



STANDARD JUNIOR SCHOOL – ZZANA

MID TERM ONE BREAK – HOME TESTS, 2020

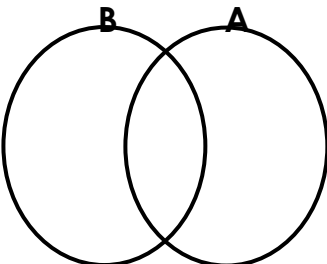
P.5 MATHEMATICS (SET 2)

TIME: 2 HOURS 30 MINUTES



SECTION A	
SECTION B	
TOTAL	

NAME: _____

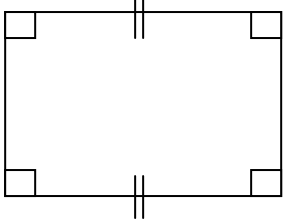
SECTION A (40 Marks)

1)	<p>Add: $147 + 13$</p>	2)	<p>Find the sum of the next two numbers in the sequence: 2, 3, 5, 7, _____, _____</p>
3)	<p>Simplify: $\frac{3}{4} - \frac{1}{4}$</p>	4)	<p>Two kg of sugar cost sh. 6000. Find the cost of 7kg of sugar.</p>
5)	<p>Shade A – B on the Venn diagram below.</p> 	6)	<p>Write 32002 in words.</p>

7)	Kawala spent 3 weeks at her uncle's home. How long was she away in days?	8)	Find the perimeter of the figure below.
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9)	<p>Given that  stands for 4 sweets. How many sweets are represented by ?</p>	10)	Solve: $20 + 1 = 5$								
11)	<p>Add:</p> <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">Kg</td> <td style="padding-right: 20px;">g</td> </tr> <tr> <td style="text-align: right;">5</td> <td style="text-align: right;">250</td> </tr> <tr> <td style="text-align: right;">+ 4</td> <td style="text-align: right;">760</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; padding-top: 5px;"> <hr style="width: 100%;"/> </td> </tr> </table>	Kg	g	5	250	+ 4	760	<hr style="width: 100%;"/>		12)	A school van carries 64 pupils. How many pupils does it carry in 4 trips?
Kg	g										
5	250										
+ 4	760										
<hr style="width: 100%;"/>											

13)	Express 6kg as grams.	14)	Agnes has 49 books in her bag. Write the number of book in Roman.
15)	Work out: $-5 + +7$	16)	Find the lowest common multiple of 4 and 12.

17)	 <p>Calculate the area of the figure.</p> <p>3cm</p> <p>8cm</p>
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18) Use a number line to work out: $3 + 4$

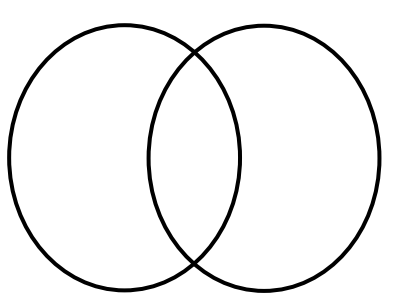
19) Calculate the number of subsets for:
 $A = \{a, b, c, d\}$

20) There are 14652 people in Mpigi district and 5438 in Kalangala district. How many people are there in the two districts?

SECTION B (60 Marks)

21 Given that set $A = \{a, e, l, o, u\}$ and set $B = \{a, b, c, d, e, f, g\}$
 Represent the above sets on a Venn diagram below. (3mks)

a)



A **B**

b) Find;
 i) $n(A \cap B)$ (1mk)

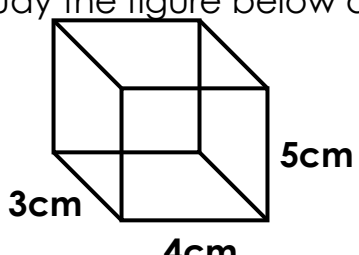
ii) $n(A \cup B)$ (1mk)

22)	Jane went to the shop and bought the following items. 2kg of sugar of sh. 3000 per kg. $\frac{1}{2}$ kg of salt at sh. 1000 per kg. 3 loaves of bread at sh. 4200.		
a)	How much did she spend altogether? (4mks)	b)	If she was given sh. 800 as her change. How much did she go with? (2mks)
23)	Francis collected 4,592 eggs on his farm on Monday, 8480 eggs on Tuesday and 9438 eggs on Wednesday.		
a)	How many eggs did he collect altogether? (2mks)	b)	What is the difference between the eggs collected on Wednesday and Monday? (2mks)
c)	Write the number of eggs he collected on Wednesday in words. (1mk)		
24)	Dorothy scored the following marks in end of term II exams. 90, 70, 60, 40, and 56.		

a)	Find her range. (2mks)	b)	Find he median. (2mks)
c)	What was her total mark?		(2mks)

25)	At a birth day party attended by 120 guests. $\frac{1}{3}$ of them were males and the rest were females.		
a)	What fraction were females?		(1mk)
b)	How many males were at the party? (2mks)	c)	How many more females than males were there? (2mks)

<p>26)</p>	<p>The area of a rectangle is 36m^2. Find its width if its length is 9cm. (2mks)</p>	<p>b)</p>	<p>Work out its perimeter. (2mks)</p>
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<p>27)</p>	<p>Study the figure below and use it to answer the questions.</p> <div style="text-align: center;">  </div>		
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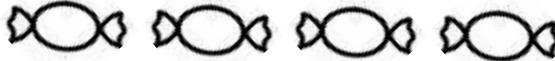

<p>a)</p>	<p>How many vertices has the figure. (1mk)</p>	<p>b)</p>	<p>Workout the area of the shaded part. (2mks)</p>
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<p>c)</p>	<p>Find the volume of the figure. (2mks)</p>		

<p>28)</p>	<p>a) Prime factorize 30 and write your answer in set notation. (2mks)</p>	
<p>b)</p>	<p>Find the G.C.F of 4 and 12. (2mks)</p>	<p>c) What number has been prime factorised? $\{2_1, 2_2, 3_1, 5_1\}$ (2mks)</p>
<p>29)</p>	<p>Given the digits, 7, 3, 4 and 5. a) Form the largest numeral using the digits. (1mk)</p>	<p>b) Form the smallest numeral. (1mk)</p>
<p>c)</p>	<p>Find the product of the value of 3 and the value of 5 in the largest numeral formed. (2mks)</p>	

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b)	Workout its perimeter.	(2mks)
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32)	The graph below shows the number of sweets got by pupils in P.5.	
	Mary	
	Peter	
	Claire	
	Jorine	
	Ali	

Scale:  = 5 sweets.

a) Who got the highest number of sweets?
(1mk)

b) How many sweets did Peter and Jorine get?
(2mks)

c)	Who got the same number of sweets?	(1mk)
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