mathsgenie.co.uk Please do not wr		rite on this sheet		mathsgenie.co.uk		
1	Find $\sqrt{1.69}$	(Total for question 1 is 1 mark)	8	Use your calculator to work out $\frac{\sqrt{1}}{2}$	$\frac{2.36 - 5.12}{2.97^2}$	
2	Find 1.25 ²	(20002101400000112101110011)		(a) Write down all the figures on you	1 7	(2)
		(Total for question 2 is 1 mark)		(b) Write your answer to part (a) corre	Total for question 8 is 3 is	(1) marks)
3 4	Find $\sqrt{1.96 \times 2.25}$ Find $1.3^2 + 1.4^2$	(Total for question 3 is 1 mark)	9	Work out $\sqrt{\frac{25.1 - 3.87}{5.23 + 2.04}}$	our for question o is c	
	Work out $(3.15 - 0.28)^2$ -	(Total for question 4 is 1 mark)		Write down all the figures on your ca	our calculator display. (Total for question 9 is 2 marks)	
5	Write down all the figures of		10	(a) Find the value of $30.5^2 + 12.1^2$		(1)
		(Total for question 5 is 2 marks)		(b) Find the value of $\sqrt{5.13 + 10.28}$	$\overline{s} - 0.97$	(2)
6	Work out $\frac{3.15 + 2.8^2}{2.06}$		(Total for question 10 is 3 marks)			
	Write down all the figures of	on your calculator display.	11	Work out $\sqrt{12^2 + 15^2 - 54\cos(80)}$		
		(Total for question 6 is 2 marks)		Write down all the figures on your ca		
7	Work out $\frac{25.4 + 1.9^3}{6.5}$			(T	Sotal for question 11 is 2	marks)
Write down all the figures on your calculator display.						
		(Total for question 7 is 2 marks)				
	Grade 2 Using a C		Calc	ulator	Grade 2	2

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12	Use your calculator to work out	$\frac{\sin 25^{\circ} + \cos 40^{\circ}}{\cos 25^{\circ} - \sin 40^{\circ}}$	
	(a) Write down all the figures or	your calculator display.	(2)
	(b) Write your answer to part (a)	correct to 2 decimal places.	(1)
		(Total for question 12 is 3	marks)
13	Use your calculator to work out	$\sqrt{\frac{\tan 80^{\circ} + 1}{\tan 80^{\circ} - 1}}$	
	(a) Write down all the figures on	your calculator display.	(2)
	(b) Write your answer to part (a)	correct to 3 significant figure	es.
			(1)
		(Total for question 13 is 3	marks)
14	Use your calculator to work out	$\frac{12.74 + \sqrt{9.5}}{6.04 \times 4.1}$	
	(a) Write down all the figures on	your calculator display.	(2)
	(b) Write your answer to part (a)	correct to 2 significant figure	es.
			(1)
		marks)	

write on this sheet

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