ST. PATRICK KIGULU GIRLS' BOARDING PRIMARY SCHOOL

REVISION TEST

PRIMARY SIX MATHEMATICS 2020

NAME: _____ DATE: _____

SECTION A (40 marks)

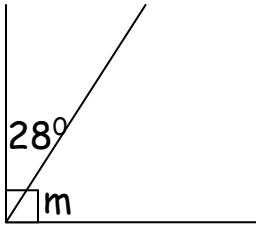
1. Subtract 27 from 93.

2. Write 34 in Roman Numerals.

3. Given that A = {1, 2, 3}. Find the number of subsets in set A.

4. Work out: $4 - \bar{}9$

5. Find the size of angle marked m in the figure below.



6. Musa has a string measuring 0.125km. Express this length in metres.

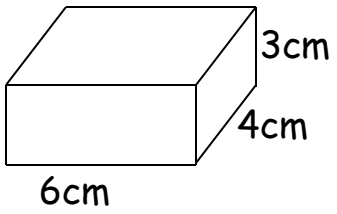
7. Find the next number in the sequence; 2, 3, 5, 7, ____

8. A boy scored the following marks in three consecutive tests; 6 , 9 and 12. What was his average score?

9. Given that g = 2 and h = 3, find the value of 2g + 3h.

10. Convert 22_{five} to base ten.

11. Calculate the volume of the figure below.



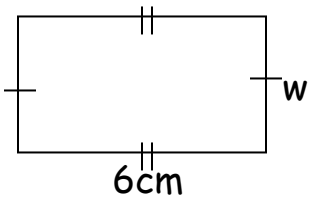
12. In the space below, draw an angle of 70^0 using a protractor, ruler and a well sharpened pencil.

13. Simplify: $\frac{1}{3} + \frac{2}{5}$

14. Write "**forty thousand forty four**" in figures.

15. A car covered a distance of 240km after travelling for 3 hours. Calculate its average speed.

16. The area of the rectangle below is $30cm^2$. Find its width, w if the length is 6cm.



17. Akello bought 500gm of sugar at shs. 2000 a kg. How much money did she pay for sugar?

18. Change $2\frac{1}{2}$ hours to minutes.

19. A milkman packs 20 litres of milk in $\frac{1}{4}$ litre packets. How many $\frac{1}{4}$ litre packets does he get?

20. How many dozens are there in 36 items?

SECTION B (60 marks)

21. a) A paper factory packs 500 sheets of paper in each ream. Each day a factory makes 1000reams of paper. How many sheets of paper are made each day? **(2 marks)**

b) Multiply: 0.3 × 1.2 **(2 marks)**

22. Katongole scored the following marks in a series of tests.

70 , 60 , 40 , 60 , 80 , 50

a) How many tests did he do? **(1 mark)**

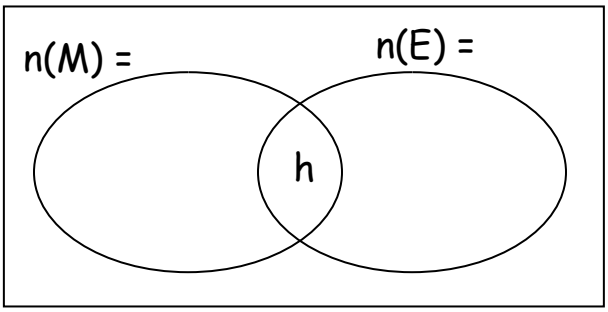
b) What is his modal mark? **(1 mark)**

c) Work out his range. **(2 marks)**

d) Calculate his average mark. **(2 marks)**

23. In a class of 60 pupils, 32 like Maths (M) and 40 pupils like English (E) while h pupils like both.

a) Represent the above information on the Venn diagram below. **(2 marks)**



b) How many pupils like both subjects?

(2 marks)

c) How many pupils like only one subject?

24. In a class of 120 pupils, $\frac{2}{5}$ of them are girls and the rest are boys.

a) Find the fraction for boys. **(1 mark)**

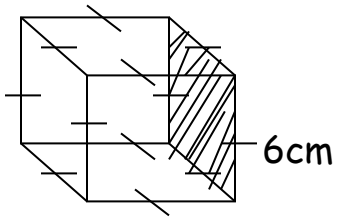
b) How many girls are in that class? **(2 marks)**

c) How many more boys than girls are in the class? **(3 marks)**

25.a) Solve for y: $2y - 6 = 6$ **(2 marks)**

b) Simplify: $2(h + 3m)$

26. The figure below is a cube, answer the questions about it.



a) Calculate the area of the shaded face. **(1 mark)**

b) Find the volume of the figure above. **(2 marks)**

c) Work out its Total Surface Area (T.S.A) **(2 marks)**

27.a) Construct a triangle BCD such that angle CBD = 60^0, BC = 6.5cm and BD = 5cm using a ruler, a pencil and a pair of compasses only.

(4 marks)

b) Measure length CD = ……. **(1 mark)**

28. Namuddu went to the market with shs. 30,000 and bought the following items.

2 kg of sugar at shs. 3400 per kg.

$1\frac{1}{2}$ kg of meat at shs. 8000 per kg.

3 litres of milk for shs.7500.

a) Calculate her total expenditure. **(3 marks)**

b) What was her change? **(2 marks)**

29.a) Given the number 4932, expand it using; **(1 mark @)**

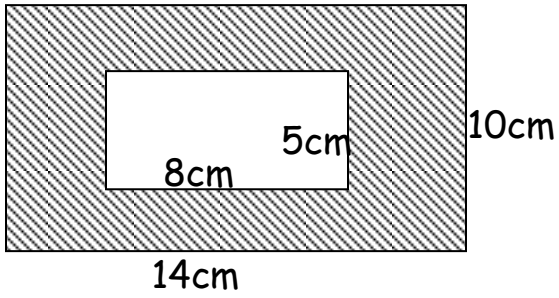
i) Powers of ten

ii) Values

c) Work out: $3\ 2\ 4_{five}$ **(2 marks)**

$+\ \ 4\ 2_{five}$

30. The shape below shows a flower garden. The small garden is in the middle of a big garden. Study it carefully and answer the questions.



a)Find the area of the small rectangle. **(1 mark)**

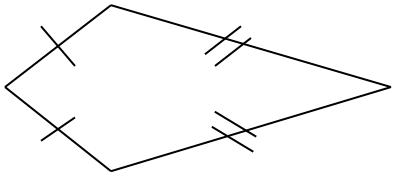
b)What is the area of the big rectangle?

(2 marks)

c)Calculate the area of the shaded part. **(2 marks)**

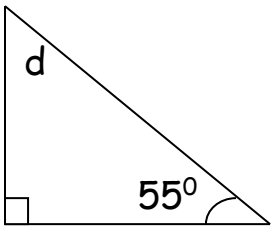
31. a) How many lines of folding symmetry does the figure below have?

(Show them by drawing) **(1 mark)**

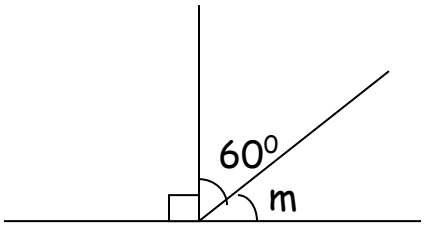


b) Calculate the size of the angles marked with the letters. **(2 marks @)**

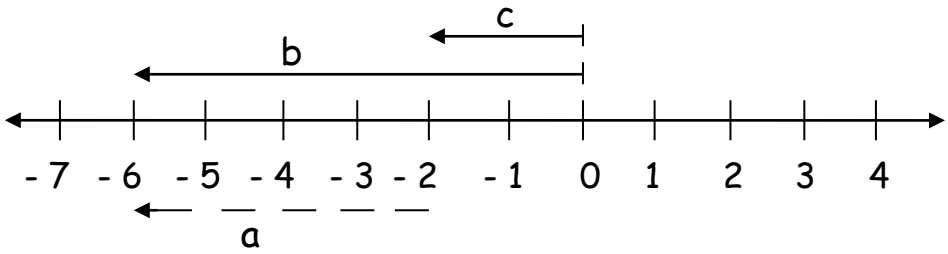
i)



ii)



32. Use the number line below to answer the questions that follow.



a) State the value of

(i) c = ……. (ii) b = ……. (iii) a = ……. **(1 mark @)**

b) Write the Mathematical statement represented above. **(2 marks)**

END