year. 
   After one year, she received 117 dollars interest. 
   Work out the amount of money Kareena invested. 

   (c) Ravi invested an amount of money at an interest rate of 4% per year. 
   At the end of one year, interest was added to his account and the total amount in his account was then 3328 dollars. 
   Work out the amount of money Ravi invested.