

Roberto is going to go on holiday.

He has two coupons that will save him money on his holiday.

**Coupon A**

18% off the cost of the  
accommodation

**Coupon B**

12.5% off the total cost of the  
accommodation **and** the flights

For Roberto's holiday

the cost of the accommodation is \$1600

the cost of the flights is \$800

Roberto can only use one of the coupons.

He wants to save as much money as he can.

- (b) Which of the two coupons, **A** or **B**, should he use?  
Show your working clearly.

(3)

(Total for Question 2 is 7 marks)



P 6 8 7 2 9 A 0 5 3 2

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3 Gladys has a sale in her shop.

She decreases all the normal prices by 12%  
The normal price of an armchair was \$550

(b) Work out the sale price of the armchair.

\$.....

(3)

(Total for Question 3 is 6 marks)



P 6 6 3 0 1 A 0 5 2 8

- 4 Divya and Yuan each pay for a holiday at a special offer price.

**Divya's holiday**

Normal price: \$1600

Special offer:  
16% off the normal price**Yuan's holiday**

Normal price: \$1400

Special offer:  
 $k\%$  off the normal price

The amount that Divya pays is the same as the amount that Yuan pays.

Work out the value of  $k$

 $k = \dots\dots\dots$ 

(Total for Question 4 is 4 marks)

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- 4 On Saturday, Jacob walked 10 800 steps.  
On Sunday, he walked 7% more steps than on Saturday.

Work out how many steps Jacob walked on Sunday.

(Total for Question 4 is 3 marks)



P 5 9 0 2 4 A 0 5 2 4

4

The price of one ounce of gold on 1st February 2016 was 1126.50 dollars.  
The price of gold increased by 19% from 1st February 2016 to 1st July 2016

- (b) Work out the price of one ounce of gold on 1st July 2016  
Give your answer correct to the nearest dollar.

.....dollars

(3)

(Total for Question 4 is 6 marks)



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- 5 Himari's annual salary is 3 130 000 Japanese Yen (JPY).  
She gets a salary increase of 4%
- (a) Work out Himari's salary after this increase.

.....JPY  
(3)



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- 6 Lorenzo increases all the prices on his restaurant menu by 8%

**Before** the increase, the price of a dessert was \$4.25

- (a) Work out the price of the dessert after the increase.

\$ .....  
(3)



- 7 Shop A and Shop B have offers for buying the same type of laptop.

The normal price of the laptop in Shop A is different to the normal price of the laptop in Shop B

**Shop A**

Our normal price  
£475

Get 16% off our  
normal price

**Shop B**

Get 15% off our  
normal price

Only pay £408

Which shop gives more money off their normal price?  
Show your working clearly.

(Total for Question 7 is 4 marks)

