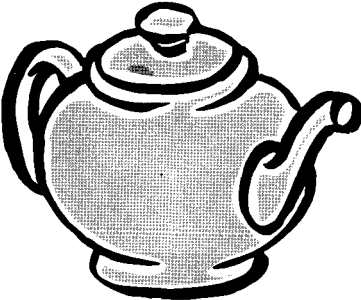


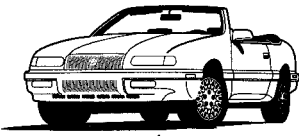


<p>2008 P2 Q6</p>	<p>Gordon buys an antique teapot for £95. He sells it on an Internet auction site for £133. Calculate his percentage profit.</p>		<p>3</p>								
<p><i>Ans</i> 40%</p>											
<p>2008 P1 Q2</p>	<p>In the “Fame Show”, the percentage of telephone votes cast for each act is shown below.</p> <table border="0" data-bbox="325 831 692 981"> <tr> <td>Plastik Money</td> <td>23%</td> </tr> <tr> <td>Brian Martins</td> <td>35%</td> </tr> <tr> <td>Starshine</td> <td>30%</td> </tr> <tr> <td>Carrie Gordon</td> <td>12%</td> </tr> </table> <p>Altogether 15 000 000 votes were cast. How many votes did Starshine receive?</p>	Plastik Money	23%	Brian Martins	35%	Starshine	30%	Carrie Gordon	12%		<p>3</p>
Plastik Money	23%										
Brian Martins	35%										
Starshine	30%										
Carrie Gordon	12%										
<p><i>Ans</i> 4500000</p>											
<p>2007 P1 Q8</p>	<p>Pamela sees a bracelet costing £65 in a jeweller’s window. The jeweller offers Pamela a 5% discount. Pamela decides to buy the bracelet. How much does she pay?</p>		<p>3</p>								
<p><i>Ans</i> £61.75</p>											

2007 P2 Q8	<div data-bbox="454 159 1077 548" style="border: 1px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">Platinum Saver Account</h2> <p style="margin: 0;">6.3% interest per annum</p> </div> <p>Sally invests £4200 in the Platinum Saver Account which pays 6.3% interest per annum.</p> <p>How much simple interest will she receive after 10 months?</p>	3
Ans	£220.50	
2006 P2 Q12	<p>Gordon is insuring his car with Carins Insurance.</p> <p>The basic annual premium is £765.</p> <div data-bbox="986 913 1286 1048" style="text-align: center;">  </div> <p>As Gordon is a new customer his premium is calculated by taking $\frac{1}{5}$ off the basic annual premium.</p> <p>However, because he wants to pay in monthly instalments, Carins Insurance add an extra 8% to his premium.</p> <p>How much in total will Gordon pay per month?</p>	4
Ans	£55.08	
2005 P1 Q8	<p>John buys a football programme for £1.60 and sells it for £2.00.</p> <p>Calculate his percentage profit.</p>	3
Ans	25%	

Scott sees the following notice in the window of the Big Computer Shop.

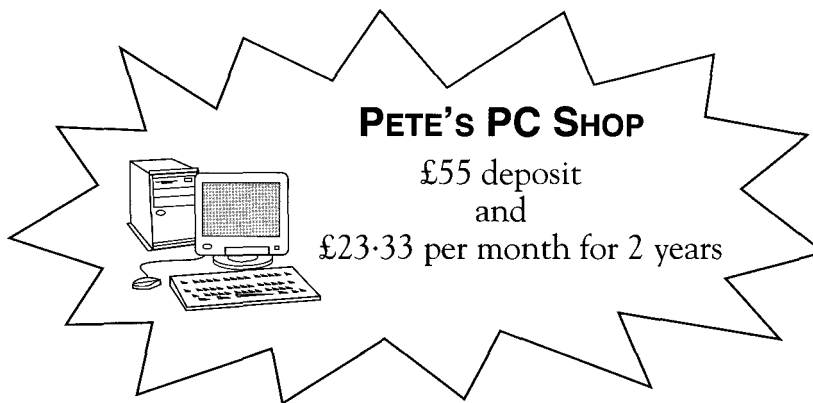
The Big Computer Shop

Massive Sale
 $33\frac{1}{3}\%$ discount
on all purchases

(a) A computer was £834.

How much would Scott pay for it in the sale?

The same computer can be bought in Pete's PC Shop on hire purchase.



(b) Which shop sells the computer cheaper?

Show your working.

2

3

2005 P2 Q3

Ans (a) £556 (b) The Big Computer shop is cheaper. £556 is less than £614.92

The diagram below shows Isla McGregor's electricity bill.

ScoPower Electricity			
Ms I McGregor 8 Birch Grove Pineford		Account No: 050621743X	
Statement Date: 20 April 2005	From: 21 Feb 2005	To: 18 Apr 2005	
Present reading	Previous reading	Details of charges	£
006890	006487	Box A <input type="text"/> units at 7.567p per unit	<input type="text"/>
			Standing Charge
		Sub Total	<input type="text"/>
		VAT @ 5%	<input type="text"/>
		Total Charge	<input type="text"/>

(a) Calculate the number of units used.

Write your answer in **Box A**.

(b) Complete the electricity bill by filling in the shaded boxes.

1

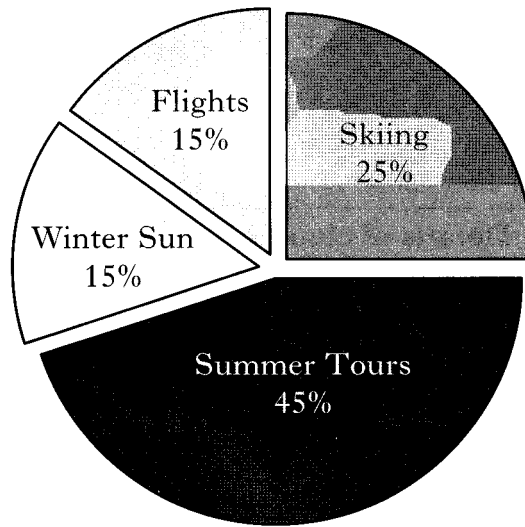
3

Ans (a) 403 (b) £41.70

2005 P2 Q7

eSunTours is a holiday company.

Last year's percentage income from Skiing, Summer Tours, Winter Sun and Flights is shown in the pie chart below.



The income from Winter Sun holidays was £750 000 last year.

What was eSunTours' total income?

3

2005 P2 Q8

Ans £5000000

Janice is planning to go on holiday to Florida.

She wants to book with FloridaSun Holidays and stay at the Parkway Hotel.

The table below shows the pricing information for the Parkway Hotel.

FloridaSun Holidays PARKWAY HOTEL		Prices are per person in £s	
No. of Nights	7	14	
May 17	445	725	
24	459	735	
31	465	749	
June 7	479	765	
14	499	779	
21	509	789	
28	519	799	
July 5	525	805	
12	535	825	
19	545	839	
26	609	855	
Aug 2	615	869	
9	625	895	
16	639	875	
23	539	845	
30	519	805	

(a) Janice wants to stay in the Parkway Hotel for 14 nights.

What will be the price if her holiday starts on 5th July?

1

(b) The Parkway Hotel charges an extra £4.95 per person per night for a single room.

How much extra will Janice pay for her 14 night holiday if she wants a single room?

1

(c) If Janice books today she will get a 20% discount on her **total cost**.

Find the discounted price of her 14 night holiday in a single room from 5th July.

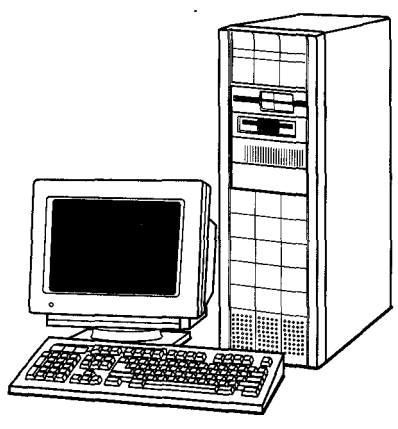
2

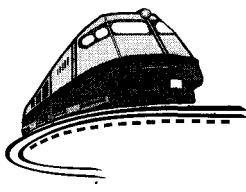

Ans

(a) £805 (b) £69.30 (c) £699.44

2004 P2 Q10c

2003 P1 Q6	<p>Four friends have dinner in a restaurant. A service charge of 15% is added to their bill. Their bill is shown below.</p> <div data-bbox="284 362 1257 860" style="border: 2px solid black; padding: 10px; text-align: center;"> <p>Armando's Pizza Restaurant</p> <table style="margin: auto;"> <tr> <td>4 medium Pizzas</td> <td style="text-align: right;">£ 28.00</td> </tr> <tr> <td>4 large Colas</td> <td style="text-align: right;">£ 5.00</td> </tr> <tr> <td></td> <td style="text-align: right; border-top: 1px solid black;">£ 33.00</td> </tr> <tr> <td>Total including 15% service charge</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">£ 38.95</td> </tr> </table> </div> <p>One of the friends thinks the service charge has been calculated wrongly. Is the service charge correct? Give a reason for your answer.</p>	4 medium Pizzas	£ 28.00	4 large Colas	£ 5.00		£ 33.00	Total including 15% service charge	£ 38.95		4
	4 medium Pizzas	£ 28.00									
4 large Colas	£ 5.00										
	£ 33.00										
Total including 15% service charge	£ 38.95										
Ans	No. Service charge should be £4.95 which is less than the £5.95 which has been added.										
2002 P1 Q4	<p>There are five million people in the United Kingdom aged 15–19. 30% of these five million people regularly watch cartoons. How many people is this?</p>		2								
	Ans	1500000									

2002 P2 Q2a	<p>Andrea sees this advertisement for a computer in CompCo.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="223 212 901 840" style="border: 2px solid black; padding: 10px; text-align: center;"> <p>CompCo SPECIAL OFFER £779 + VAT (17.5%)</p> <p>OUR PROMISE If you find the same computer at a cheaper price within 1 month, we will refund double the difference.</p> </div> <div data-bbox="909 324 1308 750">  </div> </div> <p>(a) Andrea buys the computer from CompCo. VAT is 17.5%. What is the total cost of the computer? Round your answer to the nearest penny.</p> <p>(b) One week later, Andrea sees the same computer in a different shop at £900 including VAT. She remembers the promise in the CompCo advertisement and returns to the shop to claim a refund. How much money should be refunded to her?</p>	3	2
	Ans	(a) £915.33 (b) £30.66	
2002 P2 Q5	<p>A sum of £1640 is invested in a bank. The rate of interest is 4.5% per annum. Calculate the simple interest gained in 9 months.</p>	3	
	Ans	£55.35	
2002 P2 Q11	<p>The Davidson family is planning to buy a new kitchen using hire purchase. The cash price of the kitchen is £6300. The hire purchase price is 22% more than the cash price. The hire purchase agreement requires a deposit, which is 15% of the cash price, followed by 60 equal instalments. Calculate the cost of each instalment.</p>		4
	Ans	£112.35	

2001 P1 Q2	<p>A student pays a train fare of £24.</p> <p>If this represents 60% of the full adult fare, what is the full adult fare?</p>	 <p>3</p>
Ans	£40	
2000 P2 Q1	<p>The Computer Store buys this computer for £250 and sells it to make a profit of 40%.</p> <p></p> <p>(a) What is the selling price of this computer?</p> <p>(b) The Computer Store adds 20% to the selling price when a customer buys the computer on hire purchase.</p> <p>Hire purchase terms are a £30 deposit followed by 24 equal monthly payments.</p> <p>Calculate the customer's monthly payment.</p>	<p>2</p> <p>4</p>
Ans	(a) £350 (b) £16.25	