NO	LEVEL	SOLUTION	THE PROPERTY OF	KMAIH	EMATICS MAR	Κij
1	P.3	1 2 4		11111	EMATICS MAR	CO
		x 2		Ba	For the product	Re
		2 4 8			7.99	un
2.	P.5	4k-m+5k+3		M.	Por collecting like	34
		4k + 5k + 3m -	m	10000	(critical profits)	100
		9k + 2m		Ai	an (War only.	10
1				-	100	0
3.	P.4	4000		В2	For the correct	1
1 1		400		412.	answer only.	10
		4.444				B
4.	P.5	100gm = 1kg				1
		1gm = 1 kg				1
		1000	****		3	11
- 1		630gm = 1 x	630kg	Mi	For the method	1
		100ø 63kg	1		1000	A.
		100		Ai	For 0.63kg	1
		= 0.63kg				1
5.	P.5	R= {1,2, 3, 4, 5}	no of subsets	B ₁	For ROT	
- 1		T = {2, 4, 6, 7}	=2 ⁿ			
	- 1	$R\cap T=\{2,4\}$	=21 = 2x2	Bi	For number of	
			= 4 subset	DI	subsets.	
	P.5	2t+4=10		Mı	For the method	
	- 4	2t + 4 4 = 10 - 4	4=2t=2x6	-	- Se ses method	
	- 1	2t = 6	=2 x3		100	-1
		Zt= E 3	= 6			
		Z Z t=3		Az	For correct	
7.	P.6		One.	-	answer	_
	1.0	2p + 2p + 2p = 1	au.	MI	For the method	
		for to				
	- 1	P = 309		Ai	For the answer	
				-	Por the answer	
3.	P.6	2 4 12 24	.72			
		x2 x3 x2	53	845	For the pattern	
		2 4				
		X 3	-	A ₁	For 72	
-	D.7	1900 175 200	-	-	-	
	P.7	180° - (75 - 3t)° 180° - 75° + 3t°		Mi	For the method	
		105° + 3t°		As	Plant String and String	1
1		(105 + 31)0		-41	For the answer	1
0.	P.5	1:00p.m				1
0	10.5	12:00		B.	For the method	
		13:00HR			used.	A
		-1:30				1
		12:30p.m.		Bi	For 12:30p.m	
-		The state of	Townet	-	-	-
	B	Range = highest	- iowest	34	David II	
9		5 7		Ma	For the method	
		5 -(-7)		A.	Twist promise	
14		5 + 7		A ₁	For the answer	
		12				

12	F.4	TH H T O				Make -	review on rounding	
		4 3 5 2				ull deci	mal numbers as well.	
		4 3 0 0	Mi	Fort	he method		COLUMN TO THE REAL PROPERTY OF THE PARTY OF	
		+ 1 0 0				1	- A	
		4352 ≈ 4400	A	Fort	he answer	1		
13.	P.6	Set 0	Ba	For	he answer	Accup	t set Q complement	
14:	P.7	Mango tree	H	For	illustration	Expos	ve learners to such	
4.4	(1600)	4	0 00 1	1500		them	ed questions and apply	
		11 11 11 11	- B ₁	For	9 trees	Acce		
		They are 9 trees				(6+4	13-1	
		I AMERICANOS CONTRACTOR CONTRACTO				10-1		
15.	P.7/	3-1-3-1	-	-		9 tre	sit ratios and their	
134	45-70	4 2 4 2	1	1			ications	
		= 3. x -25		1			1	
		42.1		1				
		-3	Mi	Fo	the method	- 1	1	
		3 x High	10000	1	walk a management	1		
			As	Fo	r the answer			
		=105kg				M	ake enough practice on	
16.	P.7	5 heaps cost sh 6000					lated questions for	
		1 heap costs sh 6000	200				astery.	
		1 heap costs sh. 1200	Mi	F	or the method			
		Sh.8.400 heaps						
		Sh.1,200	1	1		1		
		E4 houps	- 100	1	or 7 heaps	1		
-9		12	A ₁		A ALIE SALES OF THE PARTY OF TH		Tolly and manchinhall	
	100	7 haaps 0.7 = Z. 3	M ₁		For the mothe	od.	Make a review on probabili of fractions, decimals etc.	
17,	P.6	10 10		For the answer			Of Harmania account	
		10 - 7 = 10 - 7 = 0.3	A		For the answ	01		
		10 10 10		-			Encourage candidates to	
18.	P.6	2x - 3	Mi		For using a		count gaps on the number	
		Zgroups of -3's	1200		number line		line.	
		1	A:					
					For 6			
	1	16 1 1 1 1 1	6 1 2	3				
	8 7	(0) 4						
- 1		6	-	-				
-	24	Let the fraction be x					Revisit changing number	
9.	P.6	The Control of the Co					like 0.166to a commo	
		V v 10 = 0.0666					fraction.	
		1/1v = 6.66					Accept:	
		10x = 6.66	1 3		The second	WELLIAM I	10-1 3	
		-x = 0.60	1 3	M:	For the me	mod	120.5	
		9x 6	16				6	
-4		9x = 6	1	At	For 2		9	
		9 9			3			
		X = 2		-		and Marian	Teach time practical	
		The state of the s		Bi	For minu	te nanc	operate as well.	
20.	P.5	6 A					open and a second	
		61	1 9					
		Lr y		25	W. 0400	- band		
		SIPRO PRIMARY SEVEN MOCK MA		Bi	For hou	THE PARTY OF		

					SECT	050	
è	1			Total mark	-	Bail .	
1	21, 11	Marks scored	No of pupils	12	101	Por much correct entry with	Sincourage learn Sinceprot the tab
	a)	3	4	-	Bi	working shown	aurount the dres
		5_	9	45			Award Bulket Per mulanum o
		-	14_	84	(H)		1
		6	8	64	B1		
		8	8	75	Bi		
1	b)	45 + 9 = 5 84 + 6 = 14 8 x 8 = 64 75 + 5 = 15 (4 + 9) + (14 (13 + 22) + 5 35 + 5	+8)+5		Bi	For the candidates	
		= 40 Candid (40 x 2) book 80 books			Br	For 80 books	
22.	P.7	2y = 4x + 2			B ₁	For each correct entry with correct working.	A ward B ₀ minu working.
		$2y = 4x + 2 2y = 4 \times 0 + 2 2y = 0 + 2 2y = 2 2 2 2 Y = 1$	$ 2y = 4x + (2 \times 3) = 6 - 2 = 4) 4 = 4x 4 = 4 1 = x 4 X = 1$	4x+2	Bt		Award B ₁ ow-1 For omission of
		$ 2y = 4x + 2 2y = 4x - 2 + 2y = 8 + 2 2y = 26 2' \(\neq 2 \) y = 3 $	$ \begin{array}{c c} 2 & (2 \times 3) = \\ 6 = 4x + \\ -6 - 7 = 6 \end{array} $	4x+2 2	Bi		
23,	P.7	(2k+5) cm =	= (3k + 1)cm	-			Malarana
	a)	cm cm 2k+5=3k+1 2k+5=5=3k+1=5			Mi	For the method	Make a review and in diagran statement.
		2k = 3k - 4 2k - 3k = 3k - -k = -4 -1 -1 K = 4	-3k-4		Λι	For the answer	430
	b)	(3k + 1) cm (3xk) + 1cm (3x4) + 1cm 12 + 1cm 13cm Perimeter =(1	3+13+18+	8)cm			
		=26 =52 RO PRIMARY SI	cm + 26cm		Mı	For the method For 52cm	

THE SIPRO PRIMARY SEVEN MOCK MATHEMATICS MARKING GLODE 2021

(0)	$a^2+b^2\in c^2$						
	a2 +(Scm)2 = (13cm)2	100					
1	a* +(5cmx 5cm) = (13cm	1X 13)					
	a ² +25cm ² - 25cm ² =169cm ² +25cm ² -25cm ² =169cm ²	m²					
	a ² =144cm ²	1.4					
	1	2 144 M					
	a = 144cm ² -	2 72 2 18	100	or the method			
	n = 2 2 x2 x3 cm -	3 9					
	a = 2 x 2x 3cm	3 3					
1 1	n = 12cm	T A	F	or 12cm			
24. P.7 a)	∴ Height = 12cm n(ε)		-				
	M		B _i For 1 (4k + 10)				
	2k (k)		311	6	variety of set		
	(/K+10)	5000			approaches.		
		K+101		1			
	1(2k+k+k+10)	_		1			
	6			1			
7.6	1 (4k + 10)						
b)	K + 10 = 2k + k		Bi	For the equation			
	K+10=3k		100				
	K + 10 - 10 3k - 10 K - 3k = 3k - 3k - 10						
	-2k = -10						
	-2 -2	1	B ₂	For K = 5	17Kth		
	K=5	-	17		1		
	4k+10		Bi	For 30	ZK+1		
	$(4 \times k) + 10$ $(4 \times 5 + 10)$				(Ax.		
	20+10				- 2		
	=30				100		
	1 x 30						
	4k+10+5						
	(4 x5) + 15						
	20 + 15		Ba	For 35 pupils			
25. P7	35 pupils 40% (males)		Bi	For 60%	Expase		
25. P7	100% - 40% = 60% (f	emale)			variety for ma:		
	60% rep 960		B ₁	For the equation	101 1111		
	1% rep 960		Bi	For the method			
	100% rep 960 x 600		333	For correct			
	60		1	operation.			
	21						
	320 x 5		B ₁	For the answer.	Make a		
	= 1600 seedlings	_	B ₁	For the magic	magics		
26. P.3	Magic sum = 10 x 3 = 30		-	sum.	learner		
	Magic sum = 16 + 10	+4	1 1		such.		
	= 30		12.				
	16 2 12		Bi	For each correc	1		
	6 10 1	4	B ₁	gap filled.	1		
	8 18 4		Bı				
				ARKING GUIDE - 202	4		

	3	0 - (16 + 2) 0 + (18) 0 - 18 12 30 + (16 + 8) 30 - 24 = 6 30 - (8 + 4) 30 - 12 18				Emphasise neatness and
27.	P.F	400	1	La.	For Joining D to C	accuracy.
28.	A P.7a)	Profit on each kg sh. 3.900 sh. 1,300 sh. 50 =78kg		Ma.	For the method For 78kg	Make a review on exchar rate more especially on tables.
	b)	10kg of coffee costs sh. 3,550 174kg cost sh.3,550 x 174 Sh. 617,700 Sh. 617,700 Sh. 870 61770 87		M ₁	For the sh.617,700 For the concept of division	
29.	P.7 a)	= 710kg Heiurs min 11 30a.m -11 15a.m -15 He took 15 minutes		A ₁	For the difference	e Help candidates to rev changing 12hour clock and vice-versa.
	b)	Hours min 2 75 13: 15a.m -11 15a.m 1 45 He took 1hour 45 minutes		M:	For the method	
	c)	10:30am = 10:30am +0000hour 10:30hours		Bi	For the answer	1

30	F.7 a)	1	1	30°					candid	tressew and expose lates to such angles
	-	-	EM	1400					Accept	make worst statements
		x + 1	tAn0 = 180	= 180°-1					-	140, 140,
		y +	140° - 140 40°	n = 180°-	140"	Bi	:Fo	r 50" + 40"		
		M =	509 + 40"			Bi	Fo	r.90"		130" +140" = 360"
1	(b)	300	90" + Zn ² + 4n - 360"	° ≥ 360°		M.	Eo	r the method	M+	270° = 360° 270° - 270° = 360 -270°
		10 =				As.	Pe	r the answer	Me	901
31.	P.7 a)	n = 40 Let the number be W. 1** no = w 2** no = W + 2 3** no = W + 4 4** no = W + 6 W. W + 2, W + 4, W ₁ + 6							col	ke a review on assecutive numbers and ply correctly.
		W + 2x 2	$ \frac{W + 2 + W + 4}{2} = \frac{27}{1} 2x + 6 = 27 \times 2 2x = 1 2w + 6 = 54 2w + 6 - 6 = 54 - 6 2w = 48 2 2 W = 24 $				B ₁ For the equa			
		2w :					1	For the method	1	
		1000	2150	25.00	Q4 ye.		1		1	
		W=34	W+ 2 24 + 2 26	W+2 24+4 28	34.+4 30	Aı		For the numbe	13	
-	b)	24 x		26, 2B, 3	0	Mi		For the metho	d	
	D)	240 x 3				A		For the answe	r	
2,	P.7a)	Speed = <u>D</u> T = 200km			M		For the metho	ed.	Encourage learners to the scale before answer questions.	
		3hours = 66 2km/hr			A		For the answer			
	3h =66 2									
-	b) They met at 10:00a.m				B	1	For the answ	Ver	-	
F	b) They met at 10:00a.m c) Average speed = D T				М		For the met	hod		
		80ko 2hor 4				A		For the ans	- 10	6