	Write your name here		
Surname	Othe	er names	
Edexcel GCSE	Centre Number	Candidate Number	
Mathematics B Unit 2: Number, Algebra, Geometry 1 (Non-Calculator)			
	-	Foundation Tier	
Friday 12 November 2010) – Morning	Paper Reference	
Time: 1 hour 15 minutes	5	5MB2F/01	

Instructions

- Use **black** ink or ball-point pen.
- Fill in the boxes at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided - there may be more space than you need.
- Calculators must not be used.

Information

- The total mark for this paper is 60.
- The marks for **each** question are shown in brackets - use this as a guide as to how much time to spend on each question.
- Questions labelled with an **asterisk** (*) are ones where the quality of your written communication will be assessed
 - you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.







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Formulae: Foundation Tier

You must not write on this formulae page. Anything you write on this formulae page will gain NO credit.

Area of trapezium = $\frac{1}{2}(a+b)h$





Volume of prism = area of cross section × length



Write your answers in the spaces provided. You must write down all stages in your working. (a) Write the number three thousand one hundred and nine in figures. (1) (b) Write down the value of the 6 in the number 23.469 (1) (c) Write the number 4261 correct to the nearest hundred. (1) (c) Write the number 4261 correct to the nearest hundred. (1) (c) Write the number 4261 correct to the nearest hundred. (1) (c) Write the number 4261 correct to the nearest hundred. (1) (c) Write the number 4261 correct to the nearest hundred. (1) (c) Write the number 4261 correct to the nearest hundred. (1) (c) Write the number 4261 correct to the nearest hundred. (1) (a) Howris is going to take his family to the zoo. Mr Morris wants to buy tickets for two adults and two children aged 2 and 4 (a) How much in total will the tickets cost? Mr Morris pays with three £20 notes. (b) How much change should he get?	You must write down all stages in your working. te the number three thousand one hundred and nine in figures. (1)
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	£(2)



















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(Total for Question 8 is 5 marks)			(2)	
		(Total for Question 8 is	5 marks)	



***9** Jerry is making some shelves.

He needs

5 pieces of wood of length 65 cm

2 pieces of wood of length 110 cm.

The wood is sold in three different lengths. Information about these lengths is shown in the table.

Length	Cost
100 cm	£21
150 cm	£25
180 cm	£28

Jerry wants to pay as little money as possible. How much will Jerry have to pay?

You must show your working.

(Total for Question 9 is 4 marks)











12 Sarah goes to the gym on her way to work. The table shows what she wants to do befor . .

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The table shows	what she	wants to do	before arrivi	ng at work.

Activity	Time (mins)	
Drive from home to gym	10	
Exercise at gym	45	
Shower and change	20	
Drive from gym to work	25	

She has to arrive at work at 08 50

(a) What is the latest time she can leave home?

(3)











15 Last year, Jora spent

30% of his salary on rent

 $\frac{2}{5}$ of his salary on entertainment

 $\frac{1}{4}$ of his salary on living expenses.

He saved the rest of his salary.

Jora spent £3600 on living expenses.

Work out how much money he saved.



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