Tekart Revision Series

Mathematics

Topical Questions

2

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NUMBERS TOPICAL QUESTIONS FOR P.2 TERM I NO. 1

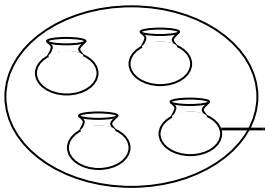
Theme one: Sets

1. What is a set?

_____

2. Things found in a set are called _____
3. Draw the symbol of an empty set.

4. Name this symbol ∩ _____
5. <u>Name these sets</u>.



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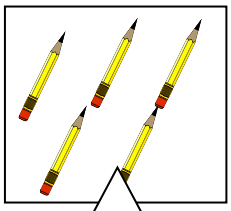

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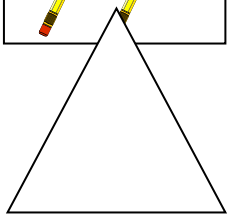

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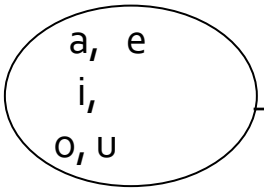


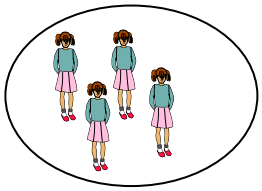
_____

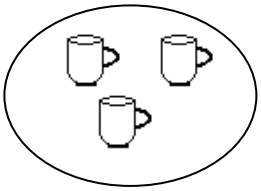
6. <u>Draw these sets</u>.
   (a) A set of six stools.

   (b) A set of three numbers.

   (c) An empty set.
7. Compare these sets using **more** or **less**.

A **B**



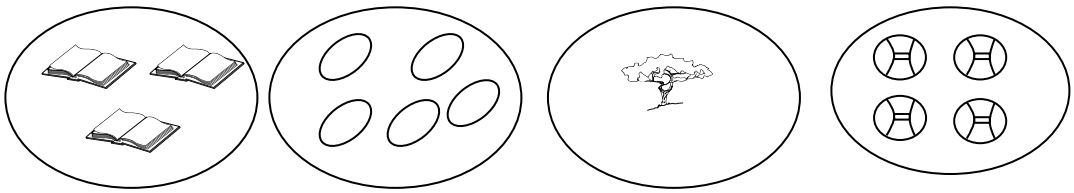


(a) Set B has _____ members.
(b) Set A has _____ members.
(c) Set _____ has less members than set _____
(d) Which set has more members _____
(e) How many members are there altogether?

_____

8. <u>Arrange these sets in ascending order</u>.

A **B** **C** **D**



(a) Set _____ comes first.
(b) Set _____ comes second.
(c) Set D comes _____
(d) Set _____ comes fourth.
(e) How many members are in set B?

_____

(f) How many members are there altogether?

_____

(g) Draw and arrange the sets in ascending order.

_____

NUMBERS TOPICAL QUESTIONS FOR P.2 TERM I NO. 2

Theme: Sets

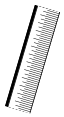
1. What is an empty set?

_____

2.
3.
4.

5. Match correctly.

A	B
3 + 2	3
2 + 2	4
3 + 0	5

6. Set X = {     }

Y = {      }

(a) List down the common members.

_____

(b) How many members are in set Y?

_____

(c) Which set has more members?

_____

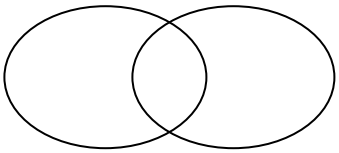
(d) How many members are in the common part?

_____

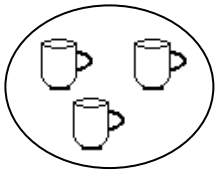
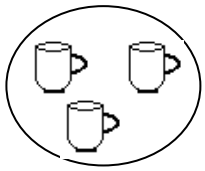
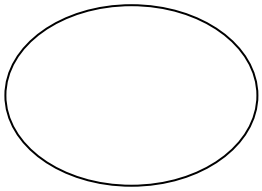
(e) Show the above information on a venn diagram.

7. Shade the intersection part.

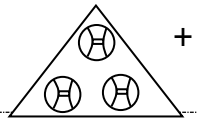
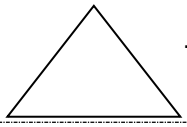
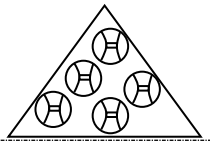
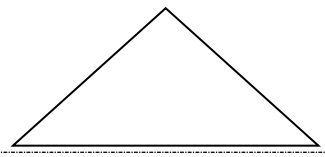
S **T**



8. Add these sets.

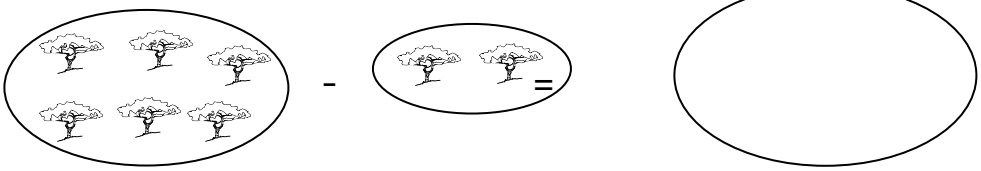
(a)  +  = 

_____ + _____ = _____

(b)  +  +  

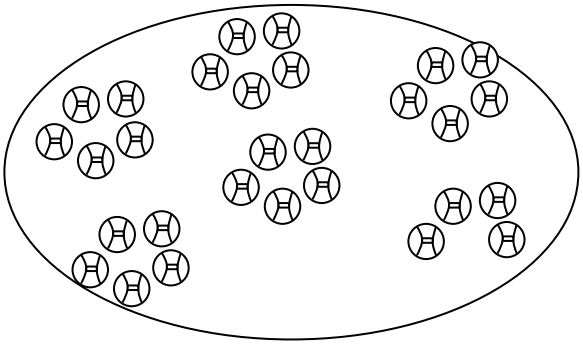
_____ + _____ + _____ + _____

9. Subtract these sets.



_____ - _____ = _____

10. Form groups of fives.



(a) How many subsets have you formed?

_____

(b) How many members are in each sub set?

_____

(c) How many members are there altogether?

_____

NUMBERS TOPICAL QUESTIONS FOR P.2 TERM I NO. 3

Theme: Numeration system and place values.

1. <u>Draw hundreds, tens and ones</u>.

(a) 30 = _____

(b) 12 = _____

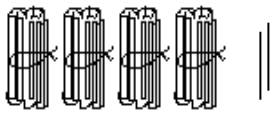
(c) 105 = _____

(d) 9 = _____

2. Fill in hundreds, tens and ones

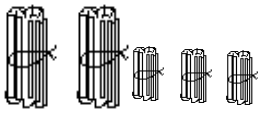
(a) _____ hundreds _____ tens _____ ones = 20

(b) 341 = ____ hundreds _____ tens _____ ones

(c) 

____tens _____ ones = _____

(d) _____ hundreds _____ tens _____ ones = _____

(e)  = _____

_____ hundreds _____ tens _____ ones = _____

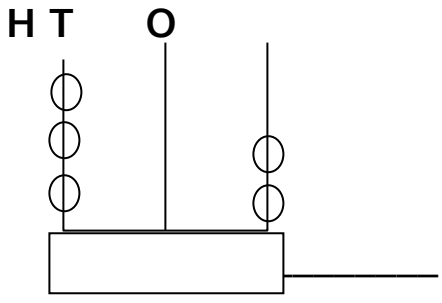
3. Write the place values of the underlined figure.

9 <u>0</u> 1 = _____

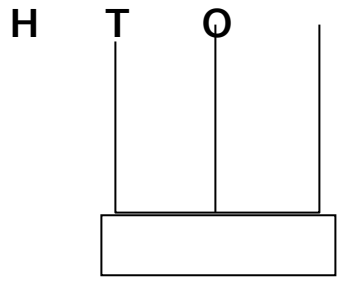
<u>3</u> 0 0 = _____

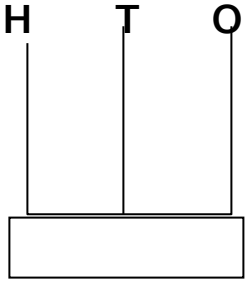
2 <u>4</u> = _____

4. Complete the abacus.



_____ 200 =





= 41

5. Expand these numbers.

   (a) 30 = _____ + _____

   (b) 4 = _____ + _____

   (c) 609 = _____ + _____ + _____

   (d) ____ + _____ + ____ = 701

6. What number has been expanded?

   (a) 400 + 10 + 0 = _____

   (b) 100 + 20 + 3 = _____

   (c) ____ = 90 + 1

   (d) ____ = 00 + 2

   (e) 10 + 0 = _____

NUMBERS TOPICAL QUESTIONS FOR P.2 TERM I NO. 4

Theme: Operation on numbers

1. Add correctly.

   (a) 19 apples + 4 apples = _____ apples.

   (b) 20 boys + 3 boys = _____

   (c) 13 + 6 = _____

   (d) 7 + 8 = 4 = _____

   (e)
	T	**O**
3		0
+		6

   (f)
	T	**O**
	9	4
+	1	4

   (g)
	H	**T**	**O**

	H	**T**	**O**

	4	0	7			5	2	1
+		6	0	+	3		2	4

2. **Read and work out correctly.**

   (a) There were 130 pupils in a school. 20 more pupils joined the same school. How many pupils are there altogether?

   (b) Luke had 42 books. His daddy gave him more 31 books. How many books did he get?

   (c) Ten rulers plus six rulers equals _____ rulers.

   (d) What is eight plus zero.

   (e) What is the sum of ten and four?

3. Write their number names.

   (a) 40 _____

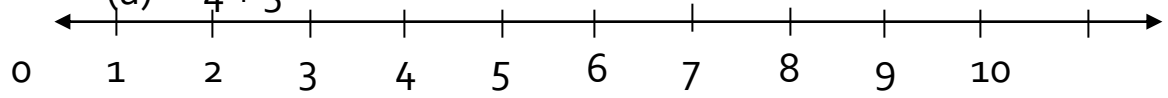
   (b) 38 _____

   (c) 94 _____

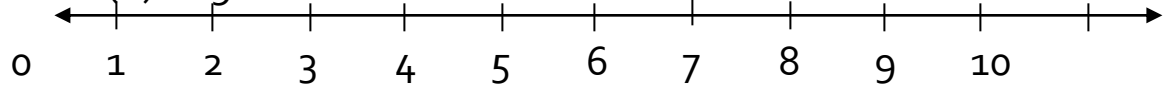
4. Which number comes just after 99? _____

5. Work out these numbers using a numberline.

   (a) 4 + 3 =



   (b) 9 - 0 =



6. Arrange from the biggest to the smallest.

70, 50, 30, 40

_____

7, 1, 9, 4, 2

_____

7. Fill in the missing numbers.

   (a) 90, 80, 70, _____, _____

8. Which number comes just before?

   (a) _____, 10

   (b) _____, 60

   (c) _____, 100

NUMBERS TOPICAL QUESTIONS FOR P.2 TERM I NO. 5

Theme: Operation on numbers

1. Work out these numbers.

   (a) 2 + 2 + 2 = _____

___ x ___ = ____

   (b) 4 + 4 =

___ x ___ = ____

   (c) 3 x 3 = ___

   (d) 4 twos = ____

   (e) (x x x) (x x x) (x x x) = _____

_____ x _____ = _____

2	0	3	1	3	3
x	3	x	2	x	3
_____		_____		_____	

2. Read and multiply.

(a) There are 2 shoes in 1 pair. How many shoes are in 11 pairs?

(b) A stool has 3 legs. How many legs do 10 stools have?

(c) There are 5 boys on 1 bench. How many boys will be on 6 benches?

3. Subtract/takeaway

10 eggs – 3 eggs = _____ eggs.

9 chicks – 9 chicks = _____

T	O
7	6
-	1

T	O
3	9
- 1	9

H	T	O
6	4	5
- 1	0	0

H	T	O
3	7	8
- 2	7	5

H	T	O
5	0	9
- 4	0	0

4. Read and work out.

(a) A class has 40 children. 10 of them are absent. How many are present?

(b) Amoti had 598 hens. He sold 498 hens. How many hens remained?

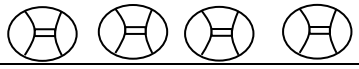
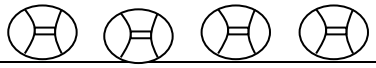
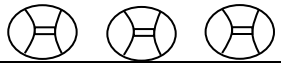
(c) What is the difference between 9 and 5?

(d) Subtract 8 from 10.

NUMBERS TOPICAL QUESTIONS FOR P.2 TERM I NO. 6

Theme: Number sequence

1. Fill in the missing numbers.
   (a) 20, 21, 22, ____, ____, ____, 26
   (b) 0, 2, 4, ____, 8, 10, ____
   (c) 40, 45, ____, 55, 60, ____
   (d) 900, 800, 700, ____, ____.
   (e) 60, 50, ____, 30, ____, 10, 0
2. Study the graph below and answer questions that follow.

John	
Jolly	
Jackie	
Joyce	

Questions

(a) How many balls has Jackie?

_____

(b) Who has 3 balls?

_____

(c) Who has the least number of balls?

_____

(d) How many more balls has John than Jolly?

_____

(e) Who have the same number of balls?

_____

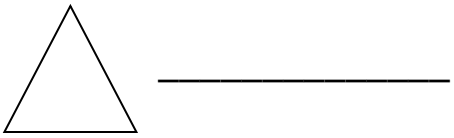
(f) How many balls do Joyce and John have?

_____

(g) Add the number of balls for Jolly, Joyce and John.

(h) How many balls do they have altogether?

3. Name the following shapes.



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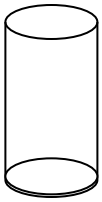

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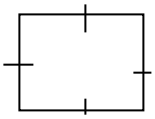


_____

4. How many rectangles are there?

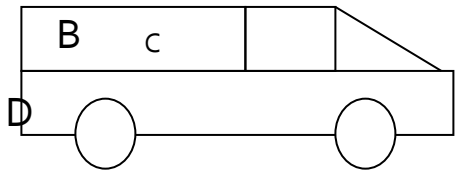
5. Name the shape that is all round. _____

6. Draw these shapes.

Oval _____ semi-circle _____

Cone _____ kite _____

7. Name these shapes.

A 

C _____

D _____

B _____

TOPICAL REVISION NO. 1
P.2 NUMBERS

CAPACITY

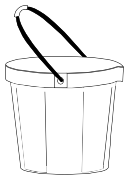
1. What is capacity?

   .....

2. Write any two examples of liquids.

a. ..... b. .....

3. Name these containers used to measure liquids.

 .....  .....

4. How many $\frac{1}{2}$ litre bottles will fill a 2 litre jerrycan?

5. How many 1 litre mug will fill a 5 litrejerrycan?

6. The standard units for capacity are .....
   (kilogram , litres)
7. Add:

a. $\frac{1}{2}$ litre + $\frac{1}{2}$ litre = ...

b. 2 litres + 3 litres + 4 litres = ...

c. 14 litres + 9 litres = ...

d.

7 litres	1 4 litres	2 4 litres
+ 6 litres	+ 5 litres	+ 3 0 litres
_____	_____	_____

8. Mummy bought 10 litres of milk. Daddy bought 12 litres of milk. How many litres did they buy altogether?

9. What is the sum of 15 litres and 7 litres?

10. Compare the capacity of these containers.

a. Which container holds more water?

.....

b. Which container holds less water?

.....

c. How many litres do both containers hold?

.....

11. Subtract

a. 12 litres - 8 litres = ...litres

b.

	1	6 litres		3	4 litres
-		5 litres	-	2	2 litres

c. Subtract 6 litres from 14 litres.

d. Nakato had 24 litres of milk. The cat drank 10 litres. How many litres were left?

e. Mukasa had 35 litres of milk. Hwe sold 15 litres. How many litres remained?

TOPICAL REVISION NO. 2
P.2 NUMBERS

Operation on whole numbers

1. Addition with regrouping

a.
$$\begin{array}{r} 13 \\ +\ 7 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 16 \\ +\ 8 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 28 \\ +\ 9 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 19 \\ +\ 5 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 16 \\ +\ 14 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 35 \\ +\ 26 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 46 \\ +\ 26 \\ \hline \end{array}$$

2. What is the sum of 15 and 7?

3. There are 16 boys and 14 girls in P.2 class. How many pupils are there altogether?

4. Mary had 25 sweets. her mother gave her 16 more sweets. How many sweets did she have altogether?

5. **Divide**:

a. $12 \div 3 =$

b. $30 \div 6 =$

c. $4 \overline{)20}$

d. $3 \overline{)12}$

e. $10 \div 5 =$

f. $27 \div 3 =$

g. $6 \overline{)18}$

h. $2 \overline{)22}$

6. Share 10 apples equally among 5 boys. How many does each get?

7. Share 30 pencils equally among 6 girls. How many pencils does each get?

8. Divide: 16 by 4

9. 7 boys shared 21 sweets equally. How many sweets did each get?

10. Divide 24 by 6.

11. Daddy shared 20 books equally between Babirye and Nakato. How many did each get?

12. 5 children shared 45 apples equally. How many did each get?

TOPICAL REVISION NO. 3
P.2 NUMBERS

Fractions

1. Write in words.

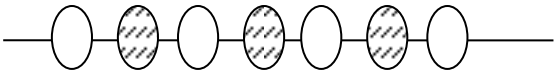
(a) $\frac{1}{2}$

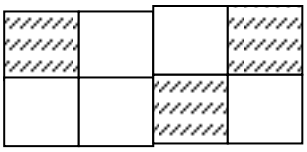
(b) $\frac{1}{4}$

(c) $\frac{1}{3}$

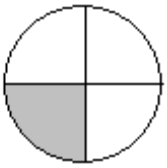
2. What is a fraction?

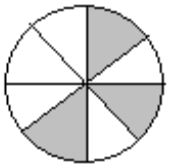
3. Show the shaded fractions



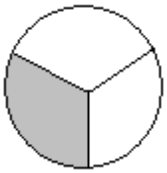


4. What fraction is shaded?

(a) 

(b) 

5. What is the fraction of the unshaded part?



6. Add the fractions.

a. $\frac{2}{5} + \frac{3}{5} =$

b. $\frac{5}{9} + \frac{2}{9} =$

c. $\frac{1}{6} + \frac{2}{6} + \frac{1}{6} =$

7. Subtract

(a) $\frac{4}{} - \frac{2}{} =$

(b) $\frac{6}{} - \frac{3}{} =$

7 7 9 9

8. Juma had $\frac{2}{5}$ of a cake. His mother gave him $\frac{1}{5}$ more.
What fraction did he have altogether?

9. What is the sum of $\frac{1}{2}$ and $\frac{1}{2}$?

10. Mary had $\frac{5}{8}$ of a sugar cane. She ate $\frac{3}{8}$. What fraction was left?

11. Use greater than, less than or equal to.

a. $\frac{1}{4}$ is ..... $\frac{1}{2}$

b. $\frac{1}{3}$ is ..... $\frac{1}{4}$

c. $\frac{1}{5}$ is ..... $\frac{1}{5}$

d. $\frac{3}{6}$ is ..... $\frac{2}{6}$

12. Write in figures.

a. a third .....

b. a tenth .....

c. a quarter .....

TOPICAL REVISION NO. 4
P.2 NUMBERS

ALGEBRA

1. Find t he missing numbers.
2. ☐ - 5 = 7 c. ☐ + 4 = 10
3. 9 + ☐ = 14 d. 12 + ☐ = 20
4. .....plus four equals eight.
5. ten plus .....equals sixteen.
6. Think of number, add five to it, the answer is twelve. What is the number?
7. Find the missing numbers.
8. 9 – 4 = ☐

a. ☐ - 7 = 10

b. ☐ - 5 = 15

b. 12 - ☐ = 6

a. 18 - ☐ = 8

9. Nine minus four equals .....

10. .....minus five equals twelve.

11. .....minus ten equals zero.

12. Fifteen take away .....equals ten.

TOPICAL REVISION NO. 5
P.2 NUMBERS

MEASURES (Length and weight/mass)

1. What is length?

   .....

2. Write any three tools used to measure length.

   (i) ..... (iii) .....

   (ii) .....

3. Add

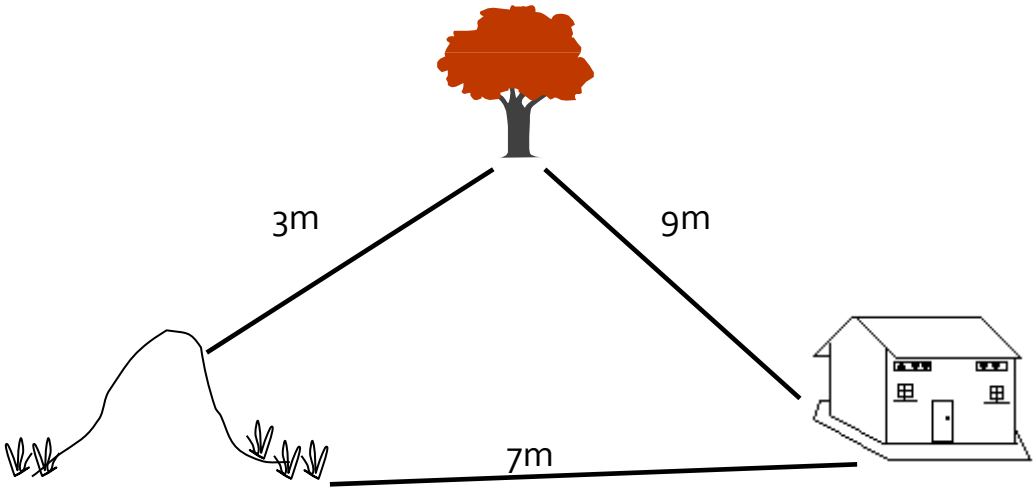
   a. 9 metres + 6 metres = ...metres

10 metres + 2 metres + 4 metres = ...metres

b. 7 cm
+ 5 cm
_____

(d) 3 4m
+ 2 5m
_____

(e) 2 9m
+ 7m
_____



a) How far is it from the tree to the house?

.....

b) What is the shortest distance?

.....

c) Find the distance around the picture.

.....

4. **Subtract**

14m - 6m = ☐ cm

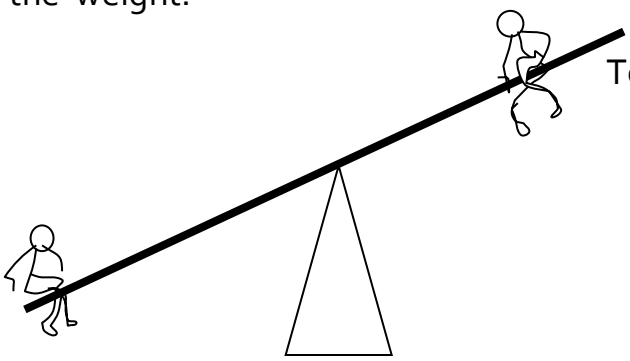
1 7 m
- 5 m
_____

6 3
- 3 0
_____

cm

7 4 m
- 1 4 m
_____

5. Compare the weight.



a. Who is heavier?

.....

b. Who is lighter?

.....

c. What is their total mass?

.....

1. Work out:

a. 9kg + 2kg + 5kg =

c. 15kg + 7kg =

b. 2 5 kg
+ 1 5 kg

d. 5 6 kg
- 2 2 kg

1. Mukasa bought 76kg of sugar. He sold 20kg. How many kilograms remained?