Centre Number			Candidate Number		
Surname					
Other Names					
Candidate Signature					

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GCSE Mathematics (Non-calculator Paper)

Practice Paper Style Questions Topic: Transformations (Foundation Tier)

For this paper you must have:

- black pen
- HB pencil
- ruler (with cm & mm)
- rubber
- protractor
- compass
- pencil sharpener

Time allowed

1 hour

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 space 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 that you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 52.
 The quality of your written communication is specifically assessed in questions indicated with an asterisk (*)
- You may ask for more answer paper and graph paper. These must be tagged securely to this answer booklet.
- A calculator must NOT be used.

Advice

- Read each question carefully before you answer it.
- In all calculations, show clearly how you work out your answer.
- Check your answers if you have time at the end.

For Examiner's Use									
Examiner's Initials									
Pages	Mark								
3									
4 – 5									
6 – 7									
8 – 9									
10 – 11									
12 – 13									
14 – 15									
TOTAL									









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						Ansv	wer			 	. (1 mark)	1(
	Write down the	e order of	rotatio	nal s	ymme	etry.						
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(0)				u griu	•							
(c)	The number z	ero is drav	wn on t	a arid	.						(2 1118183)	
	On the grid dra	aw the ret	lection	of th	eiette	er e ir	n the	mirro	r line.		(2 mort/a)	
				6.0	mirro	or line						
(b)	The letter E is	shaded o	n this g	grid:		1						
						Answ	er			 	(3 marks)	
	Give your ans	wer in its	simple	st for	n.							
(a)	What fraction	of the grid	is sha	ided?								
			Î	ľ					1			













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(2 marks)









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