1)

The value of a car depreciates by 35% each year.

At the end of 2007 the value of the car was £5460

Work out the value of the car at the end of 2006

[2]

Q2.   The table shows the costs, per person, of a holiday at two different hotels.
It shows the cost for 5 nights and the cost for each extra night.
It also shows the discount for each child.

	Park Palace		Dubai Grand	
Date holiday starts	5 nights	extra night	5 nights	extra night
01 Jan – 31 Mar	£1169	£150	£849	£86
01 Apr – 09 Apr	£1229	£150	£1219	£95
10 Apr – 15 Jul	£810	£80	£853	£53
16 Jul – 20 Aug	£810	£80	£854	£53
21 Aug – 10 Dec	£810	£80	£869	£94
Discount for each child	$\frac{1}{5}$ off		15% off	

There are two adults and two children in the Smith family.
The family want a holiday for 7 nights, starting on 1st August.

One hotel will be cheaper for them than the other hotel.

Page 1

Work out the cost of the cheaper holiday.
You must show all your working.

[6]

3)   A shop sells freezers and cookers.

The ratio of the number of freezers sold to the number of cookers sold is 5 : 2.
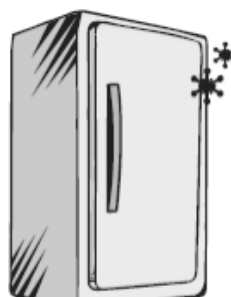The shop sells a total of 140 freezers and cookers in one week.

(a)   Work out the number of freezers and the number of cookers sold that week.

[2]

Jake buys this freezer in a sale.
The price of the freezer is reduced by
20%.

| Freezer |
| Original Price |
| £145 |

(b)   Work out how much Jake saves.

[2]

4)   Esther went to France.

She changed £300 into Euros (€).
The exchange rate was £1 = €1.25.

(a)   How many Euros did she get?
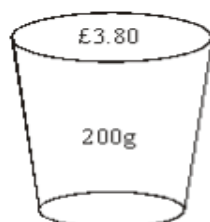
€ ....

(2)

Esther went shopping in France.
She bought:

2 necklaces for €2.60 **each**
1 hat for €6.40
1 bag for €9.80

The exchange rate was £1 = €1.25.

(b)   Work out her **total** bill in pounds (£).

2

7)

£3.80

200g

Large

£3.50

175g

Regular

A Large tub of popcorn costs £3.80 and holds 200g.
A Regular tub of popcorn costs £3.50 and holds 175g.

Which is the better value for money?

[2]

8) Kaysha has a part-time job.
ιe is paid £5.40 for each hour she works.
Last week Kaysha worked for 24 hours.

Work out Kaysha's total pay for last week.

[2]

9

Greg sells car insurance and home insurance.

The table shows the cost of these insurances.

Insurance	car insurance	home insurance
Cost	£200	£350

Each month Greg earns

£530 basic pay
5% of the cost of all the car insurance he sells
and 10% of the cost of all the home insurance he sells

In May Greg sold

6 car insurances
and 4 home insurances

Work out the total amount of money Greg earned in May.

[5]

10) A and B are two companies.

The table shows some information about the sales of each company and the number of workers for each company in 2004 and in 2014

	Company A		Company B	
	Sales (£ millions)	Number of workers	Sales (£ millions)	Number of workers
2004	320	2960	48	605
2014	388	3200	57	640

(a) Work out the percentage increase in sales from 2004 to 2014 for Company A.

.... %

(2)

(b) Which company had the most sales per worker in 2014, Company A or Company B?
You must show how you get your answer.

(3)

(Total for question = 5 marks)

Total ..../30