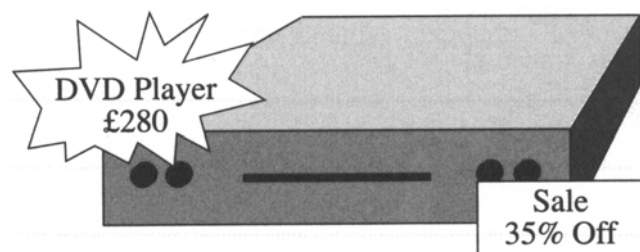


Pen y Dre High School  
Past Paper Questions  
Household Finance

1. Every year, an item of furniture depreciates by 15% of its value at the start of that year. An item of furniture is bought for £3000. How much will it be worth in 3 years time?
2. A builder gives a householder a bill for £423, inclusive of VAT charged at  $17\frac{1}{2}\%$ . How much was the VAT itself?
3. Calculate the total interest earned when £900 is invested for 3 years at 7% **Compound Interest**.
4. What will be the amount if £5000 is invested for 3 years at the rate of 4% **Compound Interest**.
5. Calculate to the nearest penny, the **Compound Interest** earned when £3000 is invested for 3 years at 6% per annum.
6. On April 1<sup>st</sup> Marcus owed £250 on his Credit card Account. The Credit Card Company requires Marcus to pay 10% of the balance on the 20<sup>th</sup> of each month. The company charges 2% on what the balance is on the 28<sup>th</sup> of each month. Marcus pays the minimum each month. Write down full details of his account up to May 31<sup>st</sup>.
7. Sam invests £3500 at 7% per annum **Compound Interest**. Find the amount at the end of 3 years.
8. Fiona borrowed £650 on 2<sup>nd</sup> July 1999. Interest is charged at the rate of 2.5% per month on the amount owing on the 1<sup>st</sup> of each month. She makes regular payments of £50 on the 28<sup>th</sup> of each month. What will be the balance on the account on 2<sup>nd</sup> September 1999.
9. Calculate the amount that £2500 will become, if it is invested for 4 years at 6% per annum, Simple Interest.
10. Bethan invest £1200 at Simple Interest of 7% per annum. Find the value of the investment after 3 years.

11. The cash price of a computer is £800. The Hire Purchase cost is made up of a deposit of 10% of the cash price plus twelve monthly instalments of £70.
- What is the full Hire Purchase cost?
  - Express the difference between the Hire Purchase cost and the cash price cost as a percentage of the cash price of £800.
12. Wayne invests £400 at Simple Interest of 5% per annum. Find the value of the investment after 2 years.
13. (a) Tim went to America. He changed £900 into dollars, when the exchange rate was £1 = \$1.55. How many dollars did Tim get?
- (b) At the end of the holiday Tim had \$32 left. He changed them into pounds, when the exchange rate was £1 = \$1.60. How many pounds did Tim get?
14. (a) Susan changed £500 into South African Rand, when the rate of exchange was £1 = 9.90 Rand. How many did she get?
- (b) During her holiday Susan spent 4005 Rand.
- How many Rand did she have left?
  - She changed her remaining Rand into pounds, when the exchange rate was £1 = 10.50 Rand. How many pounds did she get?
15. John makes a bird table at a cost of £35. He sells the table and makes a profit of 40%. Calculate the selling price of the bird table.

16.



A DVD player was priced at £280. In a sale it was offered at a reduction of 35%. How much does it cost in the sale?