

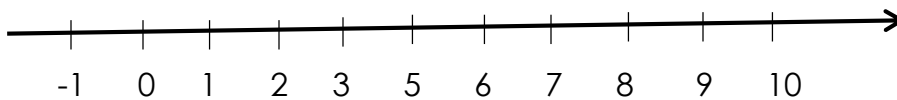
**MOTHERCARE PREPARATORY SCHOOLS**  
**REVISION WORK III – 2020**  
**P.6 MATHEMATICS**

Name: \_\_\_\_\_ Stream \_\_\_\_\_

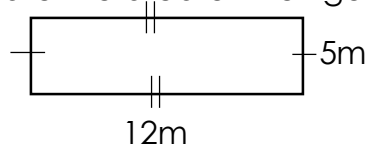
**WEEK ONE**

**Exercise 1**

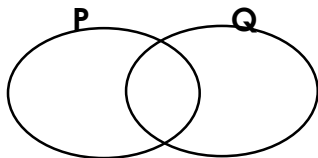
1. Add:  $243 + 35$
2. Solve for X:  $x + 6 = 7$
3. Write 1439 in words.
4. Represent +6 on the number line below.



5. Calculate the area of the figure below.



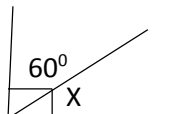
6. A class has 41 girls and 26 boys. How many pupils are in the class?
7. What is the place value of 4 in the figure 3496?
8. Convert 42kg to grams.
9. Shade  $P \cap Q$  in the Venn diagram below.



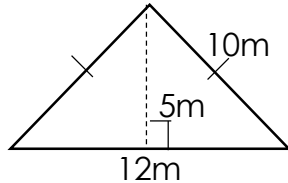
10. A book costs sh. 450. What is the cost of 4 similar books?

**Exercise 2**

1. Subtract:  $74 - 41$
2. Add:  $\frac{1}{3} + \frac{1}{4}$
3. Expand 237 using values.
4. Find X.

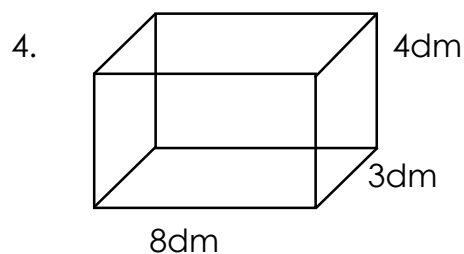


5. In a class of 60 pupils,  $\frac{1}{3}$  of them are girls and the rest are boys.
  - (a) What fraction are boys?
  - (b) How many girls are in the class?
  - (c) How many boys are in the class?
6. Change  $2\frac{3}{7}$  into an improper fraction.
7. Write the next numbers in the sequence; 2, 5, 8, 11, \_\_\_\_\_, \_\_\_\_\_
8. Find the area of the figure below:



### Exercise 3

1. Divide:  $32 \div 8$
2. Find the median of the following 3, 5, 4, 9, 2, 7, 8.
3. Dan used the digits 3, 2 and 5 to form 3 digit numbers.
  - a. List down all the possible digit numbers that Dan formed.
  - b. List down all the odd numbers formed.



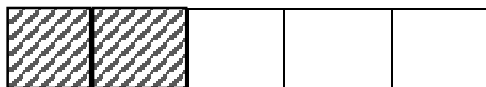
- a. How many
  - (i) faces
  - (ii) vertices
  - (iii) edges has the figure.

b. Find the volume of the above figure.

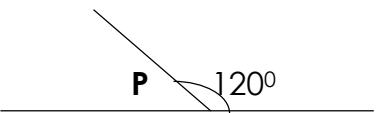
5. Convert 34000g to Kg.

### Exercise 4

1. Write 24 in Roman numerals.
2. Describe the un shaded region.



3. Round off 439 to the nearest tens.
4. Multiply:  $52 \times 7$

5.  Find **P**

6. Subtract:  $\frac{3}{4} - \frac{1}{3}$

7. A bag contains 4 red pens and 6 green pens. What is the probability of picking a green pen from the bag at random?

8. Simplify:  $3X + 5Y + 4X + 2Y$

9. Solve:  $-4 + 7$

10. Find the L.C.M of 5 and 7.

### Exercise 5

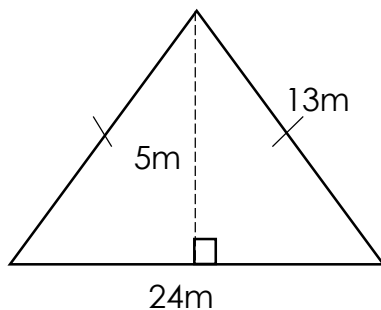
1. Set **A** = {a, b, c}. How many subsets has set A?

2. If  $P = 2$ ,  $R = 3$  and  $T = 4$ .

Evaluate: (I)  $P+R+T$

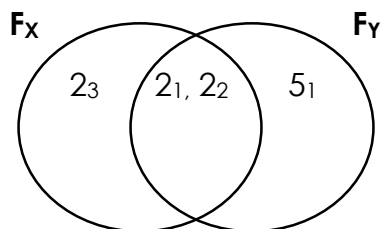
(II)  $PRT$

3. Find the distance around the figure below.



4. Babiye is the seventh girl from either side of the line. How many girls are on the line?

5. Study the figure below.



a. Find the value of

(I) X

(II) Y

b. Find the (i) G.C.F of X and Y.

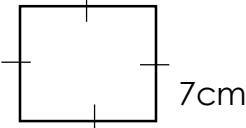
(ii) L.C.M of X and Y.

6. Write twenty four thousand two hundred sixty nine in figures.

7. What is the place value of 4 in the figure 25.47?

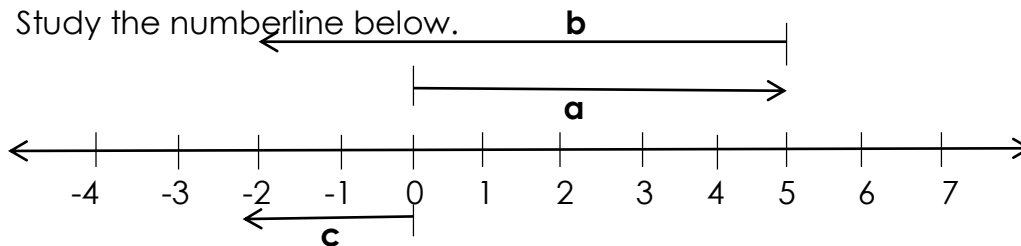
## WEEK TWO

### Exercise 1

- Add:**  $498 + 13$
- A farmer had 679 animals and 242 animals died. How many animals did the farmer remain with?
- Set  $X = ( \square, \bigcirc )$ . List down all the subsets of set X.
- Calculate the area of the figure below.  

- In a class of 120 pupils,  $\frac{1}{6}$  of them are girls and the rest boys.
  - What fraction are boys?
  - How many girls are in the class?
  - How many more boys than girls are in the class?
- Open brackets:  $2(X + 3)$
- What is the product of 7 and 8?

### Exercise 2

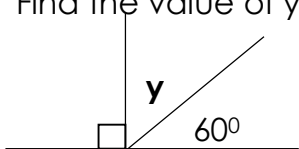
- Multiply:  $56 \times 3$
- Find the G.C.F of 6 and 8.
- Study the numberline below.



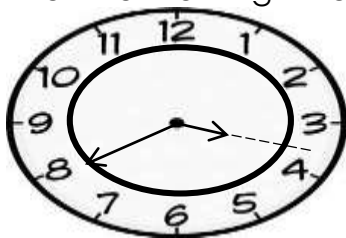
- Write the integers represented on the arrows.  
(i)  $a =$  \_\_\_\_\_ (ii)  $b =$  \_\_\_\_\_ (iii)  $c =$  \_\_\_\_\_
  - Write the mathematical statement represented on the numberline.
- The cost of 5kg of sugar is sh. 25,000. Calculate the cost of 9 similar kilograms of sugar?
  - The inspector of schools distributed 360 text books to 6 schools. How many books did each school get?
  - Solve  $3 + 4 =$  \_\_\_\_\_ (mode 5)

### Exercise 3

1. What is the quotient of 20 and 4?
2. Find the value of  $y$ .



3. Find the sum of the first five prime numbers.
4. Tell the morning time shown on the clock face below.



5. Construct a rectangle **ABCD** such that **AB** = 6cm and **BC** = 4cm.  
b. Measure diagonal **AC**.
6. Write the next number in the sequence;  
1, 3, 6, 10, 15, \_\_\_\_\_

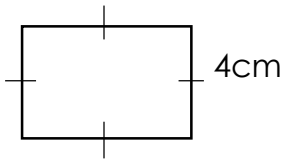
### Exercise 4

1. Tim bought a radio at sh. 40,000 and sold it at sh. 55,000. How much profit did he make?
2. Multiply:  $\frac{1}{3} \times \frac{1}{5}$
3. Find the square root of 32.
4. Construct an angle of  $60^\circ$ .
5. Lyn scored marks in series of 40, 60, 20, 40, 50.  
a. Find the (i) Range (ii) Median  
(iii) Modal mark (iv) Mean mark
6. List down the factors of 12.

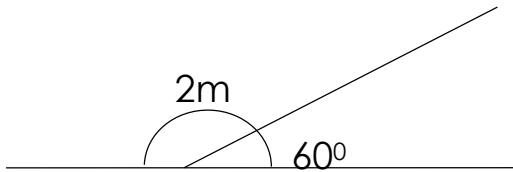
### Exercise 5

1. Add:  $246 + 24$
2. Simplify:  $-4 + -2$
3. Multiply:  $24 \times 3$
4. Set  $M = \{a, b, c\}$ . How many subsets are in set  $M$ ?
5. Write XLVII in Hindu – Arabic numerals.
6. Workout:  $\frac{1}{2} + \frac{1}{3}$

7. Find the next number in the sequence below: 2, 3, 5, 7, \_\_\_\_\_.
8. Change 250 grams to kilogrammes.
9. Work out the area of the figure below.



10. Set  $M = \{1, 2, 3, 4, 5, 6\}$   
 $N = \{0, 2, 4, 6, 8, 9\}$ 
  - a. Find  $M \cup N$
  - b. Find  $n(N)$
  - c. Find  $M \cap N$
11.
  - a). Solve for X:  $2X = 4$
  - b). Find the value of  $m$  in degrees.

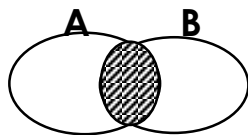


12. Namuli bought a cow at sh. 120,000 and sold it at sh. 100,000. Find her loss.

### WEEK THREE

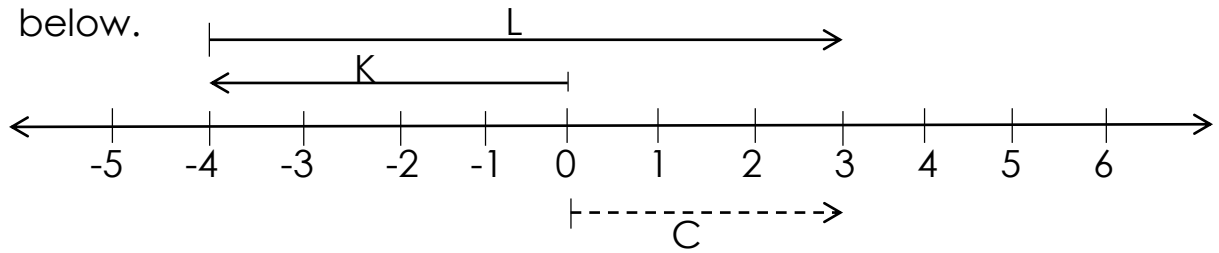
#### Exercise 1

1. Write 12349 in words.
2. Express 49 in Roman numerals.
3. Simplify:  $3b - 5d + b + 9d$
4. Describe the shaded region in the figure below.

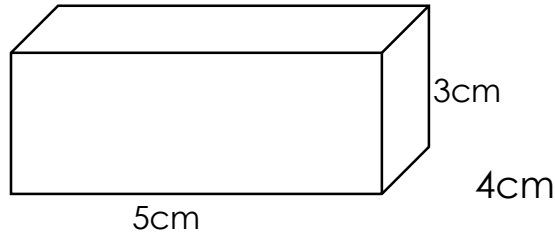


5. Change  $1\frac{1}{2}$  to an improper fraction.
6. Write down the place value of each digit in the number below.  
 $70467$
7. Use  $>$ ,  $<$  or  $=$  to complete the statements below.
  - (i)  $+2$  \_\_\_\_\_  $-2$
  - (ii)  $-1b$  \_\_\_\_\_  $-2$
  - (iii)  $+15$  \_\_\_\_\_  $15$
  - (iv)  $+10$  \_\_\_\_\_  $0$

8. Write down the mathematical sentence for the numberline below.

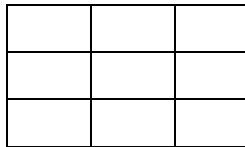


9. Solve for K:  $-2k = 8$
10. Workout the volume of the figure below.

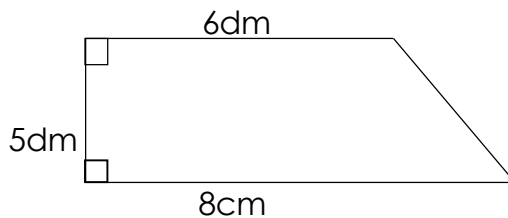


### Exercise 2

- Expand 867 in value form.
- Round off 8967 to the nearest hundreds.
- A lesson started at 8:30a.m and lasted for 40 minutes. At what time did it end?
- Shade  $\frac{3}{4}$  of the diagram below.



- Simplify:  $-4 - -7$
- Workout the area of the figure below.

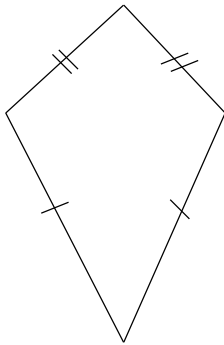


- Round off 674 to the nearest thousands.
- Express 126 in Roman numerals.
- If set  $P = (1, 2, 3, 4, 5, 7)$  and  $Q = (2, 3, 4, 5, 8)$ .
  - What is  $P \cap Q$
  - How many elements does  $P \cap Q$  have?
  - List the elements in  $Q - P$ .

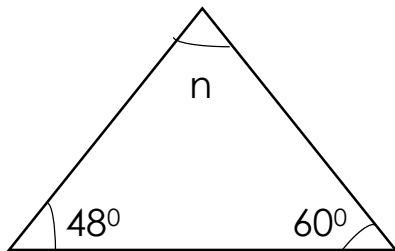
10. Find the value of 7 in the number 57612.

### Exercise 3

1. Add:  $346 + 98$
2. Change 0.5 to a common fraction to its lowest terms.
3. Set  $M = (a, b, c)$ . Find the number of subsets in set M.
4. Write "Thirty thousand thirteen" in figures.
5. Simplify:  $3X - 2Y + 5X + 7Y$
6. Workout:  $-2 - -5$
7. Find the next number in the sequence:  
5, 7, 10, 14, 19, 25, \_\_\_\_\_
8. How many lines of folding symmetry does the figure below have?



9. Given that  $F_x = (2_1, 3_1, 3_2, 3_3)$ . Find the value of X.
10. Find the size of angle n in the figure below.

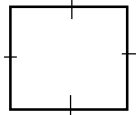


### Exercise 4

1. Write 93,219 in words.
2. What is  $\frac{1}{2}$  of 60?
3. Round off 64.37 to the nearest tenths.
4. Workout:  $947 - 381$
5. Find the reciprocal of  $\frac{3}{4}$ . (Show the working)
6. Expand 90249 in value form.



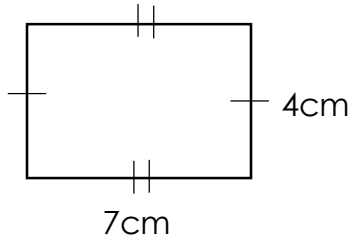
7. Draw all the possible lines of symmetry in the figure below.



8. Kutesa scored the following marks in maths tests:  
70, 90, 70, 60, 80, 70,
- What was his modal mark?
  - Find the range.
  - Calculate the mean mark.
  - State the median mark.

### Exercise 5

- Find the value of digit 8 in the number 4893.
- Namalili is the 4<sup>th</sup> in the line from either sides. How many people are in the line?
- Simplify:  $+4 - -3$
- Workout the area of the figure below.



- In a class of 64 pupils,  $\frac{3}{4}$  are boys;  
(a) What is the fraction of girls?  
(b) Find the number of boys in the class
- Represent 2054 on an abacus.
- Joel bought twelve mangoes at sh. 1000 for every mango.  
How much money did he pay?
- Solve for **K**:  $3k = 18$
- Arrange the integers below in ascending order;  
 $+3, 0, -3, +1, +6, -2$
- A man travelled from Kampala to Mbarara in 4hours at a speed of 120km/hr.  
Find the distance he covered.

**\*THE END\***