



SHALOM PRIMARY SCHOOL

PRIMARY SEVEN TERM II

MATHEMATICS REVISION SET III

SECTION A :(40 marks)

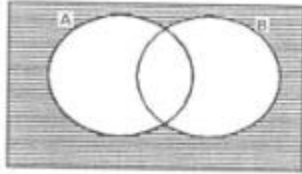
1. Work out: 303
 $\times 4$

2. Simplify: $2x + 3y + x + 4y$

3. Write 2012 in words.

4. Subtract: 101_{two}
 $- 11_{\text{two}}$

5. Describe the shaded part in the Venn diagram below.



6. Find the number whose standard form is 5.2×10^2 .

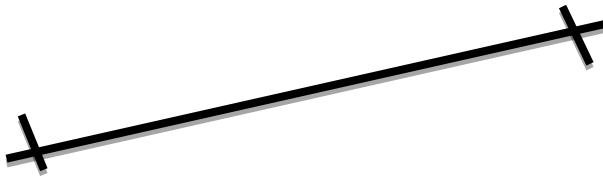
7. Express $0.2727\ldots$ as a common fraction in its simplest form.

8. Find the next number in the given sequence: 1, 3, 9, 27, _____

9. Write 12:30 am, in the 24-hour clock.

10. Solve for x: $3 - 4x = 5$

11. Using a pencil and a pair of compasses, bisect the given line below.

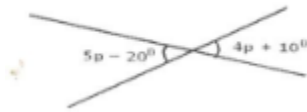


12. Bwanika walked 0.5km. What distance did she cover in metres.

13. The mean of 4, 5, 0, x and 7 is 5, Find the value of x.

14. The cost of buying 400 Kenya shillings is Uganda sh.8000. How many Kenya shillings can Uganda sh.24,000 buy?

15. In the diagram below, there are vertically opposite angles. Calculate the value of angle p.



16. The bearing of Entebbe from Kampala is 045° . What is the bearing of Kampala from Entebbe? ,‘

17. Round off 43.392 to the nearest tenths. L

18. The area of a square chalkboard is 100cm^2 . Find the length of one of its sides.

19. The probability that Owen will pass a Mathematics Mock exam is $\frac{2}{9}$ What is the probability that Owen will fail this paper?

20. The temperature of a day rose from 5° to 25° . What was the rise in the temperature?

SECTION B:

21. The size of each interior angle of a regular polygon is 144° .

(a) Find the size of each exterior angle.

(b) How many sides does the polygon have?

(c) What is the interior angle sum of the above regular polygon?

22. In a Mathematics test given to a class, the marks scored, frequency and total marks are shown in the table below.

Marks scored	Frequency	Total Marks
4	4	16
_____	9	45
6	_____	84
7	8	_____
8	5	40

(a) Complete the table above.

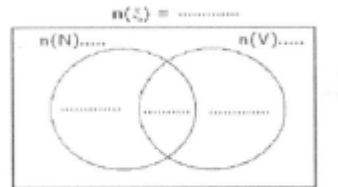
(b) What was the modal mark?

(c) How many pupils were in the class?

(d) What was the average mark scored?

23. In a P. 7 class, 60 girls like netball (N), 35 girls like volleyball (V) only and 20 girls like both games while 5 girls like neither of the two games.

(a) Represent the above information on the Venn diagram given below.



(b) How many girls are there altogether in the P. 7 class?

(c) If one girl is selected at random, what is the probability of selecting a girl who likes only one game?

24. The diagram below shows a sports field of length 100m with semicircular ends of diameter 70m.



(a) Calculate the distance in metres a runner covers by running around the sports field.

(b) Find the area of the sports field.

25. Using a pencil, a ruler and a pair of compasses only, construct a regular hexagon of radius 4cm.

26. Dan left town K and travelled 16km westwards to town P. He then travelled 12Km northwards to town R.

(a) Draw a sketch to show Dan's movements.

(b) Using a scale of 1cm to represent 4Km, draw an accurate diagram showing Dan's journey.

(c) From your diagram, find the shortest distance from town R to town K.

27. At Good Hope Nabulagala primary school the price of uniform is as follows.

A shirt	sh. 5,000
A pair of shorts	sh. 10,000
A blouse	sh. 7,500
A skirt	sh. 12,500

A parent has 3 sons and 2 daughters in the school, how much money did he pay for full uniform for all his children?

The table shows a train journey Tororo to Lira.

UGANDA RAILWAYS

DISTANCE IN KM FROM TORORO	STATION	DEPARTURE TIME	ARRIVAL TIME
0	Tororo	0800 hrs
56	Mbale	0945 hrs	0900 hrs
120	Kumi	1120 hrs	1100 hrs
160	Soroti	1410 hrs	1300 hrs
270	Lira	1850 hrs	1800 hrs

(a) What is the arrival time in Lira on the 12-hour clock.

(b) What is the distance in kilometres from Kumi to Lira?

(c) For how long did the train stop at Kumi?

(d) Find the average speed of the train for the whole journey.

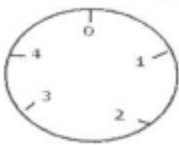
29. In a meeting of head teachers of primary schools, the ratio of male head teachers to that of female head teachers was 3:5 respectively. If there were 300 female head teachers in the meeting:

(a) How many male head teachers were in the meeting?

(b) Find the total number of head teachers who attended the meeting.

30(a) In an Interview 2 marks are deducted for every wrong answer and 3 marks are awarded for every correct answer. What is the score mark for a candidate who gives 13 correct answers and 7 wrong ones?

(b) Use the clock face to work out $2 - 3$ (finite 5)



31. Wycliff read $\frac{1}{4}$ of the pages of a book on Friday, $\frac{1}{3}$ on Saturday and the 30 remaining pages on Sunday.

How many pages did wycliff read altogether?

32.(a) Plot points: A(-2,2), B(1,3), C(4, -2) and D (-2,2)

(b) Join A to B, B to C, C to D and D to A. Name the figure formed

(c) Find the area of the polygon formed in square units.

END

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