

MID – TERM III (2012) EXAMS
MATHS FOR P.5

NAME: _____ **STREAM:** _____

SECTION A.

1. **Add:** $213 + 64$

7. Write the next number:
1, 4, 7, 10, 13, _____

8. Given that;
 $R = \{2, 3, 4, 6, 8\}$
 $Q = \{1, 2, 3, 4, 5\}$

Find $R \cap Q$

2. Find the value of 4 in the number
8,432

9. Simplify: $3a + 3b + a - 2b$

3. Change **49** to roman numerals.

10. Round off **478** to the nearest tens.

4. Find the L.C.M of 8 and 12.

11. Solve: $y + 3 = 7$

5. Find the area of the figure.

12. Work out: $\frac{1}{2} + \frac{1}{3} =$

6. Work out: $\begin{array}{r} 414_{\text{five}} \\ + 31_{\text{five}} \\ \hline \end{array}$

13. 3 books cost Sh. 900.

Find the cost of 5 books.

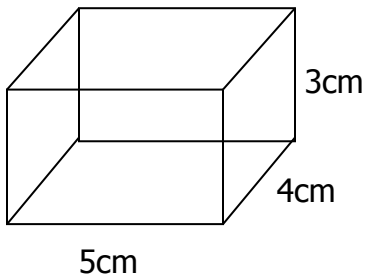
3 years older than Andrew. How old is Amos?

14. Change $4\frac{1}{2}$ to improper fraction.

18. Divide:

$$2 \overline{) 1212}$$

15. Calculate the volume of the cuboid.



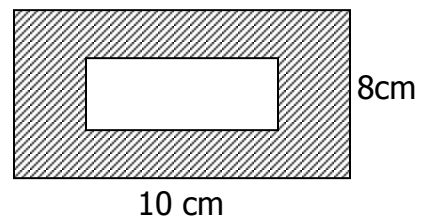
19. If $a = 3$, $b = 5$.
Find the value of ab .

20. How many subsets are in Set K.
Set $K = \{e, a, t\}$

16. Opio bought a shirt at Sh. 10,000 and sold it at Sh. 12,000.
Find his profit.

SECTION B.

21. Study the figure below answer questions that follow.



(a) Find the area of the outer rectangle.

17. Andrew is 12 years old. Amos is

(b) Find the area of the inner rectangle.

(c) Work out the area of the shaded part.

22. Moses bought the following items.
2 books at Sh. 2000 each.
3 pens at Sh. 500 each.
2 rulers at Sh. 1000 each.

(a) Find his total expenditure.

(b) If he went with Sh. 10,000.
Find his balance.

23. Given sets.

$$A = \{a, b, c, d, e\}$$

$$B = \{a, e, i, o, u\}$$

(a) Show the sets on the venn diagram.

(b) Find $(A - B)$

(c) Find $n(A \cup B)$

24. A boy scored the following marks.
60, 50, 40, 90.

(a) What was his total mark?

(b) Work out the range.

(c) Calculate his mean mark.

25. (a) Write **6,783** in words.

(b) Find the Greatest common factor (GCF) of 14 and 21.

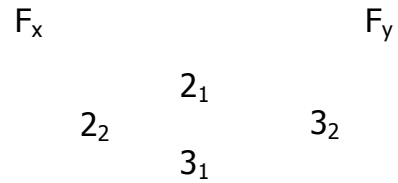
26. Out of 50 members in the club, $\frac{2}{5}$ are men.

(a) How many men are there?

(b) How many women are there?

(c) How many more women than men are there?

27. The diagram below show prime factors of two numbers.



(a) Find the value of x.

(b) Find the value of y.

(c) Find the GCF of x and y.

28. Use the symbols $<$ $>$ or $=$ to complete the statements.

(a) 2×2 _____ $2 + 2$

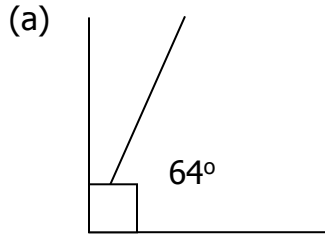
(b) $+ 10$ _____ $- 10$

(c) 2 dozens _____ 12 items.

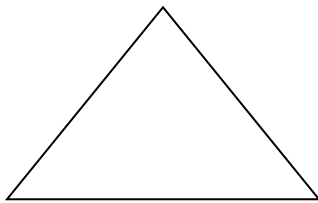
(d) 7 weeks _____ 7 days.

(c) Find the sum of the largest and smallest numbers.

29. Calculate the value of the unknown angles.



(b)



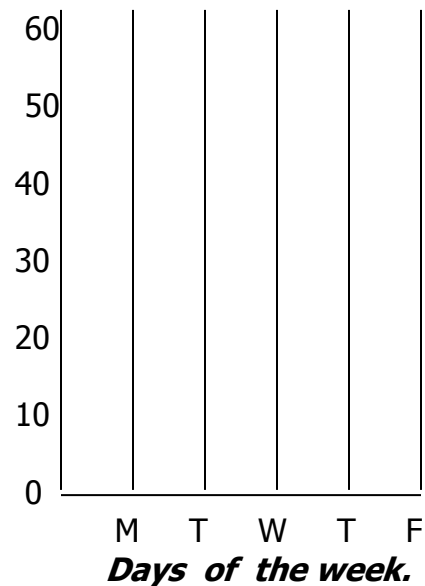
31. (a) **Add:**

$$\begin{array}{r} 284,675 \\ + 108,816 \\ \hline \end{array}$$

(b) **Subtract:**

$$\begin{array}{r} 990012 \\ + 111004 \\ \hline \end{array}$$

32. The graph below shows the attendance of P.5 pupils in a week.



(a) Which day had the highest attendance

(b) How many pupils were present on Thursday?

(c) Which two days had the same attendance?

30. Given the digits; **3, 2, 5.**
(a) Form the biggest number.

(b) Form the smallest number.

**** The End. ****