## WAKISO DISTRICT JOINT EXAMINATIONS BOARD

(WAKISO MAIN, KIRA, MAKINDYE AND NANSANA MUNICIPALITY)

## PRIMARY SEVEN INTERNAL ASSESSMENT

2024

## MATHEMATICS

Time Allowed: 2 hours 30 minutes

Index No.	Random No.	Personal No.	
Candidate's Name:	015676586	66	
Candidate's signature		$C \setminus$	*****************
School Name:	\	Solonga	
District/Municipality:	Ohnson.		••••••

## DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO Read the following Instructions Carefully:

- 1. This paper has two sections A and B.
- 2. Section A has 20 questions (40 marks).
- 3. Section B has 12 questions (60 marks).
- Answer all questions. All the working for both sections A and B must be shown in spaces provided.
- All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
- No calculators are allowed in the examination room.
- Unnecessary changes and crossings in your work and handwriting that cannot easily be read may lead to loss of marks.
- Do not write anything in the boxes indicated "For examiners' use only"
- 9. Write your name on all pages.

	USE ONLY
E	OP EVAMINEDES

F	OR EXAMINE	
Qn. No	Marks	EXR'S NO.
1-5		
6-10		The state of the s
11-15		
16-20	P	
21-22	- M	14/14/3/
23-24	7	
25-26		
27-28		
29-30		
31-32		
TOTAL		

ORGANISED AND PUBLISHED BY:

WA.D.E.B

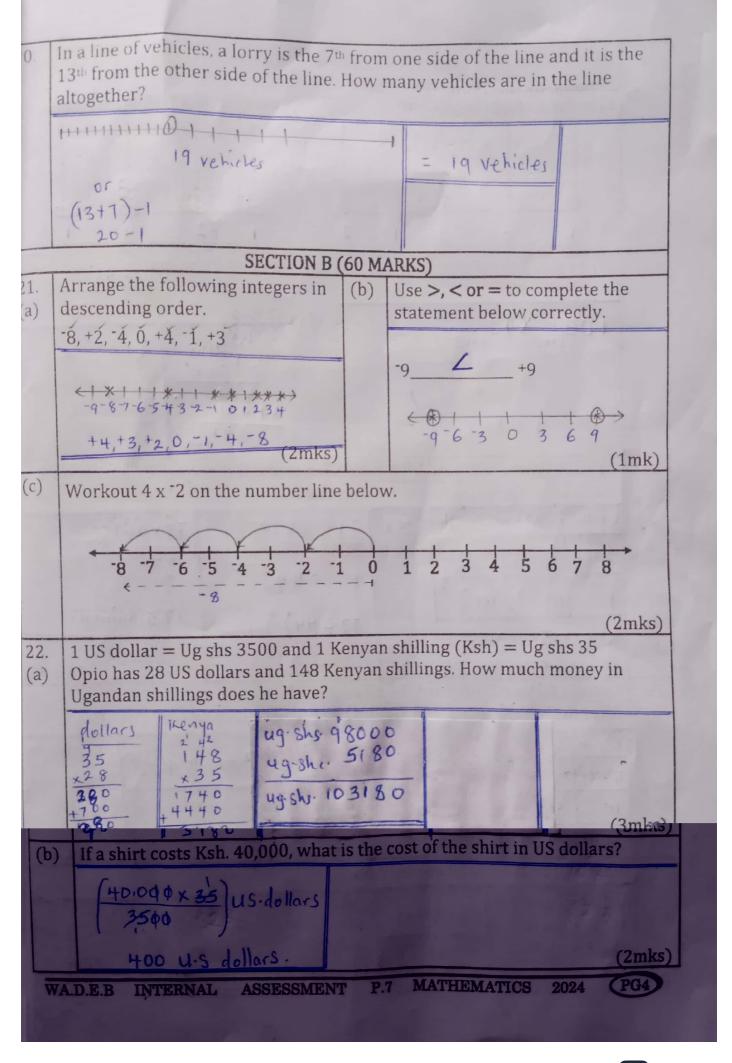
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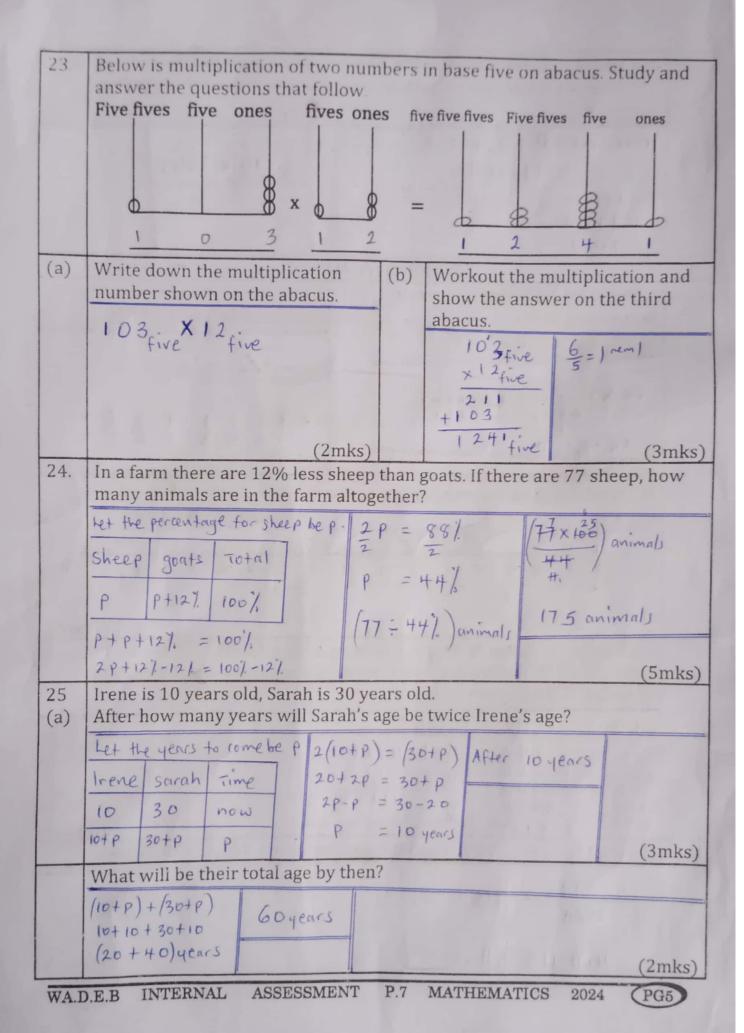
SECTION A (40 MARKS)

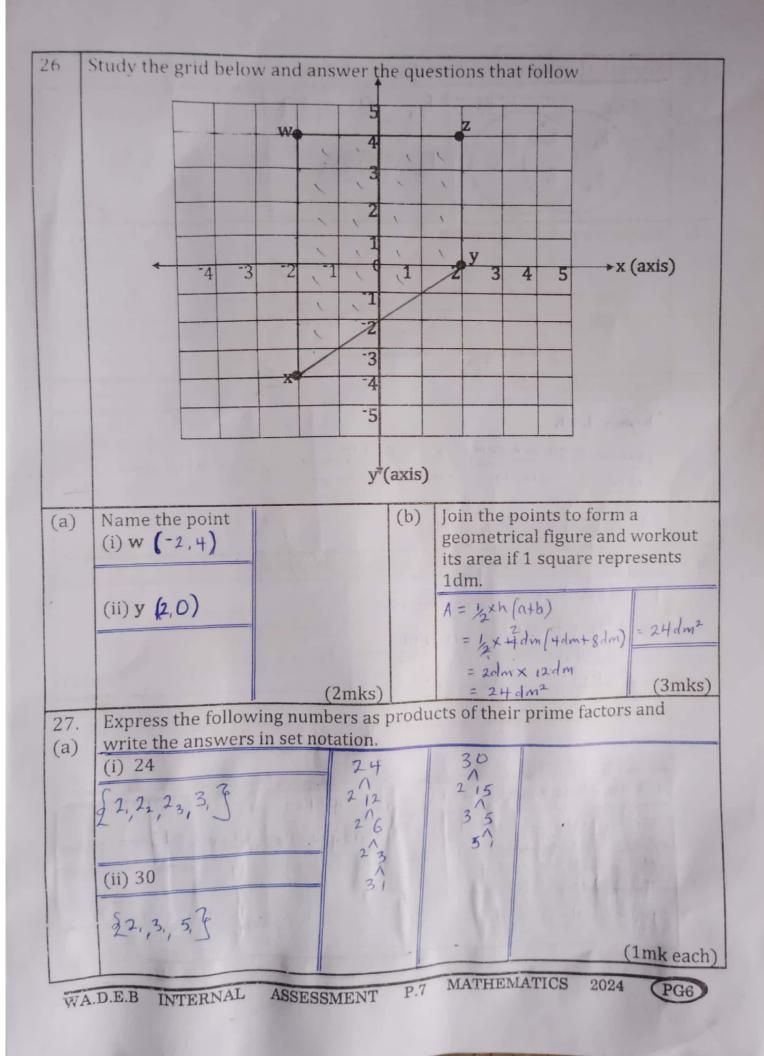
	SECTION A (40	JMA	ikks)			
1.	Work out: $12 \div 3$ $\frac{12}{3} = 4$	2.	Express CXLV in Hindu Arabic numerals.  C > 100  XL > 40  V -> + 5  145			
3.	In the diagram below, shade only the region that represents K.		Write in figures: Two and two thousandths.			
	L K		Two $\Rightarrow 2$ wo thousand the $\Rightarrow 0.002$ $2.00$ $2.00$			
5.	Find the volume of the cylinder below. $\left(use: \pi = 3\frac{1}{7}\right)$					
	= 11	XX	1 × 7cm × 15cm 5 cm <sup>3</sup>			
6.	Find the next two numbers in the sequence 22, 20, 17, 15, 12, 10, 7 10					
7.	In a dairy, the cost of a litre of milk dec What was the percentage decrease?	creas	ed from shs. 3,000 to shs. 2,400			
	Decrease   percentage decrease   =	20,	<u>/</u>			
8.	Workout: 2121÷ 7					
	7 = 303 303					

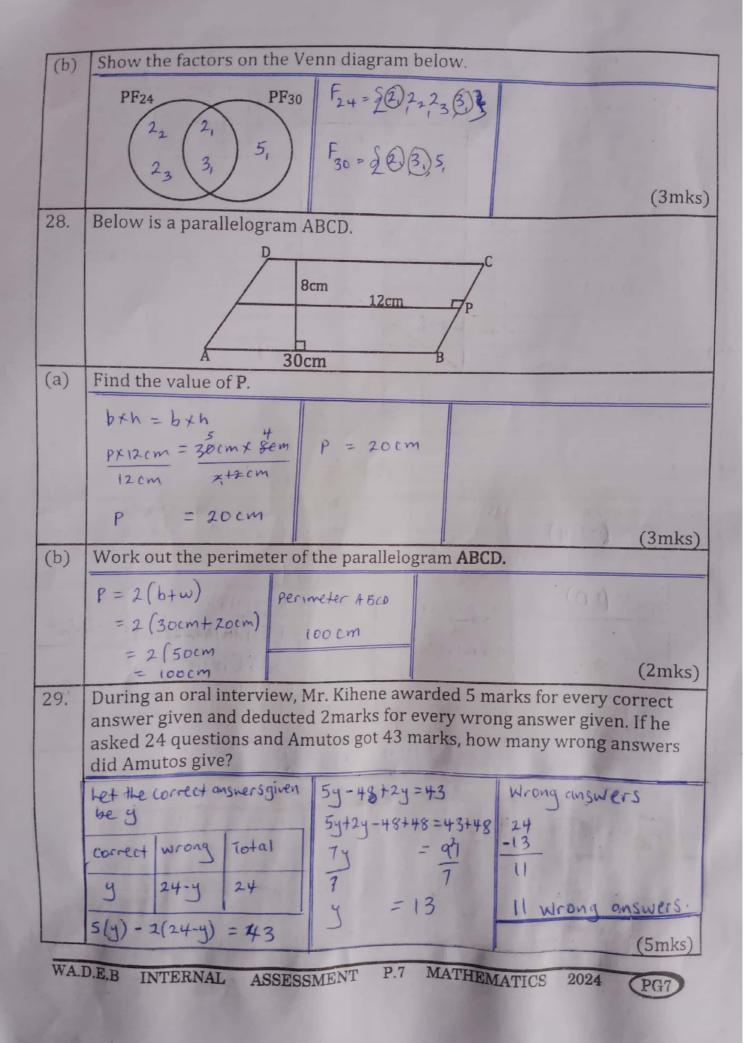
9	A school has 11 male teachers and 7 female teachers. What is the probability of a female teacher chairing a staff meeting?	10. Solve: $4(5p-8)=48$ $4(5p-8)=48$ $20p-32=48$				
	Total teachers  11+7 = 18 teachers  probability = 7  18	$     \begin{array}{r}         20P - 32 = 48 \\         20P - 32 + 32 = 48 + 32 \\         \hline         20P = 80 \\         \hline         20 = 40     \end{array} $ $     \begin{array}{r}         P = 4     \end{array} $				
11.	A taxi travelling from Jinja to Wakis hours and 15 minutes travelling, at (give time in 12 hour clock system)	so arrived at 16:45 hours. If it took 2 t what time did it leave Jinja for Wakiso?				
	Hours minutes 2:30pm  16					
12.	Write 0.049 in standard form.					
	0.049 0.049×10 0.49×10 4.9					
13.	A money lender gives a simple interest of 9% per week. What will be the interest on shs. 161,000 for 4 days?					
	Interest = PXRXT = shs. 1610pp x 9 x 4 10p 7 shs- 8280	= Shs.8280 36 x23 108 +720 828				
WA.	D.E.B INTERNAL ASSESSMENT	P.7 MATHEMATICS 2024 PG2				

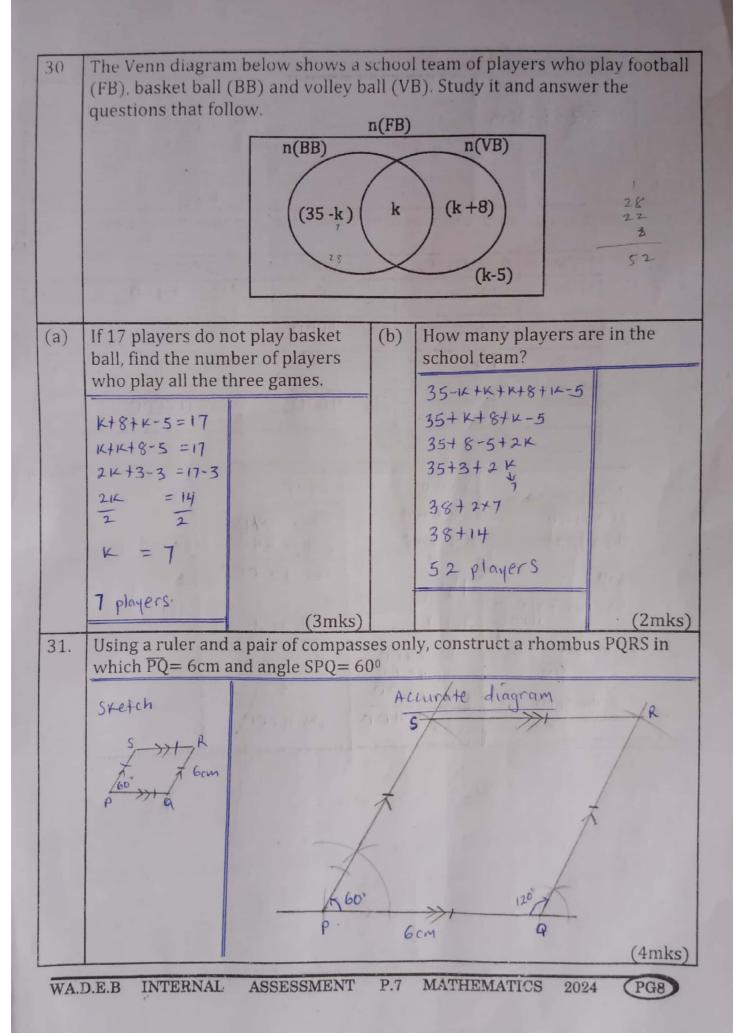
14.	The exterior angle of a polygon is 72°, name the polygon.			Find the mean of 2p	(7p - 4), 19	and
	Number of sides = 3601 72° 75 sides  Regular Pentagon			$\frac{(7P-4)+19+2P}{3}$ $\frac{7P+2P+19-4}{3}$ $\frac{9P+15}{3}$	3p+5	
16.	The number of proper s	ubsets in set	t K is	63. Find n(k)		
	Proper subsets = $2^{n}-1$ = $63$ = $63+1$ = $64$ = $64$	$f^n = 2^6$ f = 6 (K) = 6		64 232 216 28 = 26 24 24		
17.	Using a sharp pencil, a print the space provided be	air of compa	asses	hier p	angle of 10	50
18.	Work out the product of the 5 <sup>th</sup> and the 8 <sup>th</sup> composite number.			It is July now, wh year was it 114 n		fthe
	4,6,8,9(0)12,14(13)16,18,20,21 10×15=150 =150			July Stands for 7  7-114 = - (finite  Express 114 in finite  12 = 9 rem 2  12 (2x3) rmo	17-6	-(modiz) nodiz) th was
				= 6		











(b)	Mea	asure diag	gonal	SQ.				
	5Q=6.2cm					(1m	k)	
32.	Bel	ow is Tr. 1	Kapisa	a's shoppin	g list.	Study and com	plete it correctly.	_
		ITEM	1	QUANTITY		COST	AMOUNT	
		Milk	2 lit	tres	Shs. 1	1200	Shs. 2400	
	1	Salt	500gm		Shs. 3000		Shs. 1500 Shs. 4500	
		Posho						
		Soap	3 ba	ars	Shs. 4000		Shs. 12000	
	TOTAL EXPENDITUR					RE	Shs. 20,400	
	Sal Shs	Mik  2+shs 1200  Shs. 2+00  Salt  Shs. 1500 = 500 gm  Total  Shs. 3500 × 1000  Shs. 2+6			00	Soap Shs: 2040 - Shs: 840 Shs: 1200 Unit cost Shs: 12000	0	
18	Shr- 3000		+ Shs. 1500 Shs. 8400		= 8hs. 4000	(5mk	s)	