NEXT EXAMINATIONS BOARD

PRIMARY FIVE MATHEMATICS MARKING GUIDE

End of Year 2026 (Promotional Set)

SECTION A (40 MARKS)

Questions 1 to 20 carry two marks each. Show your working.

1. Write down the value of the digit 4 in the numeral 6,483.

   4 is in the hundreds place ✓ M1

   4 x 100 = 400 ✓ A1

2. Write LXXIV in Hindu-Arabic numerals.

   L = 50, XX = 20, IV = 4 ✓ M1

   50 + 20 + 4 = 74 ✓ A1

3. Find the next number in the sequence: 10, 11, 14, 19, ...

   10 → 11 → 14 → 19

   +1 +3 +5 +7 ✓ M1

   19 + 7 = 26 ✓ A1

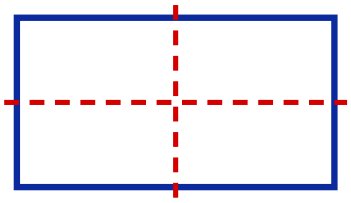
4. A school has 600 pupils who are divided equally into four sports houses. How many pupils are in each house?

   600 ÷ 4 ✓ M1

   = 150 pupils ✓ A1

5. Draw all the lines of folding symmetry on the rectangle below.





   Two lines of folding symmetry drawn (dashed) B1 B1

6. Namata has $3\frac{1}{2}$ metres of cloth while Olive has $1\frac{1}{4}$ metres of cloth. How many more metres of cloth does Namata have than Olive?

   3½ − 1¼ = 7/2 − 5/4 ✓ M1

   = 14/4 − 5/4 = 9/4

   = 2¼ m ✓ A1

7. Using a protractor and a pencil only, draw an angle of 65° in the space below.



✓ B1 B1

8. Round off 473 to the nearest hundreds.

473 ≈ 500 ✓ M1 ✓ A1

9. What is the greatest common factor of 21 and 28?

21: 1, 3, 7, 21
28: 1, 2, 4, 7, 14, 28 ✓ M1
GCF = 7 ✓ A1

10. A pictogram uses one symbol to represent 8 cups. A home has 32 cups. Draw pictograms in the space below to represent the number of cups in that home.



Key: one cup = 8 cups

✓ M1 A1

11. Find the area of a rectangle measuring 18 cm by 11 cm.

A = L x W = 18 x 11 ✓ M1
= 198 cm² ✓ A1

12. Set K consists of all prime numbers between zero and ten. List the elements of K and find n(K).

K = {2, 3, 5, 7} ✓ B1
n(K) = 4 ✓ B1

13. Write "seven thousand four hundred ninety-six" in figures.

7,496 ✓ B2

14. Express 480 centimetres in metres.

480 ÷ 100 ✓ M1
= 4.8 m ✓ A1

15. Adhile was given shs 18,000 for pocket money. He used shs 4,700 to buy chapati, soda and sweets. How much money was he left with?

18,000 – 4,700 ✓ M1
= shs 13,300 ✓ A1

16. Two angles on a straight line measure (4c)° and 100°. Find the value of c.

4c + 100 = 180 ✓ M1
4c = 80
c = 20 ✓ A1

17. A pupil has been late by 15 minutes every day for five consecutive days. Find, in hours, the total time the pupil missed lessons in that period.

15 x 5 = 75 min ✓M1

75 ÷ 60 = $1\frac{1}{4}$ hours ✓A1

18. Write down the prime factors of 72 in index form.

72 = 2 x 2 x 2 x 3 x 3 ✓M1

= 2^3 x 3^2 ✓A1

19. A cricket team collected 21 points in the first round of a tournament. In the second round, it lost 13 points and in the third round, it collected 11 points. Work out the team's final score.

21 – 13 + 11 ✓M1

= 19 points ✓A1

20. Work out: 6.42 + 3.14 – 1.05

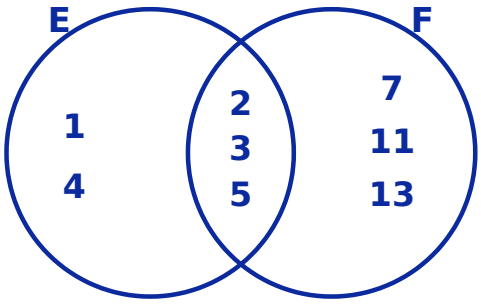
6.42 + 3.14 = 9.56 ✓M1

9.56 – 1.05 = 8.51 ✓A1

SECTION B (60 MARKS)

Answer all questions in this section. Marks for each question are indicated in the brackets.

21. Draw a Venn diagram to show the elements of Set E = {1, 2, 3, 4, 5} and Set F = {2, 3, 5, 7, 11, 13}, and hence use your Venn diagram to find n(E ∪ F). *(5 marks)*



n(E ∪ F) = 8

✓B1 B1 B1 B1 B1

22. Mr. Rwampara earns a weekly allowance of shs 50,000. One weekend, he used his allowance to buy the items below from a shop and saved the remainder:

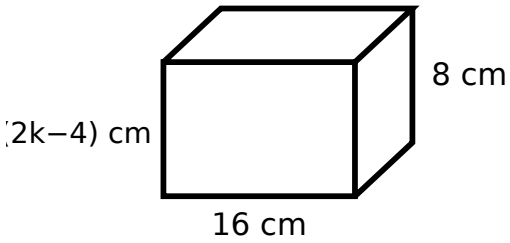
- ['Soap: 2 x 3,500 = 7,000 ✓M1', 'Milk: ½ x 8,000 = 4,000 ✓M1', 'Oil: 2 x 6,000 = 12,000 ✓M1', 'Spent: 7,000 + 4,000 + 12,000 + 10,000 = 33,000 ✓M1', 'Saved: 50,000 − 33,000 = shs 17,000 ✓A1']

- 2 tablets of soap at shs 3,500 per tablet
- 500 grams of powdered milk at shs 8,000 per kg
- 2 litres of cooking oil at shs 6,000 per litre
- Data bundle at shs 10,000

Calculate the remaining amount of money that Mr. Rwampara saved. *(5 marks)*

Soap: 2 x 3,500 = 7,000 ✓M1
Milk: ½ x 8,000 = 4,000 ✓M1
Oil: 2 x 6,000 = 12,000 ✓M1
Spent: 7,000 + 4,000 + 12,000 + 10,000 = 33,000 ✓M1
Saved: 50,000 − 33,000 = shs 17,000 ✓A1

23. The diagram below shows a cuboidal box of height 10 cm. Use it to answer the questions that follow.



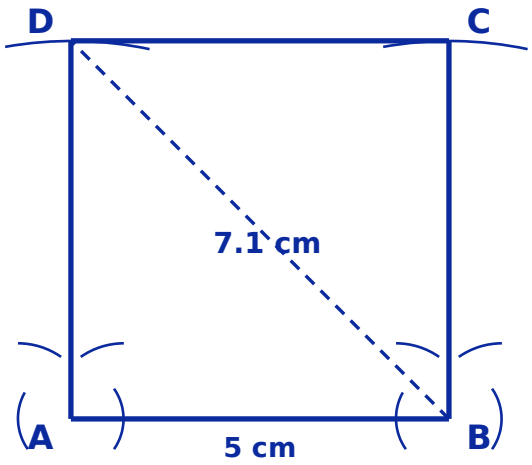
a) Find the value of k. *(2 marks)*

2k − 4 = 10 ✓M1
2k = 14, k = 7 ✓A1

b) Work out the volume of the box. *(2 marks)*

V = L x W x H = 16 x 8 x 10 ✓M1
= 1,280 cm³ ✓A1

24. a) Using a pair of compasses and a ruler only, construct a square ABCD in which AB = 5 cm. *(4 marks)*



✓ B1 B1 B1 B1 | B1

b) Measure the length of the diagonal BD. *(1 mark)*

BD = 7.1 cm ✓ B1

25. A school bought a rectangular piece of land measuring 15 m by 8 m. Use this information to answer the questions that follow.

a) Work out the perimeter of the land. *(2 marks)*

P = 2(15 + 8) ✓ M1

= 46 m ✓ A1

b) Find the area of the land. *(3 marks)*

A = L x W = 15 x 8 ✓ M1

= 120 m² ✓ M1 ✓ A1

26. Ketra is 4 years older than her brother Louis. Their total age is 10 years. How old is each child? *(4 marks)*

Let Louis = x, Ketra = x + 4 ✓ B1

x + x + 4 = 10 ✓ M1

2x = 6, x = 3 ✓ M1

Louis = 3 yrs, Ketra = 7 yrs ✓ A1

27. Allan rode his bicycle from home at a speed of 28 km/h for 3 hours to town B where he arrived at a quarter past 11 o'clock in the morning.

a) At what time did Allan leave home for town B? *(2 marks)*

11:15 a.m. – 3 hrs ✓ M1

= 8:15 a.m. ✓ A1

b) What is the distance between Allan's home and town B? *(3 marks)*

D = S x T = 28 x 3 ✓ M1 ✓ M1

= 84 km ✓ A1

28. a) Work out: $312_{five} + 123_{five}$ *(2 marks)*

$312_{five} + 123_{five} = 440_{five}$ ✓M1 ✓A1

b) Convert 113_{five} to base ten. *(2 marks)*

$113_{five} = (1x25) + (1x5) + (3x1)$ ✓M1

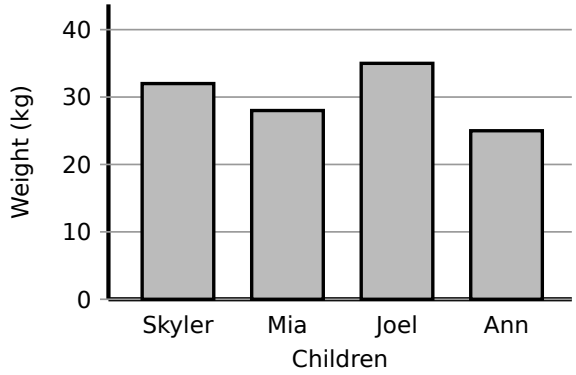
$= 33_{ten}$ ✓A1

c) Write the place value of 2 in 201_{five}. *(2 marks)*

The 2 is in 5^2 place ✓M1

Place value = 25 ✓A1

29. The bar graph below shows the weights, in kilograms, of some children. Study it and use it to answer the questions that follow.



a) What is the weight of the lightest child? *(1 mark)*

25 kg ✓B1

b) Convert Skyler's weight to grammes. *(2 marks)*

32 x 1,000 ✓M1

= 32,000 g ✓A1

c) Calculate the average weight of all the children. *(3 marks)*

(32 + 28 + 35 + 25) ÷ 4 ✓M1

= 120 ÷ 4 ✓M1

= 30 kg ✓A1

30. Three men, Kasolo, Kabale and Owinyi, were hired to dig on a plantation. They were allocated the same size of land to dig. The part of land dug by each man on the first day was: Kasolo $\frac{1}{4}$, Kabale $\frac{3}{5}$ and Owinyi $\frac{3}{10}$. Determine which one of the men dug the largest part on the first day. *(4 marks)*

LCD = 20

Kasolo = 5/20, Kabale = 12/20, Owinyi = 6/20 ✓M1 ✓M1 ✓M1

Kabale dug the largest part ✓A1

31. A market vendor used shs 40,000 to buy a basket of ten pineapples. Seven of them were large and the rest were medium size. She later sold each large pineapple at shs 5,000 and each medium pineapple at shs 3,000. Calculate the profit she got after selling all the pineapples. *(6 marks)*

Large: 7 x 5,000 = 35,000 ✓M1
Medium: 3 x 3,000 = 9,000 ✓M1
Sales = 35,000 + 9,000 = 44,000 ✓M1
Profit = 44,000 – 40,000 ✓M1
= shs 4,000 ✓A1

32. a) An athlete made $3\frac{1}{4}$ runs around a circular running field. Find the total number of degrees she covered in all the runs. *(2 marks)*

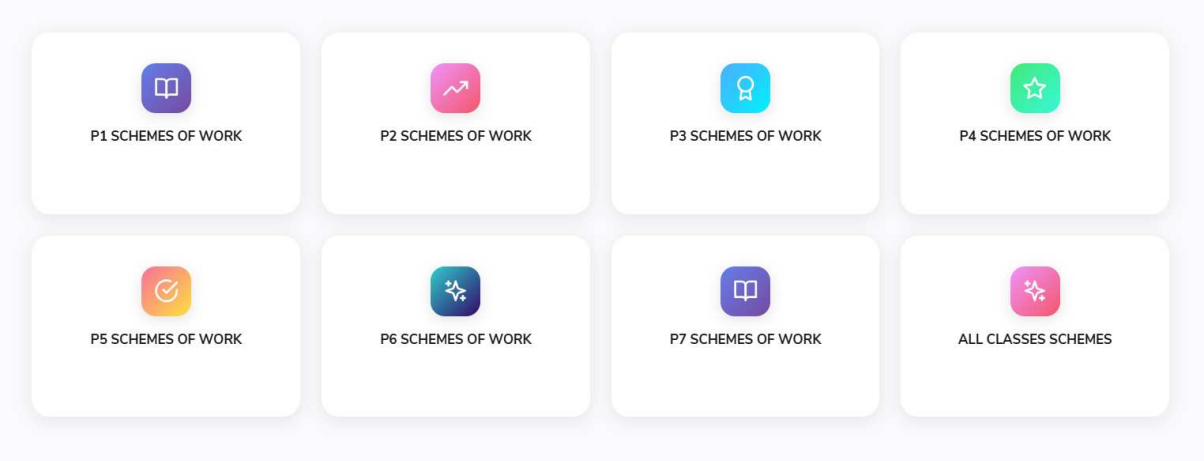
$3\frac{1}{4}$ x 360° = 13/4 x 360° ✓M1
= 1,170° ✓A1

b) Three angles on a straight line measure (y + 30)°, (y + 20)° and 40°. Find the value of y. *(3 marks)*

(y + 30) + (y + 20) + 40 = 180 ✓M1
2y + 90 = 180 ✓M1
2y = 90, y = 45 ✓A1

END

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