MME

GCSE MATHEMATICS AQA | Edexcel | OCR | WJEC

Trigonometry – Common Values

Please write clearly in block capitals

Forename:

Surname:

Materials

For this paper you must have:

mathematical instruments

You must not use a calculator.



Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- · The marks for questions are shown in brackets.
- You may ask for graph paper, tracing paper and more answer paper. These must be tagged securely to this answer book.

Advice

· In all calculations, show clearly how you work out your answer.



2	Calculate the following	
- 2(a)	$\tan(30^\circ) + \sin(30^\circ)$	
_(~)		[2 marks]
		[]
	Answer	
2(b)	$tan(45^\circ) \perp sin(30^\circ)$	
2(5)	$\frac{\tan(10^\circ) + \sin(00^\circ)}{\tan(60^\circ)} \times \cos(45^\circ)$	
		[3 marks]
	Answer	

Turn over ►







Turn over ►

	Below is a parallelogram	
	AC = x	
	AB = x + 3	
	C Not drawn D accurately	
	<i>x</i> cm	
	$A \longrightarrow B B$	
	The area of the parallelogram is $20\sqrt{3}$	
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		L4 mai
	Answer	
	End of Questions	