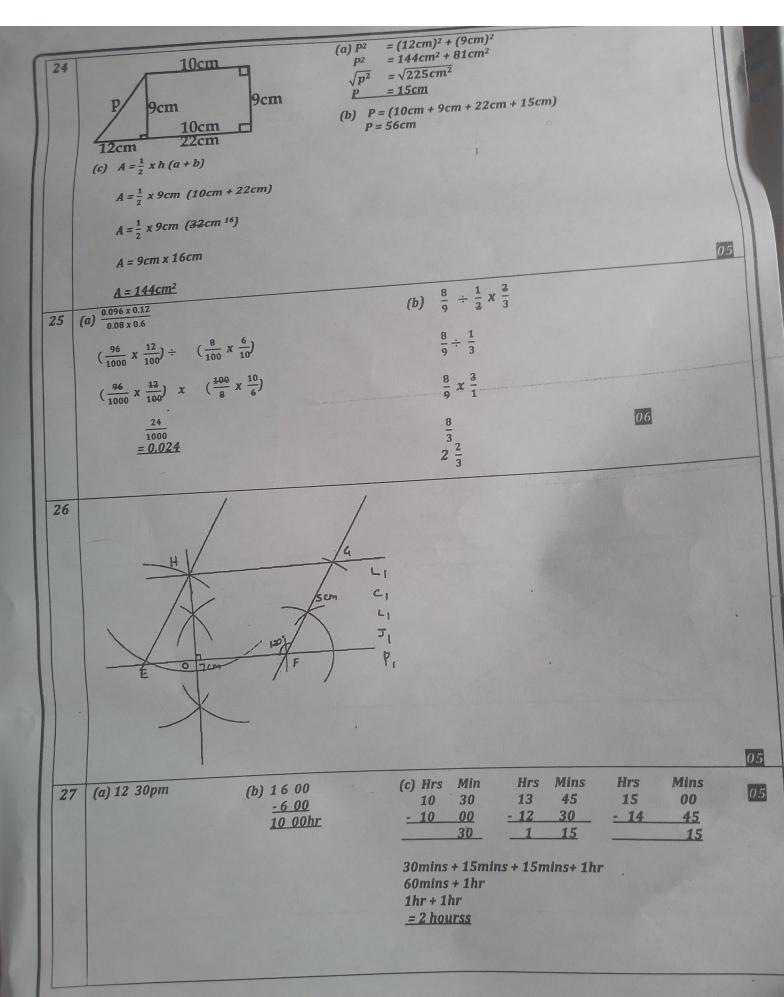
THE PRIME MAGIC SET IV EXAMINATIONS 2024

(3) (2) 8,9,10,113, 2, 3, 4, 5, 6, 6) (7) (8) = {1, 2, 3, 4, 5, 6, 10, 11} (9) (+5x) (-7y) (x - 4y - 7y) (y)	MA RKS M1 A1 M2	COMMEN T Follow through Follow through Follow through	NO 2 2 4 8	MARKING GUIDE O MARKS) SOLUTION 110372: One hundred ten thousand three hundred seventy two $1\frac{2}{7} \times \frac{4}{5}$ $\frac{9}{7} \times \frac{4}{5}$ $\frac{36}{35}$ $1\frac{1}{35}$ $576 36 4 1$ $\div 36 \div 9 \div 4 \div 1$ $\frac{sh 7500}{3} \times 7$ Sh 2500 × 7	MAR KS B2 M1 A1 M1 A1	COMMEN T Follow through Follow through Follow through
v) = {1, 2, 3, 4, 5, 6, 10, 11} N) = 11 y) (+ 5x) (-7y) x - 4y - 7y	M ₁ A ₁ A ₁ A ₁ A ₁ A ₁	Follow through Follow through	4	110372: One hundred ten thousand three hundred seventy two $1\frac{2}{7} \times \frac{4}{5}$ $\frac{9}{7} \times \frac{4}{5}$ $\frac{36}{35}$ $1\frac{1}{35}$ $576, 36, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,$	M ₁ A ₁ M ₁ M ₁ M ₁	Follow through Follow through
v) = {1, 2, 3, 4, 5, 6, 10, 11} N) = 11 y) (+ 5x) (-7y) x - 4y - 7y	M ₁ A ₁ M ₁	Follow through	6	thousand three hundred seventy $1\frac{2}{7} \times \frac{4}{5}$ $\frac{9}{7} \times \frac{4}{5}$ $\frac{36}{35}$ $1\frac{1}{35}$ $576, 36, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,$	M ₁ A ₁ M ₁ A ₁ M ₁	Follow through Follow through
v) = {1, 2, 3, 4, 5, 6, 10, 11} N) = 11 y) (+ 5x) (-7y) x - 4y - 7y	M ₁	through Follow	6	$ \frac{9}{7} \times \frac{4}{5} $ $ \frac{36}{35} $ $ 1 \frac{1}{35} $ $ 576, 36, 4 $ $ \div 36 \div 9 \div 4 \div 1 $ $ \frac{sh 7500}{3} \times 7 $ $ Sh 2500 \times 7 $	M ₁ A ₁ M ₁ M ₁	Follow through Follow through
y) (+ 5x) (-7y) x - 4y - 7y				$ \begin{array}{c} 35 \\ 1 \frac{1}{35} \\ 576, 36, 4 \\ \div 36 \div 9 \div 4 \div 1 \end{array} $ $ \begin{array}{c} sh7500 \\ \hline 2 \\ Sh 2500 \times 7 \end{array} $	A ₁	through
x - 4y - 7y				sh 7500 3 x 7 Sh 2500 x 7	A ₁	through
To X			8	Sh 2500 x 7		Follow
105°	R	Q		<u>Sh 17500</u>	A	through
$000gm = \frac{907}{1000} \times 1000$	M ₁	Follow through	10	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	M ₁	Follow through
<u>= 907gm</u> - 2	M ₁	Follow through	12	Days - Days = finite 7 1 - 35 = finite 7 35 ÷ 7 = 5 rem 0 1 - 0 = 1 finite 7 It was Monday.	B ₁	Follow through
10 ²	B ₂	Follow through	14	$(4-2\frac{1}{2})hr$ $1\frac{1}{2}hr$	M ₁	Follow through
			16	$D = S \times T$ $D = (84 \times \frac{7}{2})km$ $D = (42 \times 7)km$ $D = 294km$	M ₁	Follow through
1	102		Abassah	through	B2 Follow through 14 $(4-2\frac{1}{2})hr$ $1\frac{1}{2}hr$ 16 $D = S \times T$ $D = (84 \times \frac{7}{2})km$ $D = (42 \times 7)km$	B2 Follow through 14 $(4-2\frac{1}{2})hr$ A_1 16 $D = S \times T$ $D = (84 \times \frac{7}{2})km$ A_1 D = $(42 \times 7)km$

	360° - 30° 330°			14 30hr 14 30	
1	7 360°-(30°+80°+50°+ 90°) 360°-250° = 110°	M ₁ Follow through	18	14 30hr 14 30 -12 00 2 3 0pm	M ₁ Follow through
1		M1 Follow through	20	$2^{2} \times 2^{8x} = 2^{-3}$ $2^{2} + 8x = 2^{-3}$ $2 + 8x = -3$ $8x = -3 - 2$ $\frac{8x}{8} = \frac{-5}{8}$ $x = \frac{-5}{8}$	M1 Follow through
		SECT	ION B (60) Marks)	
2:	(a) 4 0 7 2 5 —Thousands = 0 = 0 (b) 4 0 7 2 5 —(7 x 100) = 700 4 x 10000 = 40000 40000 - 700 39300)	22	(a) $n(\varepsilon) = 28$ $n(F) = 16 n(M) = 15$ $16 \cdot 5 5$ $15 \cdot 5$ $16 \cdot 9 \cdot p = 28$ $25 \cdot p = 28$ $P = 28 - 25$ $P = 3$ $P = 3 - 1$ $P = 2$	B ₁ B ₁ B ₁ A ₁ B ₁
23	(a) Meat Sh 12000 x 3 Sh 36000 Sh 10	40002000	Beans 500 1000 xh 15	Cooking s sh 3000 sh 14000	
	sh 36000 sh 14000 sh 10000 + sh 1500 Sh 61500	(b) sh 20000 x 4 Sh 80000 sh 80000 - sh 61500 Sh 18500	•		<u>s</u>



-									
28 (a) <u>sh 1440000</u> 3200				(b) <u>2800 x 3600</u> 3200					
	sh <u>144000</u>	Q		<u>10080000</u> 3200					
	3200 Ksh 450								
	RSN TSU	Service of the	<i>≡ Ksh 3150</i>						
29	THE RESIDENCE OF THE PARTY AND ADDRESS OF THE	208 560	(b) <u>560</u>						
		104 280 52 140		4 = 140 pieces					
	27 5	2 140		<u>reces</u>					
	2 x 2								
	= 4						04		
30	(a) $y+7+y+9+17+19+25-y+11+y=16$			(b)) y + 7 y + 9 17 19 25 - y	11+y			
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$					25-4	11+4		
	6				11 13 21	15			
	88 + 2y		= 16	= 16		11, 13, 15, 17, 19, 21			
	6 88+	2v	= (16	x 6)					
	88+		= 96			15 + 17 2			
	2)		= 96 -	- 88		3 <u>2</u> 2			
	2		= <u>8</u> ⁴ 2						
	V		2			=16	0.5		
31	Matope	Nkaissery	Total	Sen	Total		Miles		
	r	r+20	2r + 20	2r + 20 - 15	85				
				2r+5					
	(b) $r + r + 20 + 2$ 4r + 25 4r $\frac{4r}{4}$	$= 85$ $= 85 - 25$ $= \frac{60}{4}$	Sen 2r + 5 (2 x 1 35 co	5) +5					
32	r	= 15	/	V			05		
	530		410	X		30 + 410			
		X			=	940			
		940							
	1	P							
	1	#							
	1/								
530									
	Z			4					
	(a) $P = 180^{\circ} - 94^{\circ}$	0							
	$P = 86^{\circ}$								
	a > =====								
	(b) ZWX								
	180° - 86° 2								
	940								
	21								
	470								
	$ZWX = 47^{\circ} + 53^{\circ}$						page		
	= 1000						05		