

MOTHERCARE PREPARATORY SCHOOLS

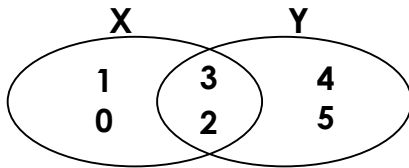
P.5 MATHS REVISION WORK III - 2020

NAME: _____ STREAM: _____

WEEK ONE

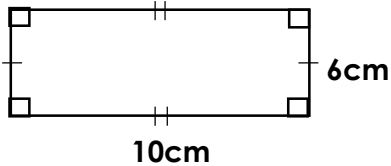
EXERCISE 1

- Express 6m into centimetres.
- Given the venn diagram below;



- Find $n(X \cap Y)$
- Find $n(X \cup Y)$

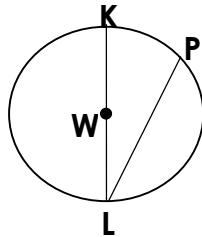
- Divide 276 by 3.
- Lule bought 6 cakes each at sh. 8500. How much did he pay altogether?
- Write 6725 in words.
- Find the area of the rectangle.



- Workout:

Wks	Days
4	3
+ 5	6

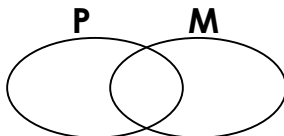
- Study the circle below.



- Name the lines marked;
(i) LP = _____ (ii) WL = _____
- The radius of the above circle is 7cm. Find its diameter.

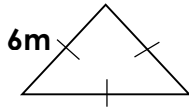
EXERCISE 2

- In the venn diagram below, shade set P.



- What is the place value of 3 in the number 5305?
- Express 115 in Roman numerals.
- Simplify: $2a + 3p + a + p$

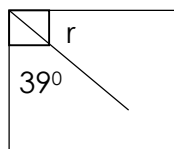
5. Calculate the distance round the triangle below.



6. Draw a symbol for an equivalent set.
 7. Represent 5029 on an abacus.
 8. Workout: $\frac{3}{9} + \frac{4}{9}$
 9. Change $2\frac{2}{3}$ to improper.
 10. Jackson bought a book at sh. 8,600 and sold it at sh. 4,900. Calculate his loss.

EXERCISE 3

1. Workout: $\frac{5}{9} - \frac{2}{9}$
 2. Convert 9km to metres.
 3. Reduce $\frac{12}{16}$ to the lowest form.
 4. Find the value of r in the figure below.



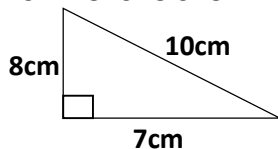
5. The cost of a plate is sh. 2400. Find the cost of 6 plates.
 6. Draw a line segment of 5cm.
 7. Workout: $3\overline{)432}$
 8. Given the number $5\ \underline{2}\ 0,\underline{9}\ \underline{8}\ 3$;
 a) What is the place value of 0?
 b) Find the value of the underlined digits.
 c) What is the sum of the value of the underlined digits?

EXERCISE 4

1. Add: $348 + 70$
 2. Write XXXIX in Hindu-Arabic numerals.
 3. Workout: $5 - 9 + 7$
 4. Change 3 hours to minutes.
 5. Workout:

Wks	Days
4	5
- 2	6

 6. Find the area of the figure below.



7. What is the radius of a circle whose diameter is 20cm?
8. Otima ate $\frac{1}{5}$ of a cake in the morning and $\frac{2}{5}$ of it in the afternoon.
 - a) What fraction of the cake did he eat?
 - b) What fraction remained?

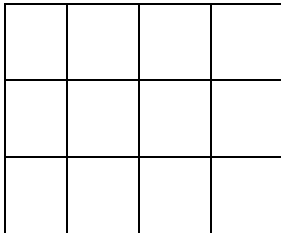
EXERCISE 5

1. Draw an angle of 90° using a protractor.
2. Construct an equilateral triangle of side 4cm.
3. Construct a rectangle of length 6cm and width 4cm.
4. Draw a circle of radius 5cm.

WEEK TWO

EXERCISE 1

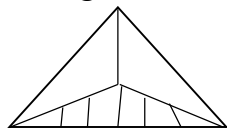
1. Divide 36 by 3.
2. Subtract $\frac{2}{8}$ from $\frac{7}{8}$
3. Find the area of the rectangle below.



4. What number has been expanded to give $(8 \times 100) + (0 \times 10) + (2 \times 1)$
5. If a pen cost sh. 650, find the cost of 4 pens.
6. Workout: $3\frac{3}{4} - 1\frac{1}{4}$
7. Julius slept for 240 minutes. For how many hours was he asleep?
8. Find the value of y .



9. Study the figure below.



10.
 - a) Name the above figure.
 - b) How many sides has the figure?

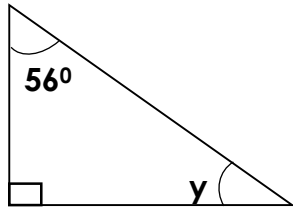
EXERCISE 2

1. Workout:

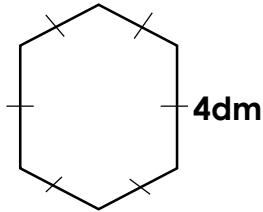
2	3	4	5	
+ 1	3	4	5	

2. If = 20 balls, How many balls are represented by ?
3. Convert 700cm to metres.
4. Draw a line segment AD of length 4cm.

5. Given that $K = \{1, 2, 3, 4, 5\}$ and $M = \{\text{all even numbers less than } 10\}$.
- Find set M
 - Find $n(K \cap M)$
6. Solve: $x + 4 = 13$
7. Workout for y .



8. Find the perimeter.



EXERCISE 3

- Multiply: 29 by 5.
- Find the value of 7 in 60709.
- Hellen answered 7 out of 9 questions correctly what fraction did she fail?
- In the space below draw a circle of radius 3cm.
- A mobile phone was bought at sh. 60,000 and sold at sh. 75,000. How much profit was made?
- Write down all factors of 12.
- How many quarter litre cups will fill a 12 litre container?
- Find the LCM of 4 and 7.
- Study and complete the magic square below.

8	—	6
—	5	—
4	9	2

EXERCISE 4

- Draw a symbol of a null set in the space below.
- Divide 4260 by 6.
- Express 34_{five} as base ten.
- Akok tossed a coin. What is the probability of having a head on top?
- Which number has been expanded to give $20,000 + 600 + 80 + 7$?
- Round off 4783 to the nearest hundreds.
- A box contains 4 red balls, 3 white balls and 5 green balls. What is the probability of having a white ball in the box?
- Arrange $\frac{1}{3}$, $\frac{4}{9}$ and $\frac{1}{6}$ in ascending order.

EXERCISE 5

1. Subtract 462 from 571.
2. Find the average of 8 and 6.
3. Write 46,209 in words.
4. Prime factorise 36.
5. If set $A = \{c, r, a, u, l\}$ and $B = \{b, e, a, c, k\}$. Find $n(A \cup B)$
6. Workout: $3 - 7 + 9$ of 2.
7. Write the place value of each digit in 143_{five} .
8. Add: $\frac{2}{5} + \frac{1}{3}$
9. Use the digits 4, 7, 5 and 0 ;
 - a) To form the smallest and biggest four digit number.
 - b) Workout the sum of smallest and biggest four digit number.

WEEK THREE

EXERCISE 1

1. What is the product of 14 and 5?
2. Write 41919 in words.
3. Workout

kg	g
8	90
+ 3	470
<hr/>	
4. Subtract 29 from 56 and give your answer in Roman numerals.
5. Subtract:

4	3	4 _{five}
- 1	4	4 _{five}
<hr/>		
6. Acheng tossed a die. What is the probability of having a prime number on top?
7. Workout: $\frac{5}{9} + \frac{4}{9}$
8. Arrange $\frac{1}{3}$, $\frac{2}{4}$ and $\frac{3}{5}$ in ascending order.

EXERCISE 2

1. Add $754.7 + 40.24$
2. Write 39 in Roman numerals.
3. What is the place value of 6 in 2467?
4. Express 0.24 as a common fraction.
5. Find the perimeter of a rectangle whose length is 12cm and width 9cm.
6. Draw a clockface to show 4:30.
7. What is the square root of 9?

8. a) Convert 48_{ten} in base five.

b) Add: $3\ 2\ 3_{\text{five}}$

$$\begin{array}{r} 3\ 2\ 3_{\text{five}} \\ + 1\ 1\ 4_{\text{five}} \\ \hline \end{array}$$

c) Subtract: $4\ 0\ 3_{\text{five}}$

$$\begin{array}{r} 4\ 0\ 3_{\text{five}} \\ - 1\ 2\ 2_{\text{five}} \\ \hline \end{array}$$

EXERCISE 3

1. Given that $a = 8$, $K = 4$ and $m = 6$

Evaluate;

(i) $a + k + m$

(ii) $(a + m) - k$

(iii) $(k \times m) \div 8$

2. Use $>$, $<$ or $=$ to complete the statements.

(a) 4×2 _____ $4 + 2$

(b) 30 _____ XXX

(c) $\frac{1}{2}$ of 4 _____ $\frac{1}{4}$ of 8

(d) 7^1 _____ 2^3

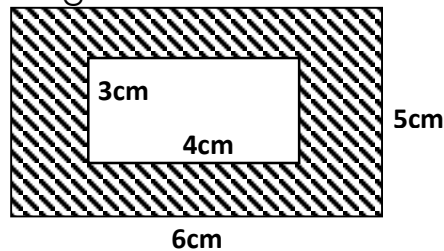
3. Expand 2459 using values.

4. Give the value of 5 in 6530.

5. What number has been expanded to get $(3 \times 10^1) + (5 \times 10^2) + (6 \times 10^3)$?

EXERCISE 4

1. Use the figure below to answer the questions that follow.







(i) Work out the area of the inner figure.

(ii) Find the area of the outer rectangle.

(iii) Calculate the area of the shaded part.

2. The graph below shows the number of balls given to four pupils in P.5.

Use it to answer the questions that follow.

Pupil	Number of balls
Jane	
Shamim	
Jamira	
James	

Given that  = 10 balls.

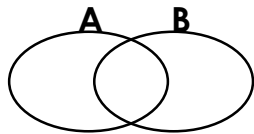
- (i) Which pupils got the same number of balls?
- (ii) What is the difference between the highest and lowest number of balls?
- (iii) Calculate the total number of balls given to all the pupils.

EXERCISE 5

1. Work out:

$$\begin{array}{r} 4 \quad 3 \\ \times \quad 2 \\ \hline \end{array}$$

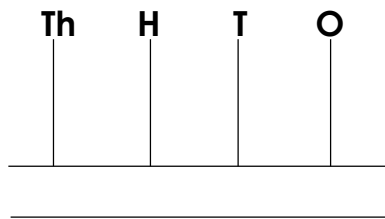
2. Shade the region A – B on the venn diagram below.



3. Given that $K = \{1, 2, 3, 4, 5\}$ and $M = \{2, 4, 6, 8\}$
Find $n(K \cap M)$

4. Using a protractor, draw an angle of 50° in the space below.

5. Represent 4502 on the abacus below.



6. Solve for y:

$$y + 4 = 10$$

7. Write 25 in Roman numerals.

8. Work out:

$$\begin{array}{r} 6 \quad 7 \quad 0 \quad 3 \\ - 3 \quad 8 \quad 7 \quad 6 \\ \hline \end{array}$$

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

10. Name the set symbols below.

a) \longleftrightarrow _____

b) $\{ \}$ _____

End