

BUDO JUNIOR SCHOOL

REMEDIAL WORK 2020 - SET THREE

MATHEMATICS FOR PRIMARY ONE

Name: _____

Stream: _____ Date: _____

THEME: WEATHER.

SUB THEME 1: Elements of weather.

CONTENT: Whole numbers.

Counting numbers.

Example:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,
16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30,
31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45,
46, 47, 48, 49, 50.

Activity:

1. Which number symbol is missing?

i. 4, 5, 6, 7, _____, _____, _____

ii. 1, 2, 3, _____, _____, _____, 7, _____

iii. 11, 12, _____, _____, _____, 16, 17

iv. 30, 31, _____, 33, _____, 35

v. 25, 26, 27, _____, _____, _____

vi. 18, 19, _____, 21, _____, _____, _____, 25

vii. 35, 36, 37, _____, _____, _____, 41

Activity:

1. Write the number that comes after.

Example.

1. 2, 3 3 comes after 2

2. 5, 6 6 comes after 5

2. What number comes after?

i. 9, _____ 10, _____

ii. 7, _____ 25, _____

iii. 6, _____ 30, _____

Activity:

1. Which number comes before?

_____, 3 2 comes before 3

_____, 9 8 comes before 9

2. What number comes between _____ and _____?

Examples

5, 6, 7 6 comes between 5 and 7

48, 49, 50 49 comes between 48 and 50.

Write numbers that come between the given ones.

i. 4, _____, 6

ii. 30, _____, 32

iii. 1, _____, 3

iv. 17, _____, 19

v. 7, _____, 9

vi. 20, _____, 22

vii. 11, _____, 13

Which number comes before?

____, 5

____, 19

____, 10

____, 10

____, 32

____, 3

____, 25

____, 12

____, 43

____, 15

____, 30

____, 20

Which number is the least? smallest?

Examples.

Circle the least / smallest number.

3, 5, 4

Note: The number with few balls is the least / smallest number.

Example 2.

12, 9, 20

Activity.

Circle the least / smallest number.

i. 9, 13, 2

ii. 20, 15, 33

iii. 2, 5, 6

iv. 20, 10, 30

v. 6, 7, 9

vi. 8, 10, 3

viii. 20, 40, 5

ix. 5, 40, 5

Note: Learning aids: books, pencils, counters, sticks, stones.

Number names (0-9).

Reviewing pre-primary work.

The ones.

e.g

0-zero	1- one	2 – two	3 – three
4 – four	5 – five	6 – six	7 – seven
8 – eight	9 - nine		

Activity.

- reading
- spelling

Match correctly

8	six
9	four
7	eight
6	nine
4	seven

What is their number symbols?

three - _____	zero - _____
four - _____	two - _____
one - _____	five - _____

Note: Learning Aids: Number chart and text books.

Reference:

- Understanding MTC book 1 page 21 – 23
- MK book 1 New Edition page 41 – 42
- Macmillan Resources for Thematic book 1 page 61
- Primary mathematics book 1 page 18 - 19

Activity:

The tens (10 - 19)

e.g 10 – ten

11- eleven

12 – twelve

13 – thirteen

14 – fourteen

15 – fifteen

16 – sixteen

17 – seventeen

18 – eighteen

19 - nineteen

Activity:

- reading

- spelling

Activity:

Match correctly.

eleven

13

sixteen

19

twelve

16

eighteen

14

thirteen

11

fourteen

12

nineteen

18

Activity:

Write their number names.

12 - _____

10 - _____

1 - _____

13 - _____

16 - _____

11 - _____

0 - _____

19 - _____

Reference:

- Understanding MTC book 1 page 21- 23
- Mk book 1 New Edition page 41 – 42
- Macmillan resources for Thematic book 1 page 61

Adding numbers less than 20 horizontally.

$$\begin{array}{c} \circ \circ \\ 3 \end{array} + 8 = 11$$

$\circ \circ \circ \circ \circ \circ \circ \circ$

$$\begin{array}{c} \circ \circ \\ \circ \circ \\ 4 \end{array} + \begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \\ 6 \end{array} = 10$$

$$\begin{array}{c} 4 \\ \circ \circ \circ \circ \end{array} + \begin{array}{c} 3 \\ \circ \circ \circ \end{array} = 7$$

Activity:

$5 + 5 =$

$6 + 4 =$

$8 + 2 =$

$7 + 3 =$

$6 + 3 =$

$3 + 3 =$

$5 + 4 =$

$6 + 6 =$

Adding numbers less than 20 vertically.

Examples:

$$\begin{array}{r} 4 \circ \circ \\ + 6 \circ \circ \circ \circ \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \circ \circ \\ + 3 \circ \circ \circ \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \circ \circ \circ \\ + 3 \circ \circ \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \circ \circ \circ \circ \\ + 2 \circ \circ \\ \hline 7 \end{array}$$

Activity:

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

$$\begin{array}{r} 3 \\ + 7 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 6 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \hline \end{array}$$

Word problem in addition.

Examples.

- i. one plus four equals five

$$\begin{array}{c} 1 \\ \bigcirc \end{array} + \begin{array}{c} 4 \\ \bigcirc \bigcirc \bigcirc \bigcirc \end{array} = 5$$

- ii. 3 books and 4 books equals seven

$$\begin{array}{c} 3 \\ \bigcirc \bigcirc \bigcirc \end{array} + \begin{array}{c} 4 \\ \bigcirc \bigcirc \bigcirc \bigcirc \end{array} = 7$$

Activity.

- i. Ana has 4 apples. Jane has 6 apples.

They both have _____ apples

- ii. Seven tomatoes plus 2 tomatoes equals _____ tomatoes.
- iii. Mummy has 4 mangoes Daddy gave her 5 mangoes. How many mangoes are they altogether.
- iv. 6 cups plus 3 cups equals _____ cups.
- v. Joy has 4 pencils. James has 7 pencils.
They both have _____ pencils.

Place values:

Place values are:

Tens and Ones.

T stands for Tens.

O stands for ones.

Counting in ones and tens.

The one starts from 0 to 9

e.g I = 1 ones	II = 2 ones	III = 3 ones
IIII = 4 ones	IIIII = 5 ones	IIIIII = 6 ones
IIIIIII = 7 ones	IIIIIIII = 8 ones	IIIIIIIII = 9 ones

Note: The ones have only one figure or digit e.g

1, 2, 3, 4, 5, 6, 7, 8, 9. We do not tie a bundle when the sticks are less than ten.

Activity:

Draw and count the ones.

$2 = \underline{\hspace{2cm}}$

$9 = \underline{\hspace{2cm}}$

$4 = \underline{\hspace{2cm}}$

$1 = \underline{\hspace{2cm}}$

$6 = \underline{\hspace{2cm}}$

$3 = \underline{\hspace{2cm}}$

Learning Aids: sticks, counters.

Reference. Anew MK book 1 page 63.

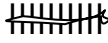
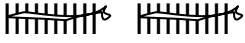
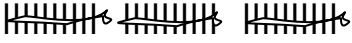
Activity:

The tens

We tie a bundle when the sticks are ten (10).

The tens have digits e.g (10, 20, 30, 40, 50, 60, 70, 80 etc)


Examples.

1 ten = 	2 tens = 	3 tens = 
10 10	20 10 10	30 10 10 10

Note: Ten sticks make up 1 bundle.

Activity:

Draw and count the tens.

$20 = 2 \text{ tens } $

$40 = 4 \text{ tens}$

$30 = 3 \text{ tens}$

$10 = 1 \text{ ten}$

$50 = 5 \text{ tens}$

$60 = 6 \text{ tens}$

Counting in ones and tens.

Example:



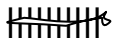
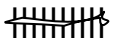
1 ten

2 ones



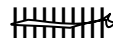
2 tens

4 ones



3 tens

4 ones



2 tens

3 ones

Activity:

i.



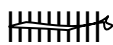
___ ten and ___ ones

ii.



___ tens and ___ ones

iii.



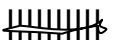
___ tens and ___ ones

iv.



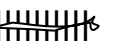
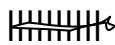
___ tens and ___ ones

v.



___ tens and ___ ones



vi.



___ tens and ___ ones

Draw the bundles to show tens and ones

Examples.

 
2 tens 4 ones

Tens	Ones
2	4

Activity:

i.  

Tens	Ones

ii. 

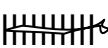

Tens	Ones

iii.  

Tens	Ones

iv.  

Tens	Ones

v.  

Tens	Ones

Show the tens and ones.

Example:

15 = 1 tens and 5 ones

23 = 2 tens and 3 ones

8 = 0 tens and 8 ones

6 tens and 3 ones = 63

0 tens and 9 ones = 9

Show the tens and ones.

43 = _____ tens _____ ones

26 = _____ tens _____ ones

19 = _____ tens _____ ones

5 = _____ tens _____ ones

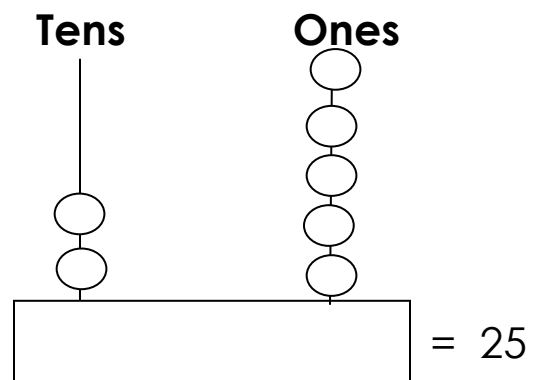
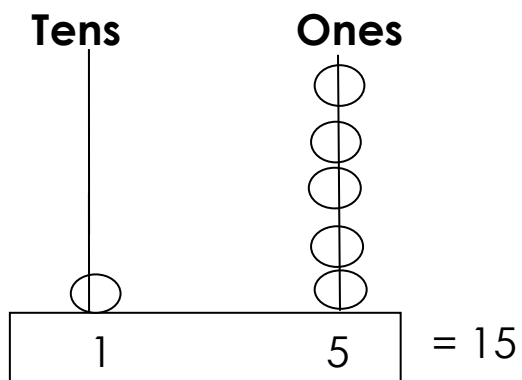
3 tens and 2 ones = _____

1 tens and 5 ones = _____

_____ tens and 9 ones = _____

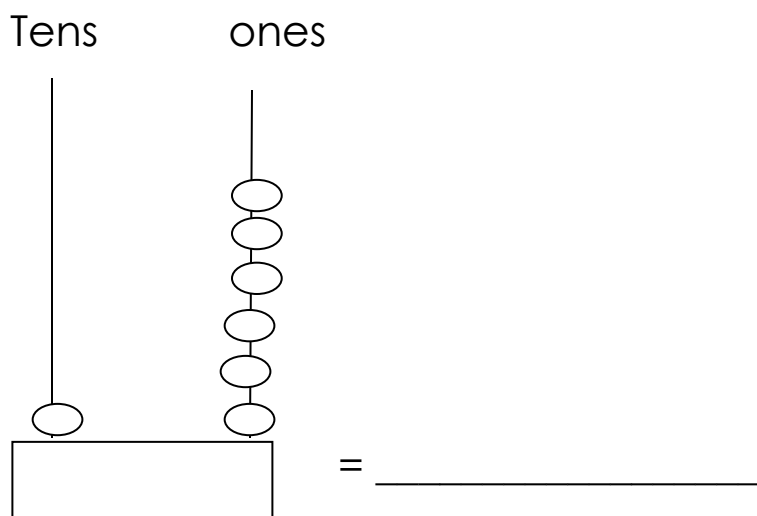
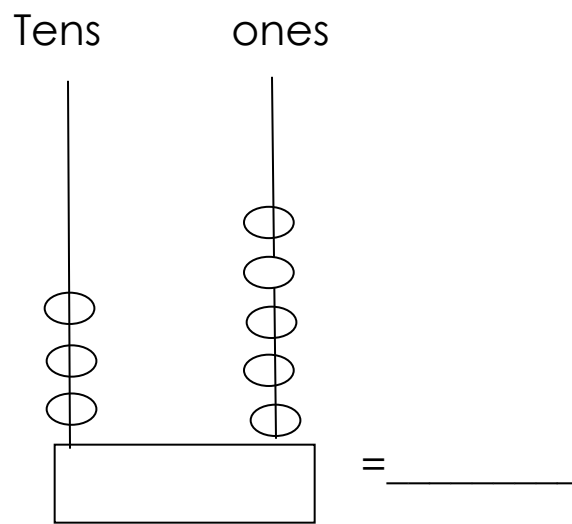
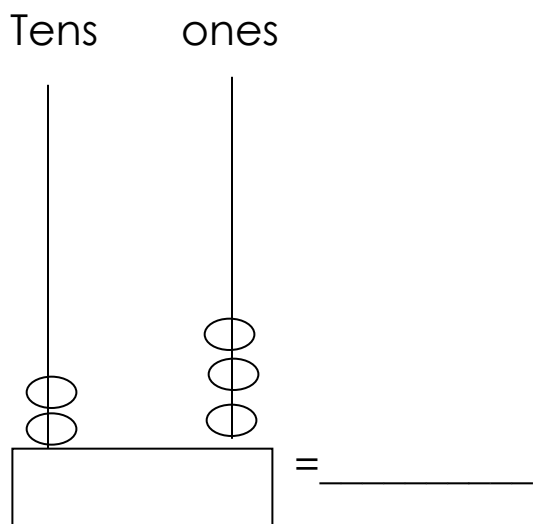
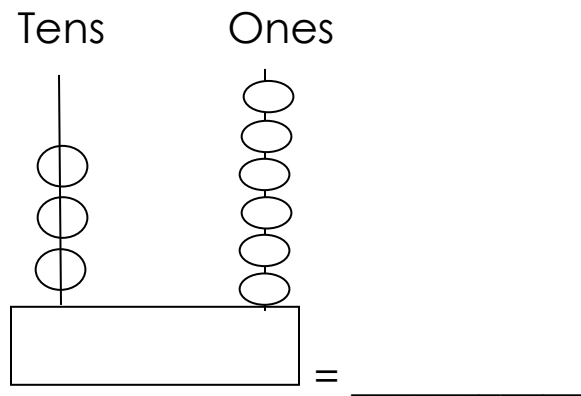
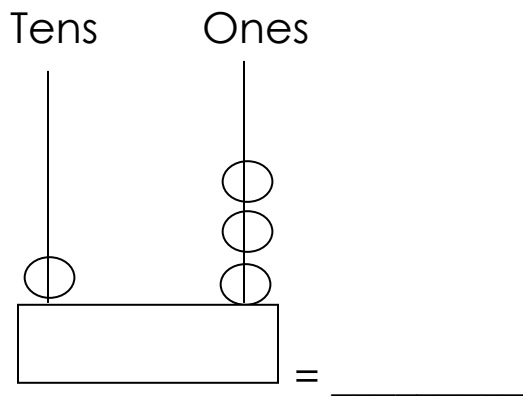
Counting the beads on the abacus.

Example:



Activity:

Count and write.



Addition of 2 digit numbers.

Example.

Tens	ones
1 ^o	2 ^{oo}
+ 3 ^{oo}	2 ^{oo}
<hr/>	
4	4
<hr/>	

Tens	Ones
1 ^o	3 ^{oo}
+ 5 ^{oo}	2 ^{oo}
<hr/>	
6	5
<hr/>	

Activity:

Add the tens and ones.

Tens	ones
2	1
+ 3	3
<hr/>	
<hr/>	

Tens	ones
5	2
+ 0	2
<hr/>	
<hr/>	

Tens	ones
2	3
+ 2	2
<hr/>	
<hr/>	

Tens	ones
2	4
+ 1	0
<hr/>	
<hr/>	

Multiplication of 2 as a repeated addition.

Examples:

$$\overset{\circ}{\underset{\circ}{2}} = 1 \times 2 = 2$$

$$\overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} = 2 \times 2 = 4$$

$$\overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} = 3 \times 2 = 6$$

$$\overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} = 4 \times 2 = 8$$

Note: Add and multiply.

Activity:

$$\text{i. } \overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} + \overset{\circ}{\underset{\circ}{2}} = 3 \times 2 =$$

$$\text{ii. } 2 + 2 + 2 + 2 = 4 \times 2 =$$

$$\text{iii. } 2 + 2 + 2 + 2 + 2 = 5 \times 2 =$$

$$\text{iv. } 2 + 2 + 2 + 2 + 2 + 2 = 6 \times 2 =$$

$$\text{v. } 2 + 2 + 2 + 2 + 2 + 2 + 2 = 7 \times 2 =$$

$$\text{vi. } 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 8 \times 2 =$$

$$\text{vii. } 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 9 \times 2 =$$

$$\text{viii. } 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 10 \times 2 =$$

$$\text{ix. } 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 11 \times 2 =$$

$$\text{x. } 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 12 \times 2 =$$

Multiply by 2 vertically.

Example.

i. $1 \times 2 =$

1	2	3	6
$\times 2$	$\times 2$	$\times 2$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>
2	4	6	12
<hr/>	<hr/>	<hr/>	<hr/>

Multiply by 2.

3
$\times 2$
<hr/>
<hr/>

2
$\times 2$
<hr/>
<hr/>

5
$\times 2$
<hr/>
<hr/>

6
$\times 2$
<hr/>
<hr/>

4
$\times 2$
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8
$\times 2$
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<hr/>

7
$\times 2$
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1
$\times 2$
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<hr/>

10
$\times 2$
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Assessment Guide line for Weather.

Competences that can be assessed are:

- Count to 50 in correct order.
- Recognise and write number symbols to 50.
- Write their number names.
- Add horizontally and vertically to sum less than 20, without carrying.
- Identify place values in a 2 digit number.
- Show multiplication of 2 as repeated addition.