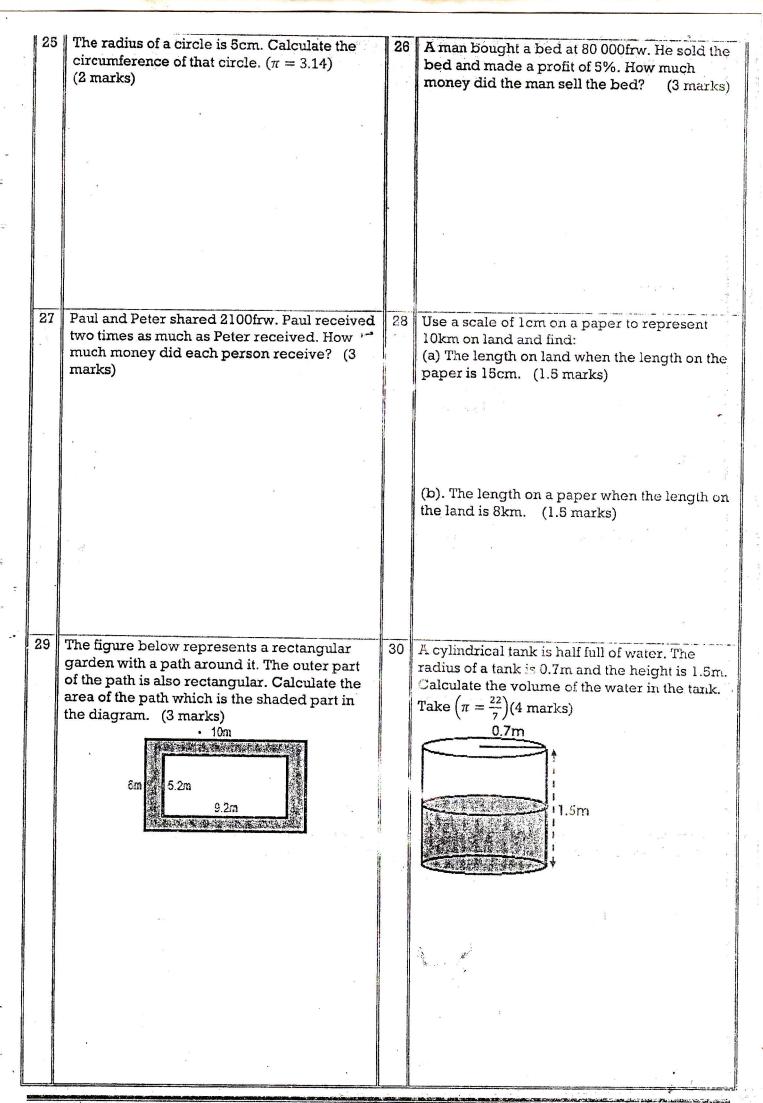


	T	Write in a short form: (2 marks)	8	In the diagram below, all the lines are straight.
		3y + 5x - 2y + x		Find the size of angle x (2 marks)
i			-	
1				\ x /
				70° × 40°
			1	
				, i
			1	
-		,		
-				
	9	Write the next two numbers in the following	10	A boy got 201 out of 300 marks in an
		sequence: (2 marks)		examination. Calculate the percentage marks
				the boy scored. (2 marks)
		1 0 0 7 0		,
		1, 2, 3, 5, 8,,		
		e ³⁰ .		* · · · · · · · · · · · · · · · · · · ·
				,
1				
				•
1	1	Express 20 in terms of it's prime factors.	12	The weight of a limital agen
		(2 marks)	1.2	The weight of a liquid is 1360g and it's volume
	1			is 100cm ³ . Find the density of the liquid. (2 marks)
l				
	-			· ·
13	7	Evorogo O O o o o familia i i i i		
1		Express 0.04 as a fraction in it's simplest form (2 marks)	14	Write the following words in numerals:
	1	(I marks)		Fifteen thousand and one. (2 marks)
	i			9
		•		
	ı			
			ĺ	
		,		
	_		i.	
15	S	Simplify: $\frac{1}{8}$ x 88 x $\frac{1}{11}$ (2 marks)	16	Calculate and simplify the following:
		8 11 '		$\begin{pmatrix} 2 & 1 \end{pmatrix} 1$
				$\left(\frac{2}{15} \div \frac{1}{3}\right) \times \frac{1}{2} (2 \text{ marks})$
		•		
				* 4
7.		*	.	

- 11				,	
	17	Express 20cm as a fraction of 2m and simplify	18	Simplify: $5^2 + \sqrt{64}$ (2 marks)	-
		your answer. (2 marks)			
Ì			ı		
		8			. j
,		*			
		*			
		-			
	9	Add 1hr and 40mins and write your answer in		T	
-		seconds. (2 marks)	20	Find the sum of the HCF and LCM of 8 and 6. (2 marks)	
				(2 marks)	
		post.			
		*			
		·			
	I				
				4 4 4	
2]	-				
2		Subtract and simplify your answer: $1\frac{1}{3} - \frac{5}{6}$	22	The width of a rectangle is 20cm and it's	1
1		(2 marks)		length is 30cm. Calculate the perimeter of the rectangle.(2 marks)	
	I			200taligie.(2 marks)	
	11	1	Ħ		11
1 1				* * /	
				· · · · · · · · · · · · · · · · · · ·	
23			04		
23		Complete the following:	24	Arrange the following in ascending order:	
23			24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
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23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	
23		Complete the following:	24	Arrange the following in ascending order: $\frac{1}{5}$, $\frac{11}{45}$, $\frac{21}{90}$ (2 marks)	



31 A sum of 60 000frw is banked at a compound interest rate of 6% per year. Calculate (a). The total interest after 3 years (5 marks)

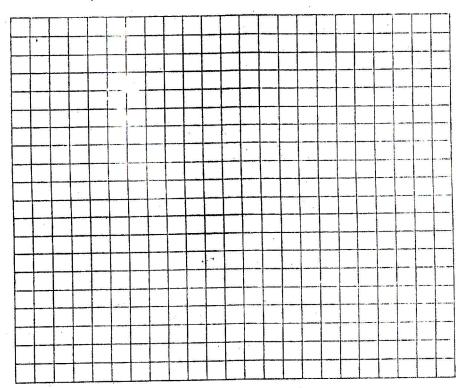
- (b). The total amount of money in the bank for the 3 years if no money was withdrawn. (2 marks)
- Simplify completely the following algebraic expression: (a). 4(m-n+5) - 3(m-2n+2) (3 marks)
 - (b). Solve the equation: $\frac{x}{5} \frac{1}{2} = \frac{3}{10}$ (2 marks)

(c). Find the value of 3ab - bc + 6a, if a=2, b=3 and c=0 (2 marks)

John is 25 years younger than his father. After 5 years, John's father will be 2 times as old as his son will be. Calculate the ages of the father and the son now. (7 marks)

34 | In the figure below, triangle ABC is an isosceles triangle and line AB is parallel to line CD. Angle BAC=50° and angle BDC=30°. Calculate the sizes of angles a, b, c, d, e, f and g (7 marks) 30° 40 children use 24kg of sugar in 30 days. All children use equal quantities of sugar each day. 35 (a). If there are 50 children, in how many days would they use 24kg of sugar? (3.5 marks) (b). How many children would use 14kg of sugar in 35 days? (3.5 marks)

The distance from town A to town b is 200km. A car leaves town A at 7:00am and travels at an average speed of 60km/hr. On the same day a bus leaves town A at 8:00am and travels at an average speed of 90km/hr. If both vehicles don't stop on the way, at what distance from town A 37 You are given the following points and their coordinates: O(0, 0), A(1, 1), B(2, 2), C(3, 3), D(4, 4) and E(5, 5). (7 marks)



- (a). Plot the coordinates of these points on the squared paper above and write the letters which correspond to the points.
- (b). Join the points with a line
- (c). From the graph, complete the co ordinates of: $F(0, 5, ___)$, $G(__, 2, 5)$.