

KINGS SCHOOLS-KABOWA

P.O.Box 12170 Kampala

MATHEMATICS TOPICAL QUESTIONS FOR P.4

Week 1 (1st – 6th April 2020)

Name: Stream:

NUMERATION SYSTEM AND PLACE VALUE

- Give the place value of the underlined digit.
(a) 4 6 7 9
(b) 9 3 6 4
- Write the value of the underlined digit.
(a) 6 7 2 0
(b) 8 0 4 6
- Expand the following using place value method.
(a) 9 8 3 2
(b) 4 3 2 6
- Expand the following using the value method.
(a) 6602
(b) 743
- What number has been expanded to give?
(a) $3000 + 400 + 9$
 $(9 \times 1000) + (5 \times 100) + (2 \times 10) + (8 \times 1)$
- Find the sum of the values of 2 and 6 in 4296.
- Find the difference in the values of 3 and 7 in the number 3972.
- Write in words.
(a) 4034
(b) 44,444
- Write in figures.
(a) Thirteen thousand two
(b) Nine hundred twenty-four
- Round off the following as instructed
(a) 46 to the nearest tens.
(b) 150 to the nearest hundreds
- Change the following to Roman numerals.
(a) 39
(b) 14
(c) 40
- Change the following to Hindu – Arabic numerals,
(a) LVII
(b) XXIII
(c) XC
- Subtract XV from XXV.



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Week 2 (7th – 13th April 2020)

Name:Stream:

OPERATION ON NUMBERS

1. Work out the following

(a) $7464 + 425 =$

(b) 4622

$+ 5098$

2. Alice carried 349 books, her brother carried 578 books. How many books were carried altogether?

3. Juma is 14 years old. Alex is 5 years older than Juma.

(a) How old is Alex?

(b) Find their total age.

(c) How old will Juma be in 5 years' time from now?

4. Subtract 71 from 783.

5. What is the difference between 8,450 and 5307?

6. By how much is 96 greater than 707?

7. A school has 100 pupils, if 79 are girls, how many are boys?

8. Lubega is 15 years old. Steven is 4 years younger than Lubega.

(a) How old is Steven?

9. Find the sum of their ages. Work out the following;

(a) $24 \times 3 =$

(b) 15

$\times 10$

10. Complete the following correctly.

(a) $3 \times 2 = \underline{\quad} + \underline{\quad} + \underline{\quad}$
 $= \underline{\quad}$

(b) $4 + 4 + 4 + 4 + 4$
 $= \underline{\quad}$

11. A crate of soda holds 24 bottles of soda, how many bottles will 3 crates hold?

12. Divide 48 by 3.

13. Use repeated subtraction to work out:
 $12 \div 4$

14. Work out $3 \overline{)960}$

15. Share 42 mangoes amongst 6 children. How many does each get?

16. The headmaster bought 962 books to give equally to 8 classes.

(a) How many books did each class get?

(b) How many books remained?

17. Find the average of 4, 0, 2, 3, and 6.

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Week 3 (14th – 21st April 2020)

Name: Stream:

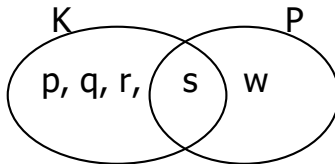
SET CONCEPT

1. (a) What is a set?

(b) Name the set below.

{1, 2, 3, 4, 5, -----}

2. Given set



(a) List down the members of set K.

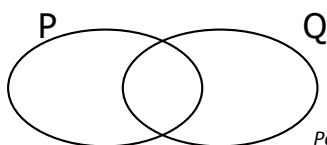
(b) How many members are in set K?

3. Draw the set symbols for;

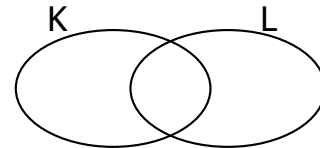
- (a) Matching sets
- (b) Null sets
- (c) Union sets
- (d) Subsets

4. Shade the given regions of the sets.

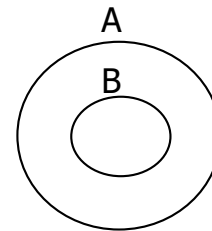
(a) $P \cap Q$



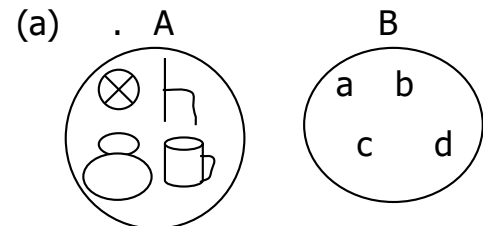
(b) $K - L$



(c) $A \cup B$



5. Use equal or equivalent sets.



Set A and set B are _____ sets .

(b) $P = \{d, o, g\}$

$Q = \{g, o, d\}$

Set P and set Q are _____ sets

6. If set $R = \{a, b, c\}$. List down any three subsets of set R.

7. Given that set



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

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

Find

(i) $M \cap N = \{ \underline{\hspace{4cm}} \}$

(ii) $M \cup N = \{ \underline{\hspace{4cm}} \}$

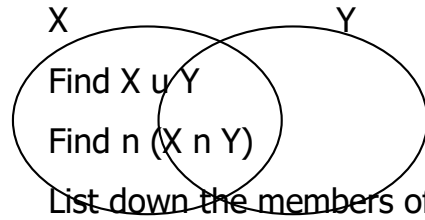
(iii) $N - M = \{ \underline{\hspace{4cm}} \}$

8. Given that;

$$X = \{1, 2, 3, 4, 5, \}$$

$$Y = \{0, 2, 4, 6, 8\}$$

(a) Represent the two sets on the venn diagram.



(e) How many elements are in set X only?

9. Give that set M

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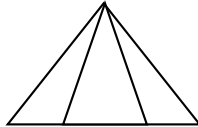
MATHEMATICS TOPICAL QUESTIONS FOR P.4

Week 4 (22nd – 29th April 2020)

Name:Stream:

PATTERNS AND SEQUENCES

1. How many triangles are in the figures below?



2. List down even numbers between 2 and 13.
3. Find the sum of the first 4 odd numbers.
4. Given that set
 $A = \{\text{counting numbers less than } 8\}$
 $B = \{\text{even numbers from } 2 \text{ to } 10\}$
- (a) List down the members of set.
- (i) $A = \{ \text{_____} \}$
- (ii) $B = \{ \text{_____} \}$
- (b) Find $A \cap B = \{ \text{_____} \}$
5. List down the first four multiples of each of the following numbers.
- (i) $M_3 = \{ \text{_____} \}$
- (ii) $M_5 = \{ \text{_____} \}$
- (iii) $M_{10} = \{ \text{_____} \}$

6. Find the L.C.M of;

- (a) 3 and 5
- (b) 4 and 6

- (c) 2, 3, and 6

7. Find the next number in the sequences.

(a) 0, 2, 4, 6, 8, _____

(b) 1, 3, 5, 7, 9, _____

(c) 1, 3, 6, 10, _____

(d) 20, 18, 16, 14, _____

8. Complete the multiplication table below

X	2	3	0	5
1	2			
2			0	
4		12		
6				30

9. Complete the magic square below.

9	b	7
a	6	8
5	c	d

- (a) Find the magic sum.

- (b) Find the value of;

(i) $a = \text{_____}$

(ii) $b = \text{_____}$

(iii) $c = \text{_____}$

(iv) $d = \text{_____}$

