

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

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

$$k = \dots$$

(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)

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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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P 6 2 6 5 7 A 0 7 2 4

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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)



P 7 5 9 3 4 A 0 9 2 8