

MOTHERCARE PREPARATORY SCHOOLS

P.5 MATHEMATICS REVISION WORK - 2020

NAME: _____ STREAM: _____

WEEK ONE

EXERCISE 1

1. Add:
$$\begin{array}{r} 1 \quad 2 \\ + 2 \quad 7 \\ \hline \end{array}$$

2. Find the place value of 8 in 845.

3. Write 26 in Roman numerals.

4. Subtract:
$$\frac{6}{7} - \frac{2}{7}$$

5. Workout 8tens + 7ones.

6. Name this shape.



7. What is $\frac{1}{4}$ of 24?

8. Mike has three coins of shs. 1000 each. How much money does he have altogether?

9. Add: weeks days

$$\begin{array}{r} 4 \quad 5 \\ + 2 \quad 1 \\ \hline \end{array}$$

10. Find the next number in the sequence.

1 , 3 , 5 , 7 , _____

EXERCISE 2

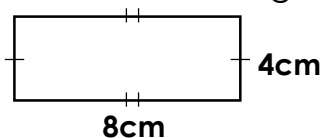
1. Add:
$$\begin{array}{r} 3 \quad 8 \quad 4 \\ + 4 \quad 5 \\ \hline \end{array}$$



2. Expand 329 using values.

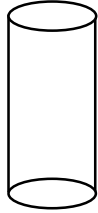
3. Solve: $x + 4 = 16$

4. If 1m = 100cm. Change 3m to cm

5. Find the area of this figure.

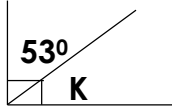


6. Given that  represents 10 trees. How many trees are represented by  ?
7. Given that set $m = \{a, b, c, d, e\}$
Find $n(m)$
8. Multiply: 4×3
9. The radius of a circle is 5cm. Find the diameter of the circle.
10. Name the shape below.

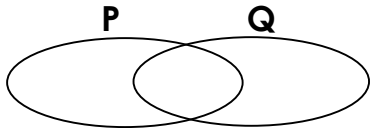


EXERCISE 3

1. Add: $33 + 27$
2. List down all the factors of 12.
3. Add: $\frac{1}{2} + \frac{1}{3}$
4. Simplify: $2x + x + 3x$
5. Find the value of **K** in the figure.



6. Write XLV in Hindu Arabic numerals.
7. In the diagram below shade $Q - P$.

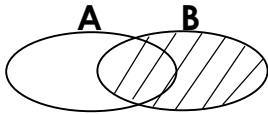


8. Write 1009 in words.
9. Divide $144 \div 6$
10. Round off 439 to the nearest tens.

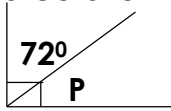
EXERCISE 4

1. Add:
$$\begin{array}{r} 42 \\ + 36 \\ \hline \end{array}$$
2. Find the Lowest Common Multiple (LCM) of 6 and 8.
3. Subtract:
$$\begin{array}{r} 63 \\ - 41 \\ \hline \end{array}$$

- What number has been expanded to get $6000 + 40 + 6$?
- Describe the shaded region in the diagram below.



- Find the missing number in the box.
 $\square - 8 = 12$
- Write the place value of 3 in the number 3216.
- Calculate the size of angle marked **P**.



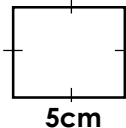
- Work out: $12 - 8 + 4$
- Round off 429 to the nearest tens.

EXERCISE 5

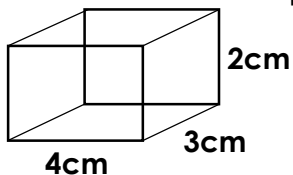
- Add: $274 + 207$
- If $x = \{0, 2, 4, 6\}$
Find $n(x)$
- Write 3027 in expanded form using place values.
- Express XLIX in Hindu Arabic numerals.
- Given the set $M = \{\text{the first four even numbers}\}$
List the members of set **M**.
- How many days are in 2 weeks?
- Name the figure below.



- Draw a line segment of 5cm.
- Find the area of the shape below.



- The diagram below of a shape drawn in one of the P.5 classrooms.
Use it to answer questions.



- Name the shape above.
- Find the number of;
 - faces _____
 - vertices _____
 - edges _____
- Calculate the volume of that figure.

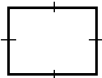
WEEK TWO

EXERCISE 1

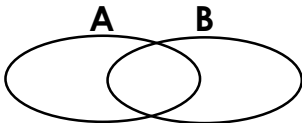
1. Work out:
$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$
2. Write in figures Three thousand two thousand forty two.
3. Simplify: $6a - 4a + a$
4. Write 54 in roman numerals.
5. One pen costs shs. 400. Find the cost of 4 similar pens.
6. Change 700cm to metres.
7. Subtract: $\frac{5}{9} - \frac{3}{9}$
8. Change $2\frac{2}{5}$ to an improper fraction.
9. Given that $\mathbf{C} = \{2, 7, 10, 17\}$ and $\mathbf{D} = \{5, 6, 7, 11, 15\}$
Find $\mathbf{C} \cap \mathbf{D}$
10. Given $4\frac{3}{7}$ what name is given to 3 ?

EXERCISE 2

1. Subtract 45 from 100.
2. How many lines of folding symmetry does the figure below have?



3. Divide 164 mangoes equally among 4 boys.
4. Given that $p=4$ and $q=3$. Find the value of pq .
5. In the venn diagram below shade $A \cap B$.



6. Find the next number in the sequence 1, 3, 6, 10, _____
7. Find the LCM of 6 and 9.
8. Given the digits 9, 4, 3, 8.
 - a) Form the biggest numeral from the digits above.
 - b) Form the smallest numeral from the digits above.
 - c) What is the sum of the smallest and the biggest numerals formed above?
 - d) Work out the difference between the largest and the smallest numerals formed.

EXERCISE 3

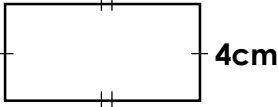
1. What is the sum of 18 and 12?
2. Simplify $2a + 3y + 5a + 4y$
3. Write 1456 in words.
4. Share 96 oranges among three pupils.
5. Subtract:

Hours	min
3	30
- 1	40
6. Work out: $\frac{1}{2} + \frac{1}{3}$
7. Solve for y: $2y + 5 = 15$
8. A taxi carries 14 passengers in one trip. How many people will it carry in 5 trips?
9. Given the numeral 8692.
 - a) What is the place value of 6 in the numeral above?
 - b) What is the value of 8 in the above numeral?
 - c) Find the sum of the value of 6 and place value of 9 in the number above.

EXERCISE 4

1. Add:

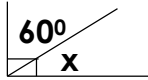
2	3	4
+	1	3
2. Work out: $\frac{3}{5} - \frac{2}{5}$
3. In the space below, draw a symbol of an empty set.
4. Convert 3kg to grams.
5. Find the difference between 250 and 25?
6. Tom has 2 coins of five hundred shillings. How much money does he have?
7. Ketty's belt measures 56cm. if 10cm is cut off, what length will remain?
8. Find the area of the figure.



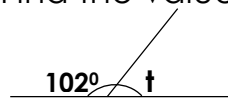
6cm 4cm
9. Hellen is 10 years old. Herman is 5 years older than Hellen.
 - a) How old is Harman?
 - b) Find their total age.
 - c) Find the product of their age.

EXERCISE 5

1. Add: $146 + 30$
2. Set $A = \{a, b, c, d, e, f\}$
Find $n(A)$
3. Work out:
$$\begin{array}{r} 125 \\ \times 5 \\ \hline \end{array}$$
4. Solve: $y + 4 = 10$
5. Add: $\frac{1}{7} + \frac{2}{7}$
6. What is the place value of 6 in the numeral 2689?
7. Write 69 using Roman numerals.
8. Find the value of x in degrees.



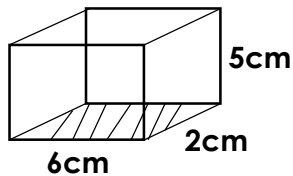
9. Add:
$$\begin{array}{r} 214_{\text{five}} \\ +132_{\text{five}} \\ \hline \end{array}$$
10. Find the value of t .



WEEK THREE

EXERCISE 1

1. Write in expanded form 132_{five}
2. What is the place value of 2 in 423_{five} ?
3. Change 41_{five} to base ten.
4. Study the figure below and answer the questions that follow.



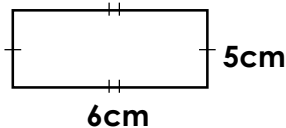
- a) Name the figure above.
 - b) Find the area of the shaded face.
 - c) Calculate its volume.
5. List down all the multiples of 5 less than 46.
 6. Find the LCM of 5 and 4.
 7. Find the GCF of 6 and 15.
 8. Use a pencil and a pair of compasses only, construct a circle of radius 4cm.

EXERCISE 2

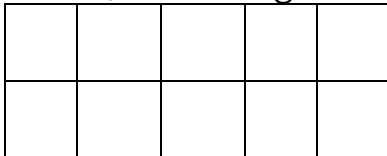
1. Find the complement of 37° .
2. Subtract: $1 - \frac{5}{9}$
3. Divide: $96 \div 2$
4. The population of Munyonyo village is 37691 people and the population of Bunamwaya village is 28760.
 - a) How many more people are in Munyonyo village than Bunamwaya village?
 - b) Find the total population of the two villages.
5. Use $<$, $>$ or $=$ to complete the following.
 - a) A fortnight _____ 14 days
 - b) 3×7 _____ $7 + 3$
 - c) 28 _____ XII
 - d) 2 dozen _____ 12 pens

EXERCISE 3

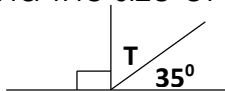
1. List down all the factors of 16.
2. John moved round the figure below once. What distance did he cover?



3. Three girls shared 36 mangoes equally. How many mangoes did each girl get?
4. Shade $\frac{3}{5}$ of the figure below.





5. Write 3942 in words.
6. Find the size of angle T.



7. Keith bought a radio at sh. 20,000 and later sold it at sh. 22,000. What was his profits?
8. Add: $\frac{1}{2} + \frac{1}{3}$
9. Bob tossed a coin once. What is the probability of getting a head showing up?
10. Work out:
$$\begin{array}{r} 1 \text{ 2}_{\text{five}} \\ + 2 \text{ 3}_{\text{five}} \\ \hline \end{array}$$

EXERCISE 4

1. Work out:
$$\begin{array}{r} 40 \\ + 23 \\ \hline \end{array}$$
2. Add:

Weeks	Days
2	2
+ 3	6
3. Jane has 45 books in the store. Express her books in Roman numerals.
4. Change $\frac{24}{7}$ into a mixed number.
5. If  represents 15 apples, how many apples are represented by  ?
6. Use a ruler, a pencil and a pair of compasses only, construct an angle of 90° in the space below.
7. Find the value of 3 notes of two thousand shillings each.
8. Write in short 5 boys + 4 girls – 2 boys.
9. Write Seventeen thousand, nine hundred six in figures.
10. Set Q = {all the vowel letters}
List the elements in set Q?

EXERCISE 5

1. Express 4 metres to centimetres.
2. Solve: $\frac{X}{6} = 4$
3. Reduce $\frac{18}{24}$ in its simplified form.
4. Find the LCM of 9 and 12.
5. Divide: $7 \overline{)1414}$
6. What is the place value of digit 7 in 7365?
7. Expand 3765 in value form.
8. Write the single number from $(6 \times 10) + (7 \times 100) + (9 \times 1000)$
9. Subtract: $\frac{2}{3} - \frac{1}{4}$
10. Work out: $\frac{2}{3} \times \frac{3}{4}$

-End-