Centre Number	Candidate Number	Candidate Name	
		SECONDARY CERTIFICATE	
	NAMIDIA SENIUR	SECONDART CERTIFICATE	<u>-</u>
MATHEMATIC		/EL	4324/1
PAPER 1 (Core)			1 hour 15 minutes
Marks 60			2019
Additional Material:	Geometrical instrument	-	
	Non-programmable cal Tracing paper (optional		

## **INSTRUCTIONS AND INFORMATION TO CANDIDATES**

- Candidates answer on the Question Paper in the spaces provided.
- · Write your Centre Number, Candidate Number and Name in the spaces at the top of this page.
- Write in dark blue or black pen.
- You may use a soft pencil for any diagrams or graphs.
- Do not use correction fluid.
- Do not write in the margin For Examiner's Use.
- Answer all questions.
- If working is needed for any question it must be shown below, or where working is indicated.
- The number of marks is given in brackets [ ] at the end of each question or part question.
- Non-programmable calculators may be used.
- If the degree of accuracy is not specified in the question, and if the answer is not exact, give the answer to **three** significant figures. Give answers for angle sizes to **one** decimal place.
- For  $\pi$ , either use your calculator value, or use 3.142.

For Examiner's Use		
Marker		
Checker		

This document consists of 12 printed pages.

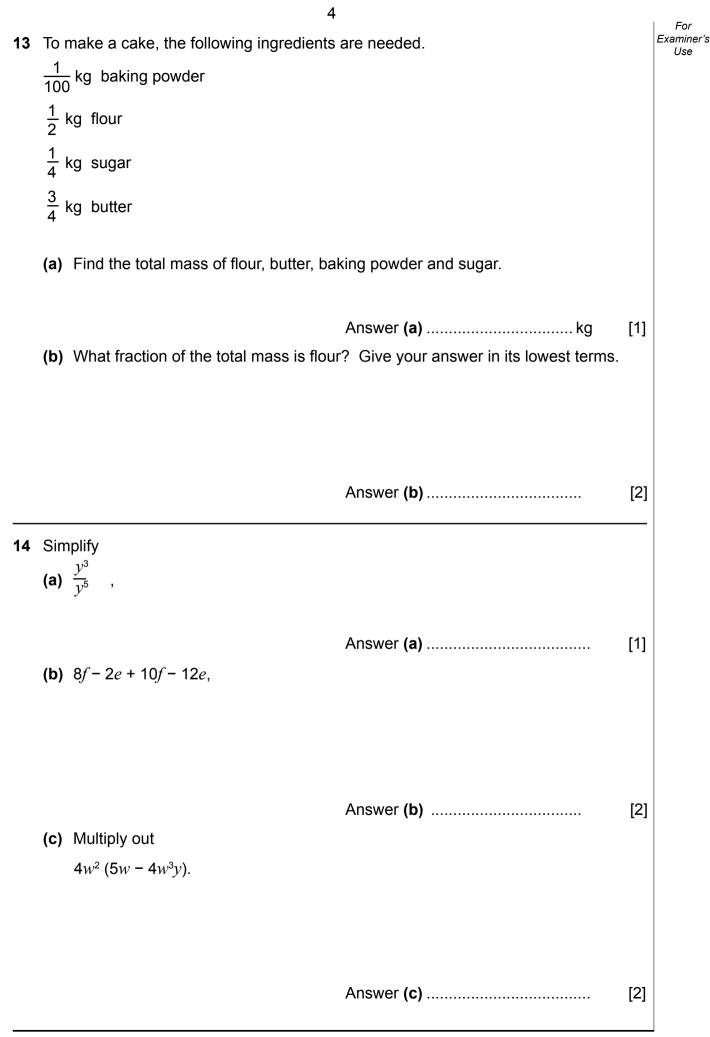


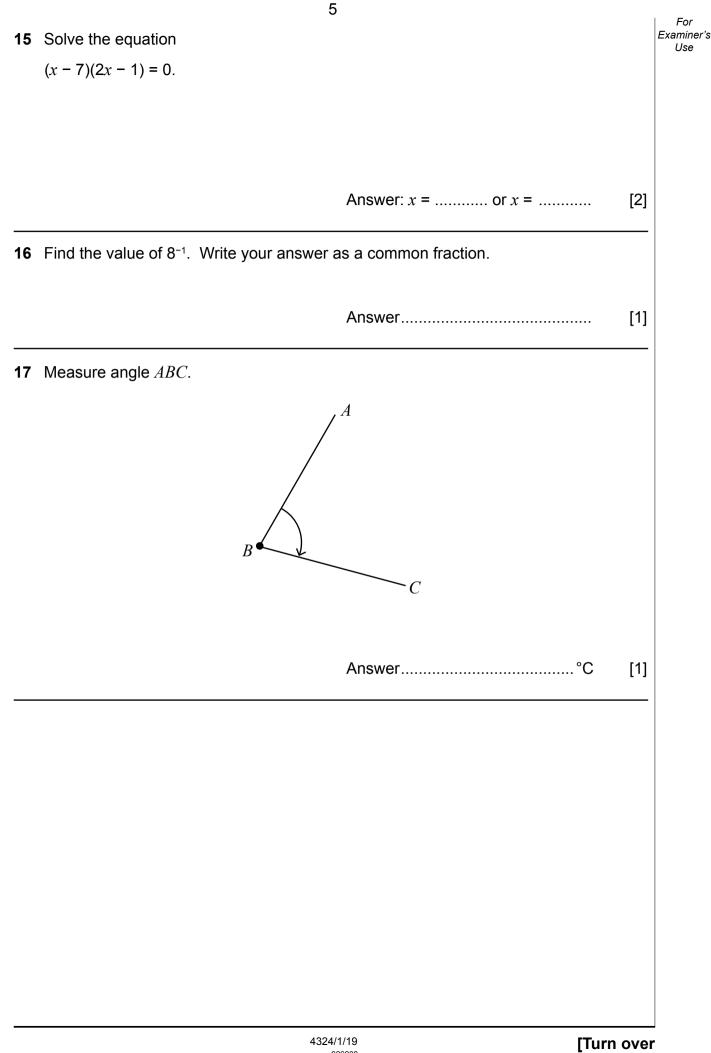
Republic of Namibia

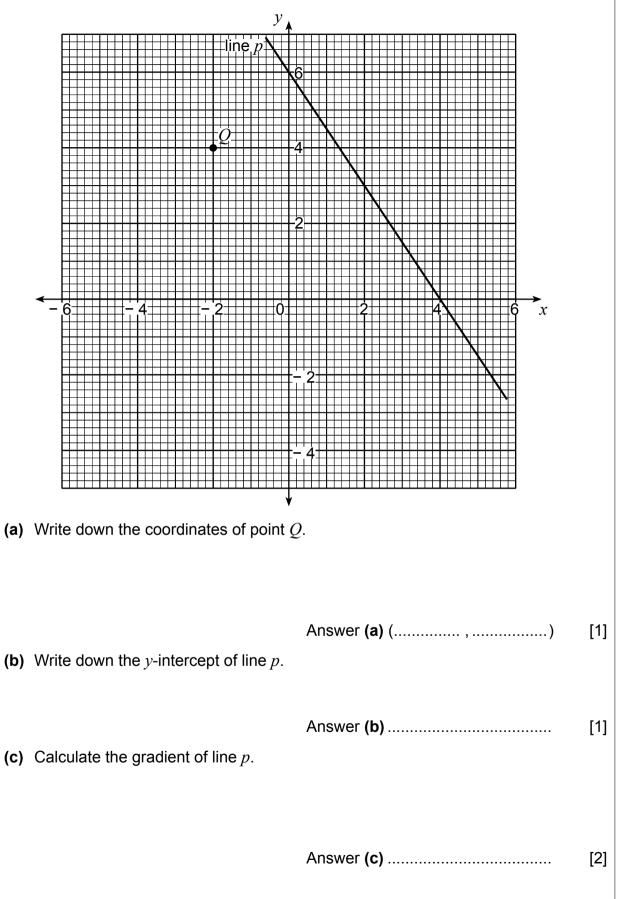
## MINISTRY OF EDUCATION, ARTS AND CULTURE

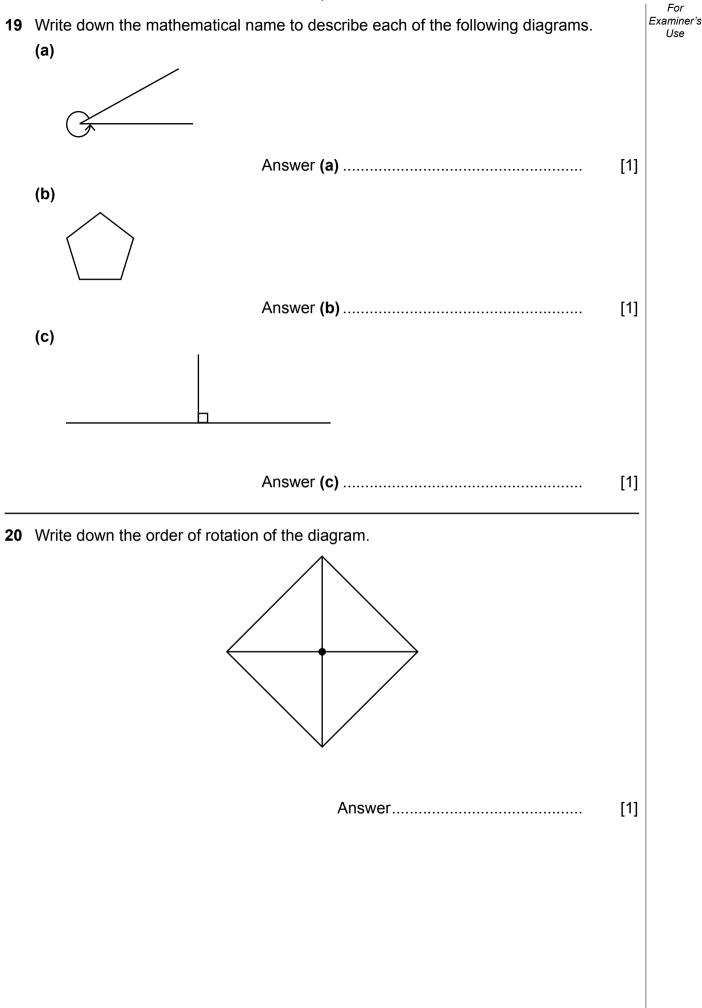
		2	1		
1	Calculate $(\sqrt{5} + \sqrt{47})^2$ .		,		
		Answer	[1]		
2	Write 48.9855 correct to two decimal places.				
		Answer	[1]		
3	120, 121, 123, 124, 125 From the list of numbers, write down a (a) square number,				
	(b) common factor of 375 and 500,	Answer <b>(a)</b>	[1]		
	(c) a multiple of 41.	Answer <b>(b)</b>	[1]		
		Answer <b>(c)</b>	[1]		
	Write 0.6 km in metres.				
		Answer m	[1]		
5	Write down the missing number in the following sequences.				
	(a) 48.2; 45.5; 42.8; 40.1;; 3	4.7	[1]		
	(b) 1; 9; 25; 49;; 121		[1]		
6	Robbie bought a pack of tea bags costin cooking oil costing N\$ 18.50. He paid w Calculate his change.	-			
		Answer N\$	[1]		

7	3	<i>F</i>
I	Elizabeth ran a race in 15.8 seconds, correct to one decimal place. Write down the lower bound of the time ( $t$ ) in seconds, that Elizabeth took to run the race.	Exan U
	Answerseconds	[1]
	Use >, < or = to make the statement true.	
	(a) 3.12 3.1222,	
	<b>(b)</b> −4.5 −5.4,	
	(c) $1\frac{1}{3}$ $\frac{4}{3}$ .	[3]
	A family arrives home at 17:20 after a journey that took 7 hours 45 minutes. At what time did their journey start?	
	Answer	[2]
0	Mrs Kazonga invested N\$ 4 200 at a rate of 5% per year compound interest.	
	Calculate the total amount Mrs Kazonga has after 2 years.	
	Answer N\$	[2]
1	On a winter day in city B, the temperature at noon was 5°C. At midnight the temperature was $-4$ °C. Find the difference between these two temperatures.	
1	temperature was -4 °C.	[1]
	temperature was -4 °C. Find the difference between these two temperatures. Answer°C	
	temperature was -4 °C. Find the difference between these two temperatures. Answer	
2	temperature was -4 °C. Find the difference between these two temperatures. Answer	

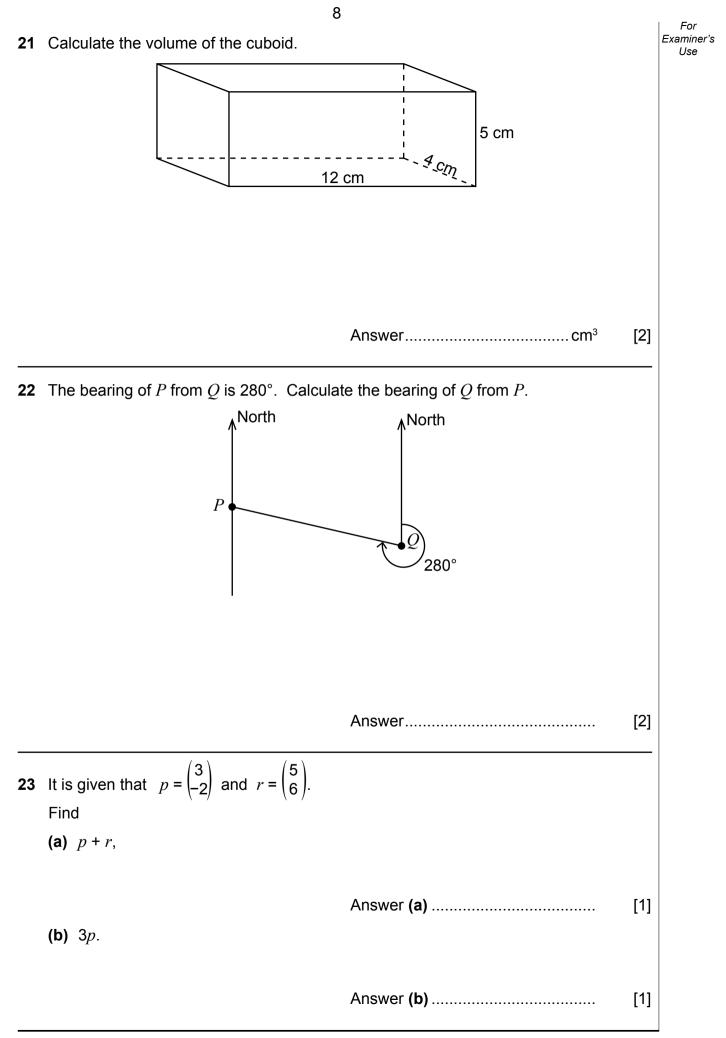




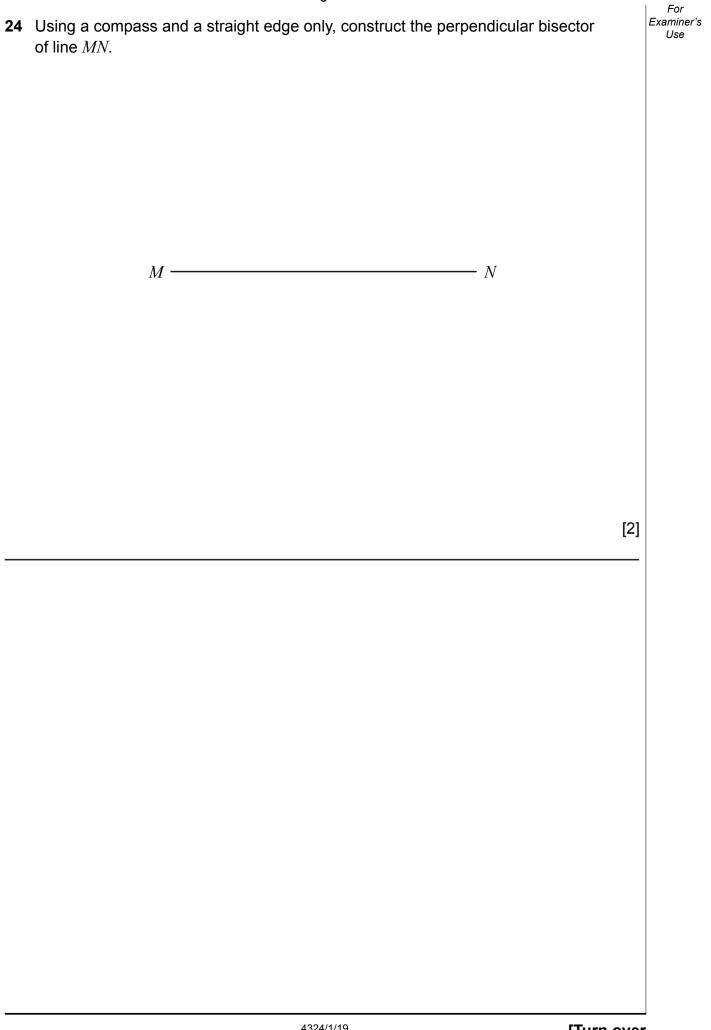




4324/1/19



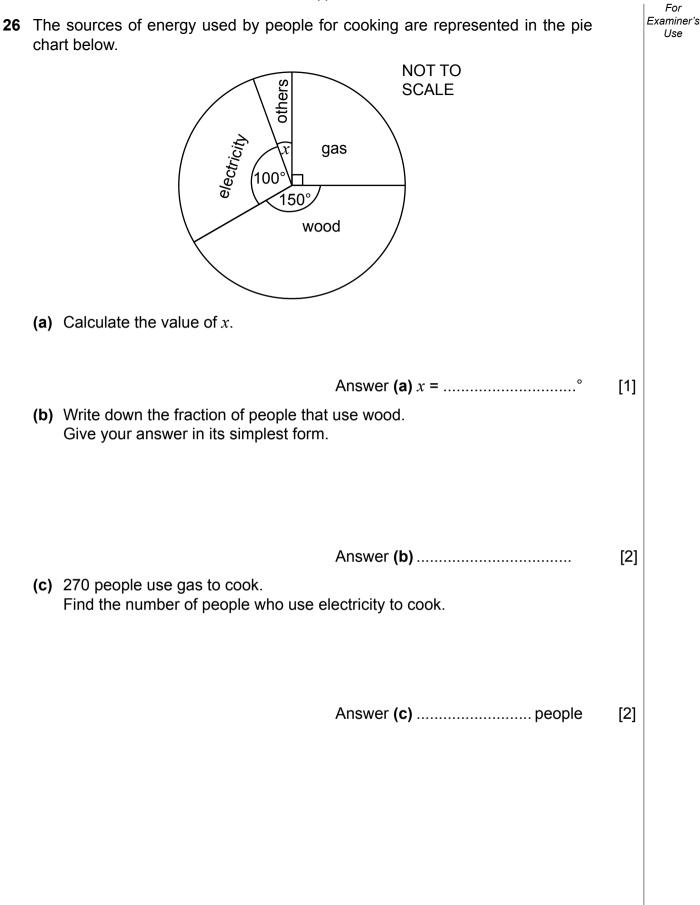
4324/1/19 926208



	166	170	168	166	170	170
(a)	Use this list to co	complete the frequency table below.				
		Heig	ght in cm	Free	quency	]
			165			
			166		4	
			167			
			168			
			169		2	
			170			
			171		1	
(b)	A player is chose height of (i) exactly 166		andom. F	ind the	probabilit	[2] ty that the player has a
	(ii) at least 165	cm.		Δ	nswer (b)	( <b>i)</b> [1]
				Δ	nswer (b)	(ii)[1]

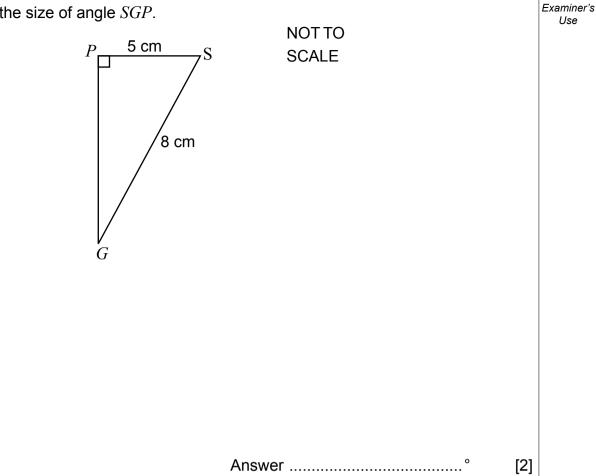
For Examiner's Use

4324/1/19 



4324/1/19

## **27** Calculate the size of angle *SGP*.



For

Use