## Multi Mark 8

Karen has the following information for the last financial year.

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Taxable income = Total income received – Personal allowanceTax rates:20\% of taxable income up to £3500040\% of taxable income over £35000
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- Her total income for the year was: £24000 from a pension scheme and £20600 from other work.
- Her personal allowance for the year was £7475.

Karen suspects that she has paid too much income tax for the last financial year.

The amount of tax Karen actually paid was 20% of her total income.

Check whether or not Karen's suspicion is correct.

2.

Mr Smith needs to buy boxes for necklaces that he makes. There are two possible suppliers he can use, Boxes Galore or Box Clever.



## BOXES GALORE

Order 1 to 100 boxes pay 40p for each box

Need more than 100 boxes? ...... Special Offer:

MORE than 100 boxes get **all boxes for just** 15p each!

PLUS standard delivery charge of £3 per order.



## **BOX CLEVER**

First 1 to 50 boxes Every extra box then just

30p each 25p each

PLUS standard delivery charge of £2 per order

(a) Mr Smith placed orders for boxes in June, July and August with Boxes Galore. Complete the chart below.

Month	June	July	August	
Number of boxes bought	8	95 105		
Company used	Boxes Galore	Boxes Galore	Boxes Galore	
Total cost (including the delivery charge)	£	£	£	



(b) You will be assessed on the quality of your written communication in this part of the question.

Mr Smith notices that he has not been wise with his order from Boxes Galore. In September he intends to buy 96 boxes from Boxes Galore. What advice would you give Mr Smith? You must give a reason for your answer.

[4]

	Buying from	Box Clever	

(c) Use the graph paper below to show the costs for ordering up to 130 boxes from **Box** Clever.

Number of boxes

(d) Complete the chart below to give recommendations for Mr Smith.

Number of boxes	Better company to buy from
Fewer than 8	
Between 50 and 54	
More than 110	

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[1]