

Dadaba kagaya toyiy Madha 2

Suri Maths Book 2 (covering maths grade 1 curriculum, numbers up to 20)

2006

The contents of this book covers *the 1st part of the grade 1 national curriculum for mathematics.* It is preceded by **Dadaba kagaya toyiy Madha 1**, the first maths book covering the numbers up to 10 and succeeded by the 3rd maths book for grade 1 **Dadaba kagaya toyiy Madha 3**, which covers the rest of the grade 1 curriculum. The books are designed in a workbook manner to provide the teachers with the appropriate exercises and to allow for irregular attendance patterns. Thus the students can pick up where they have left off and, with some help from an instructor, use the workbooks as self-study books. The nomadic lifestyle of the Suri people causes some drop-out, which occurs most during the first year of learning. Therefore, the maths course for grade 1 is split into 3 workbooks so the materials will not be wasted unnecessarily.

The Suri people base mathematical operations on a system of 20s. Following the national curriculum this maths book teaches the decimal system. The didactical approach pays tribute to the fact that Suri learners are tackling the numbers over 20 in two different mathematical systems and therefore need extra exercises to practise the transfer.

This Suri maths book was produced by

©Suri Literacy Project, P.O.Box 2576, Addis Abeba, Ethiopia

The Suri people are a pastoralist people group, living in southwest Ethiopia. They have an estimated population of 20 – 30 000. The Suri Literacy Project is a project of the Ethiopian Evangelical Church Mekane Yesus in cooperation with SIL Ethiopia.

It was written, illustrated, tested and revised by

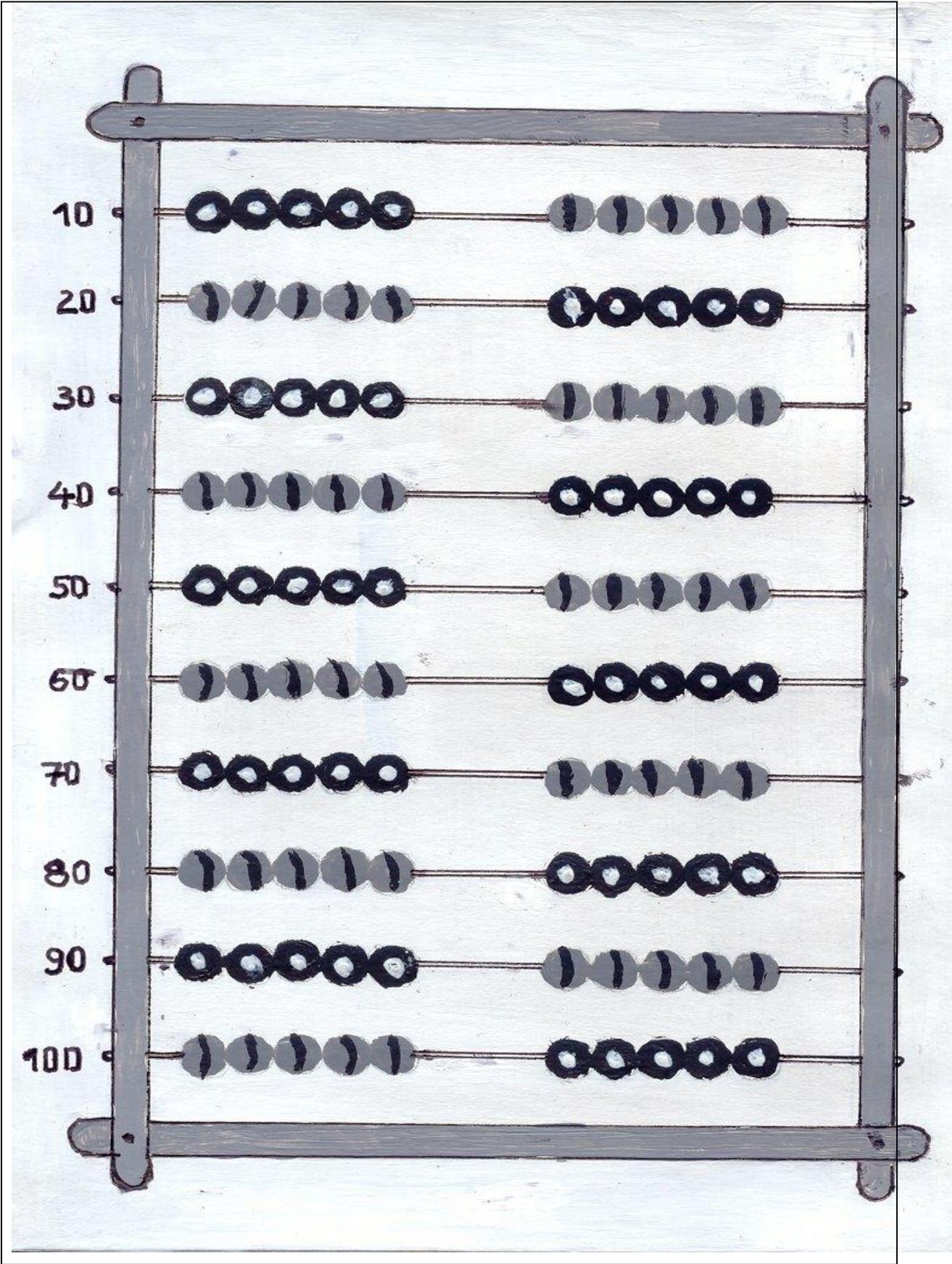
Kite Siralugu, Ariboroy Boshobarke, Olekibho Bhorbhor, Bargoy Dhogani, Bargola Lemudigir, Golonyi Lemudigir, Golonyi Olerεghε, Daniel Bambu, Ulrike Bayer

Kite Siralugu, Ariboroy Boshobarke, Olekibo Borbori, Bargoy Dogani, Bargola Lemudigir, Gologni Lemudigir, Gologni Olerεge, Daniel Bambu and Ulrike Beyer
(Literacy Project Advisor).

Front and back cover illustrations were done by Teferi Gizachew, Addis Abeba and depict the locally made Suri abacus which is one of the main teaching aids for learning the decimal system.

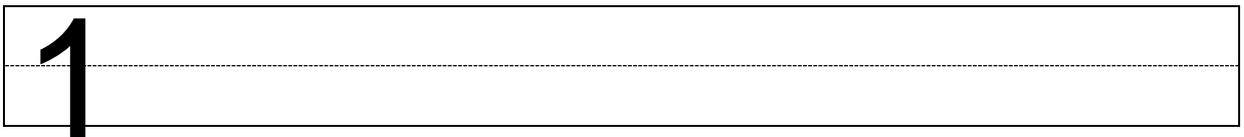
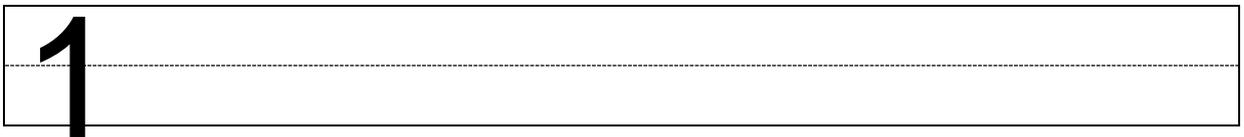
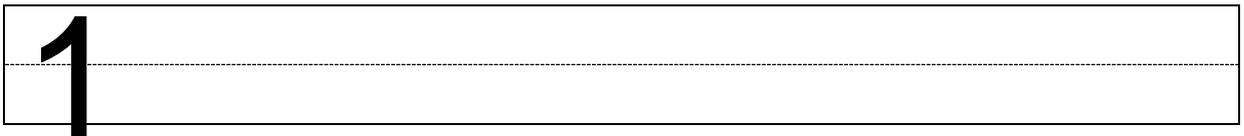
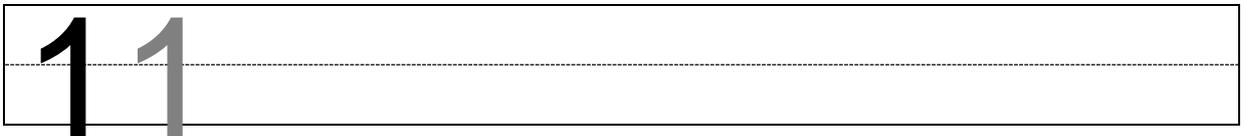
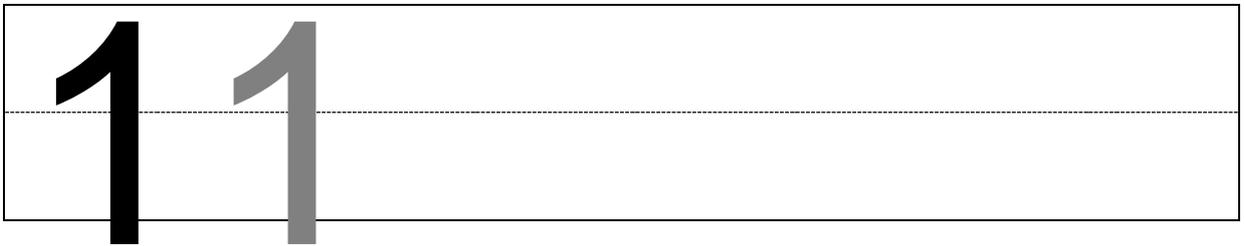
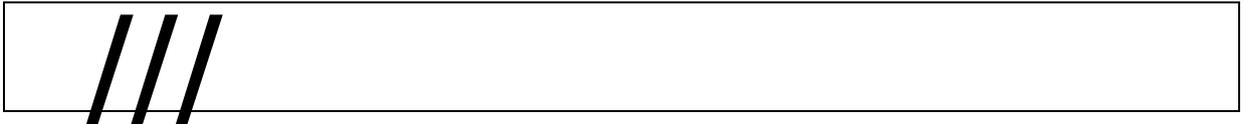
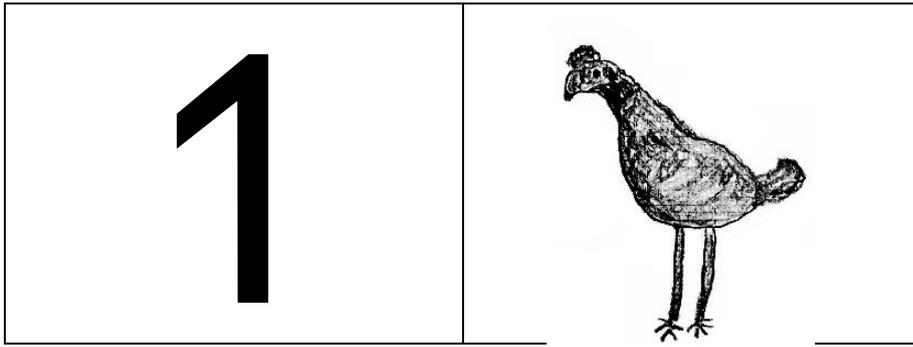
Printed by SIM Press: Addis Abeba, Ethiopia

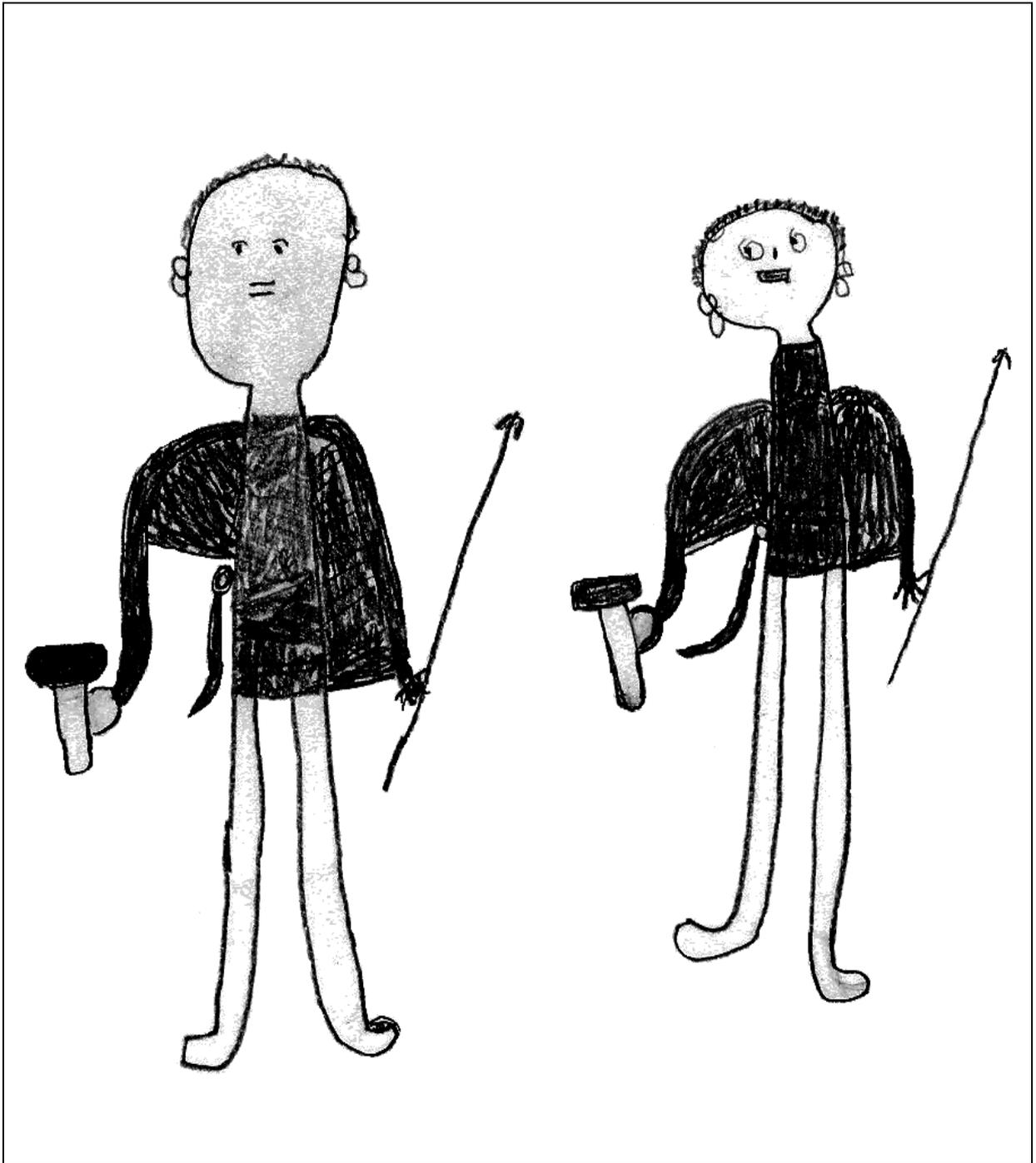
2006 (2nd revised edition) Converted into Suri Latin March 2010



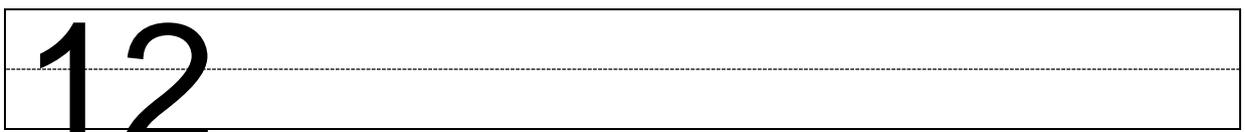
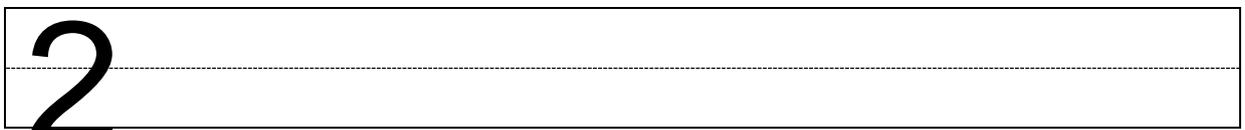
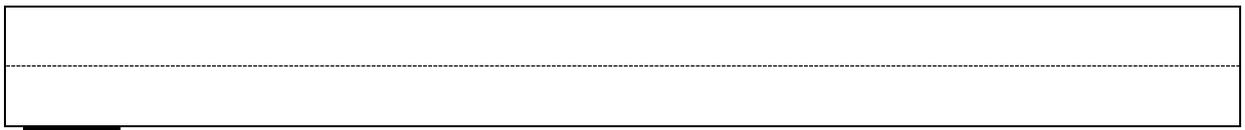
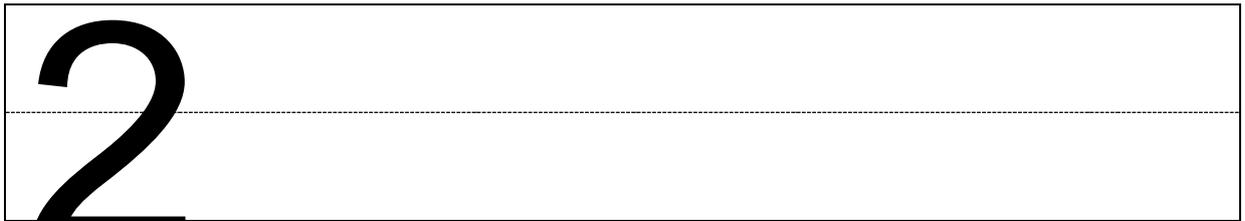
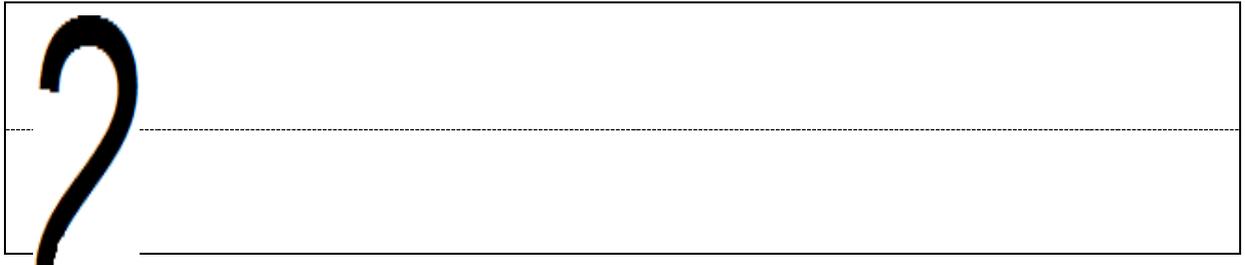
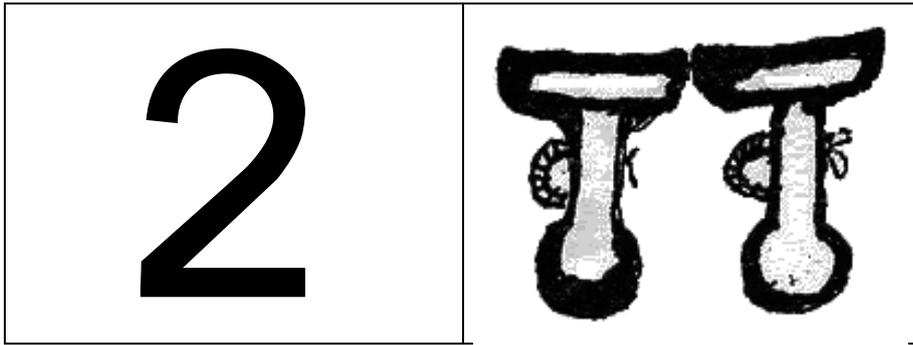


dhone	አንድ	1	One
-------	-----	---	-----



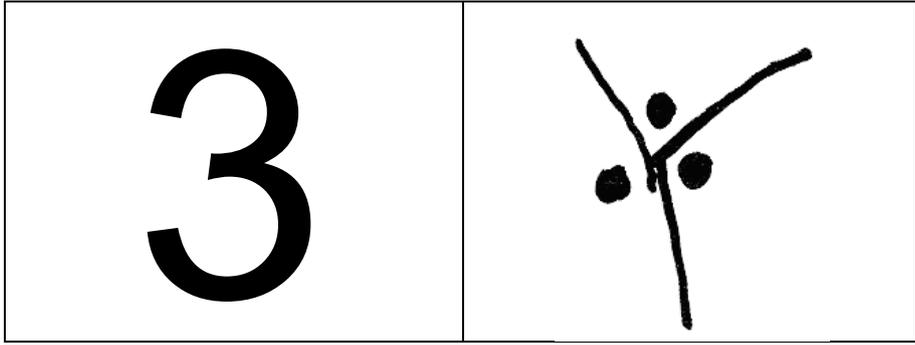


raman	ሁለት	2	Two
-------	-----	---	-----





sizi	ሦስት	3	Three
------	-----	---	-------



3

3

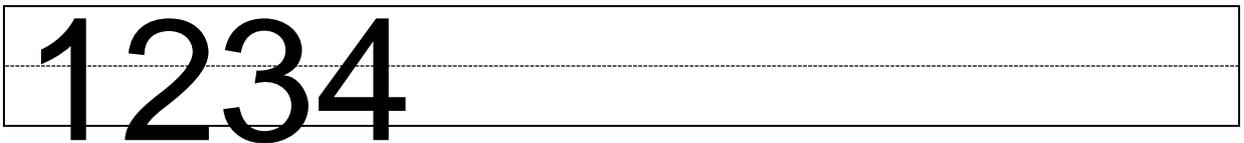
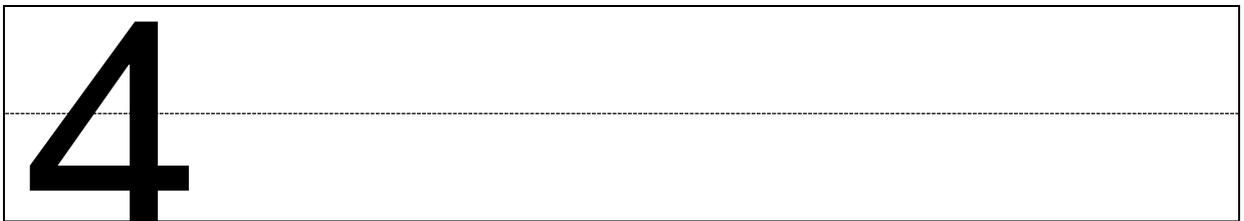
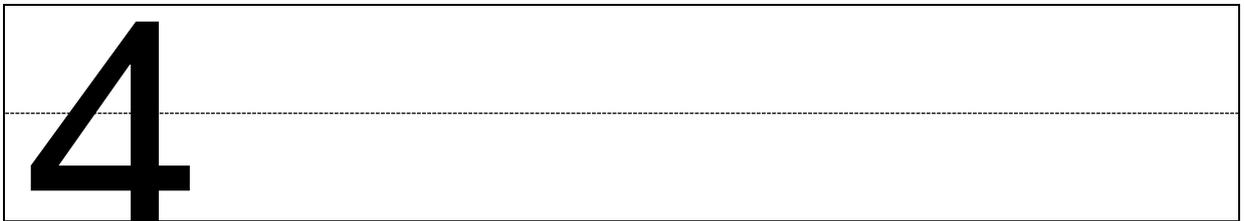
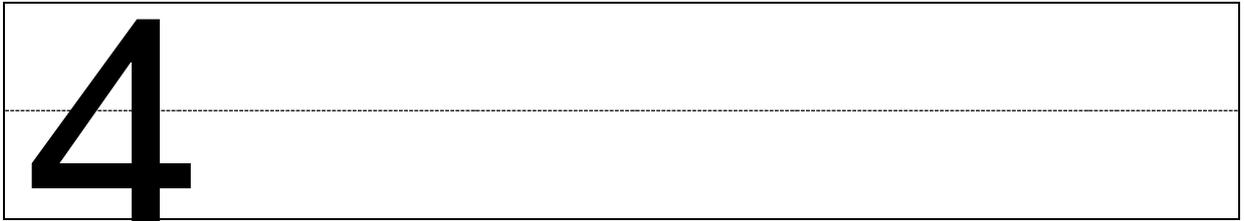
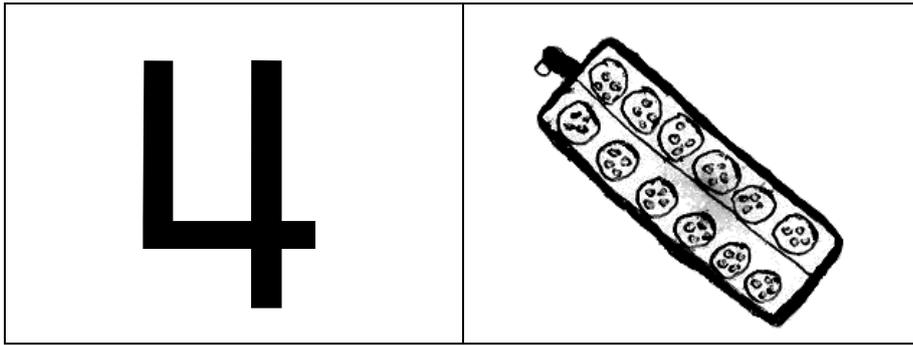
3

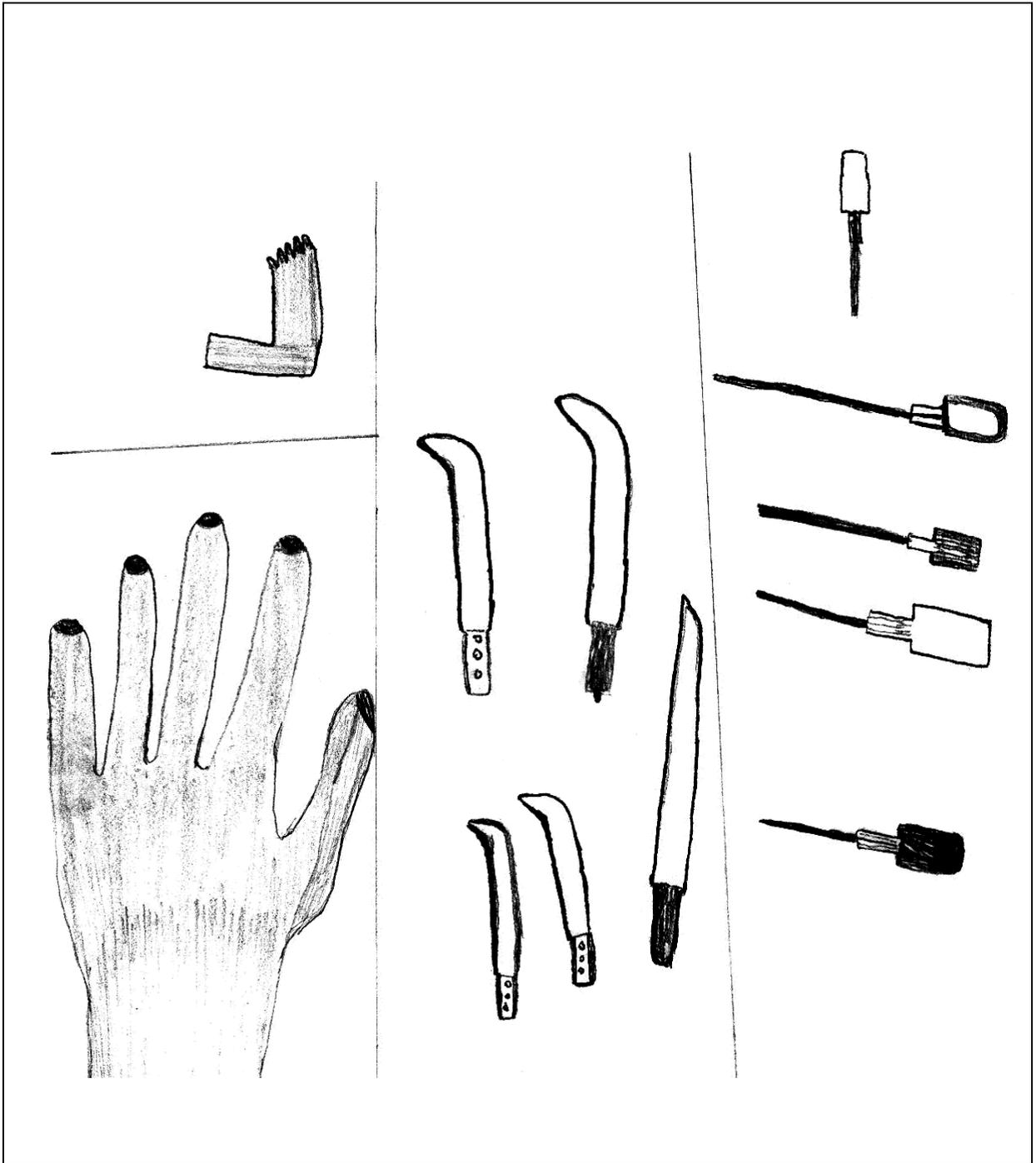
3

123

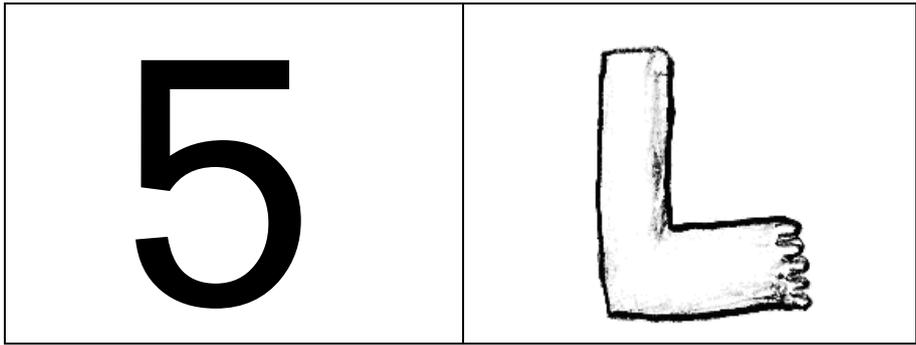


wush	ካራት	4	Four
------	-----	---	------





hayna	አምስት	5	Five
-------	------	---	------



5

5

5

5

1 2 3 4

1

2

3

4

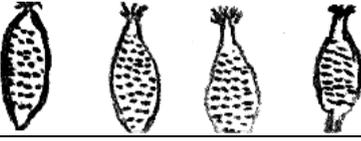
5

12345

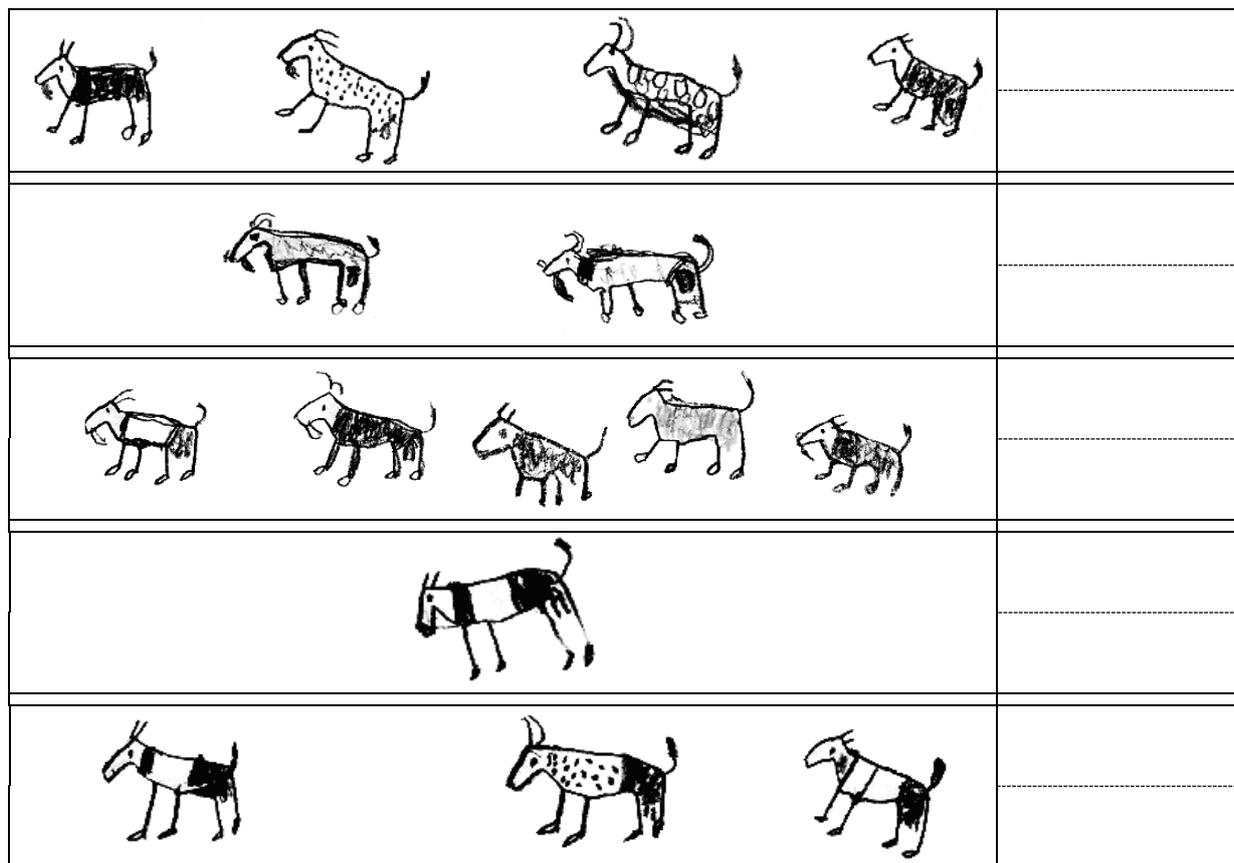
Lami ge ngani kɔgɔdɔtoye na dhito.

1	2	3	4	5
1	2			
1		3		
	2	3		
1				

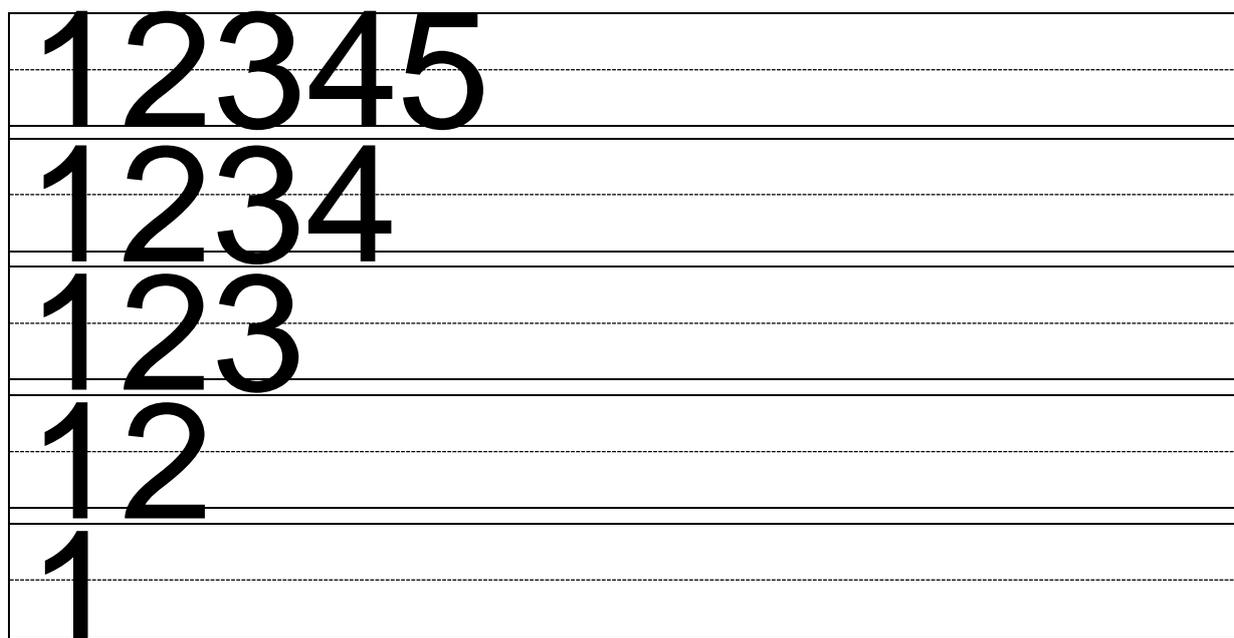
Toyi ngagɔraa na tɔgɔnda kuturinyaye.

	1
	2
	
	
	

Toyi ngatenda na tɔgɔnda kuturinyaye.



Ɛlɛhɛndɛsɛ ngadamita sabuneye.



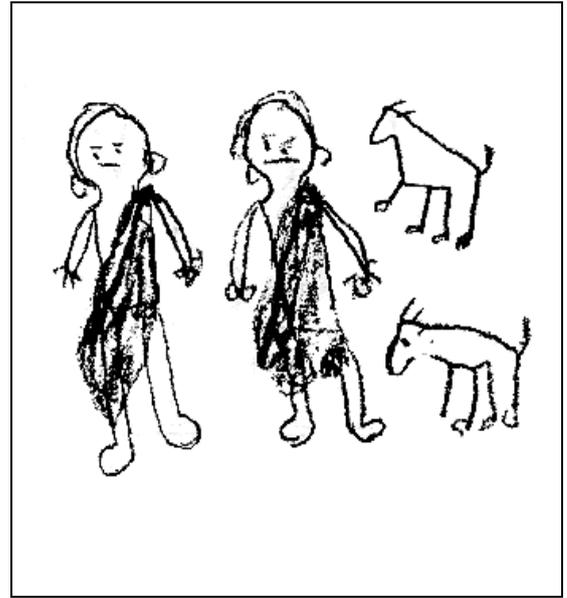
He٥



2

=

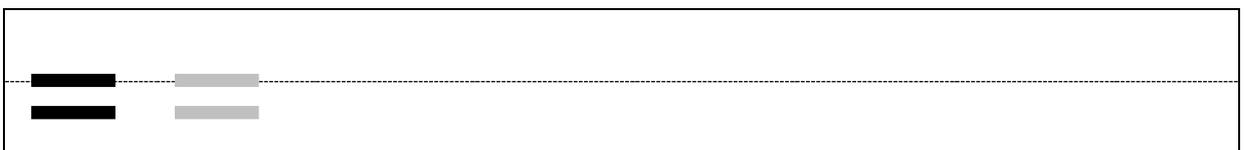
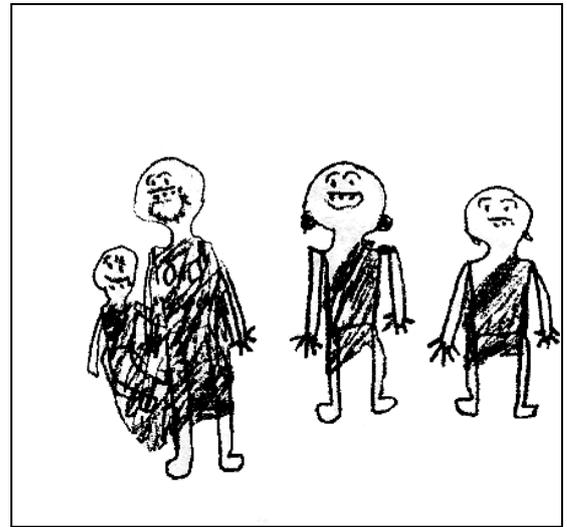
2



4

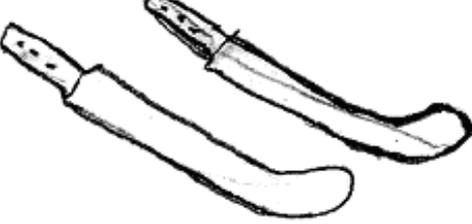
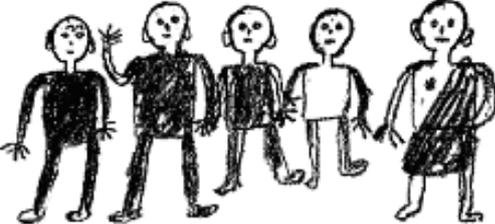
=

4

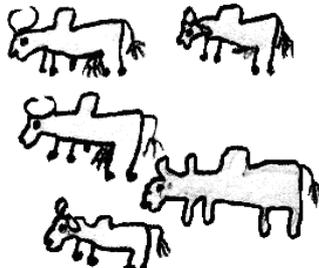


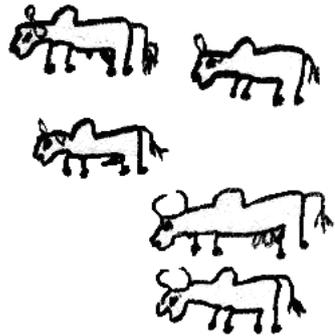
Heto wo ngaheto?

Ngagiya el ngatandaye ko ngagenu el
ngatandonuye heto wo ngaheto?

A mēri. A muchugi. Heto

		
		
	<p>Ngagiya a mēri</p>	

		
		
	<p>Ngagiya a muchugi</p>	

		
		
	<p>Tanda ko tanda heto</p>	

Нето wo نگاهето?

••• 3	>	•• 2
----------	---	---------

••• 3	<	•••• 4
----------	---	-----------

••••• 5		••• 3
------------	--	----------

••••• 5		•••• 4
------------	--	-----------

•• 2		••• 3
---------	--	----------

••••• 5		••••• 5
------------	--	------------

•••• 4		••• 3
-----------	--	----------

•• 2		• 1
---------	--	--------

• 1		•• 2
--------	--	---------

••• 3		••• 3
----------	--	----------

•••• 4		••••• 5
-----------	--	------------

•••• 4		•••• 4
-----------	--	-----------

4	>	2
2		2
1		5

3		1
5		1
3		3

Нето wo ngaheto?

III	>	II
-----	---	----

bbb		bbbb
-----	--	------

oooo	=	oooo
------	---	------

dddd		dddd
------	--	------

cc		cccc
----	--	------

εεεε		εεεε ε
------	--	-----------

gggg		gg
------	--	----

EEEE		EE
------	--	----

mm		mm
----	--	----

R		RR
---	--	----

1	<	2
2		3
3		4
4		5

5	>	4
4		3
3		2
2		1

Idhoy

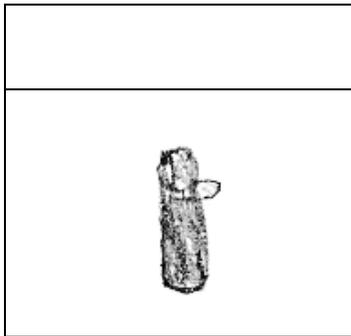


Na zininya gena orre tongo gelegano, na se kogoroto. Na hunde hony na kogorote, aru ro na roro boyu. Na zininya tengere roro na ngeyo. Na roro a hira bhaka zininya. Na ngarosonu irriyo hoyo sizi. Na meya te isong?

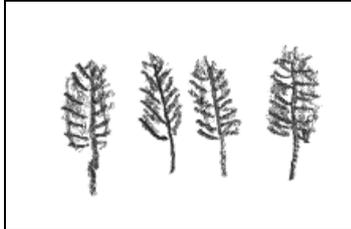


$$1 + 3 = 4$$

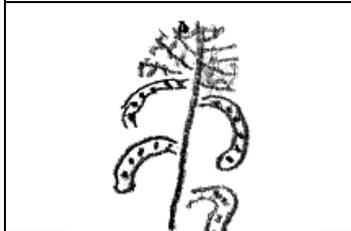




Eri kune urō tō, na kōchōmbē tīla.



Mama kune chunoy guyo, na kōchōmbē tīla.



Na eriya ku sedhey tukur chunoy na kōchōmbē tīla.

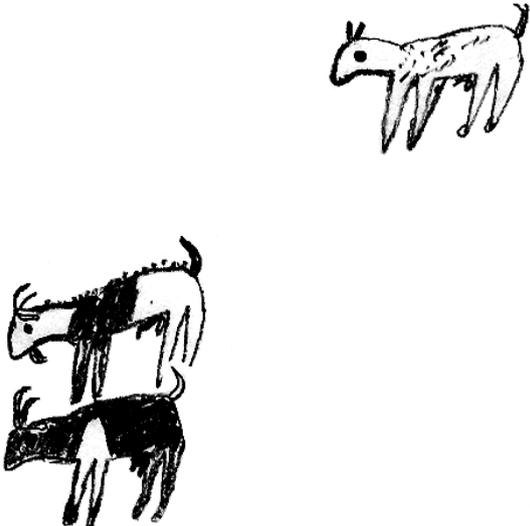
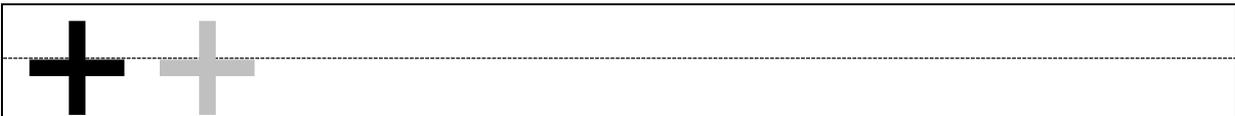


Hiri ko tēri ko eroa gē ēl doriye dhōnē.

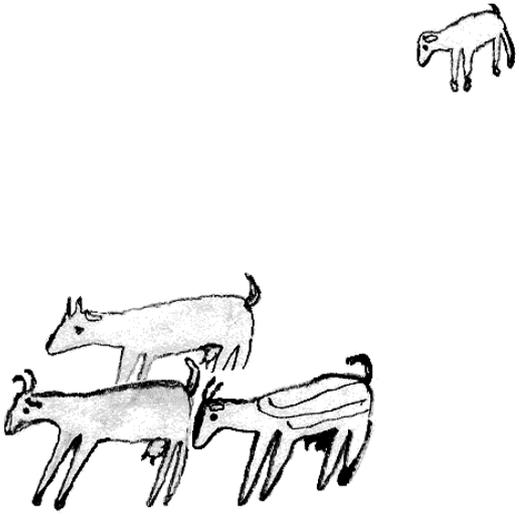
Na hunde kōmōni kunde, te isōng?

$$4 + 1 = \underline{\quad}$$

Idhoy



$2 + 1 = 3$



$3 + 1 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$3 + 2 = \underline{\quad}$

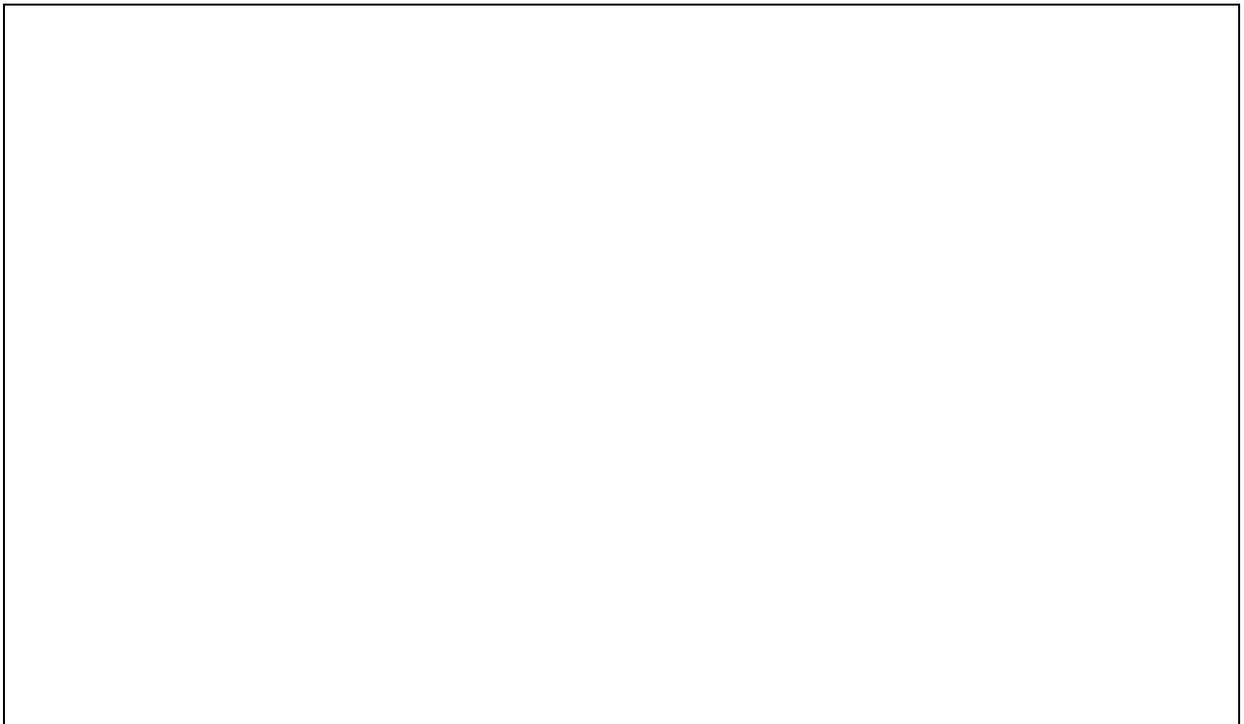
$1 + 4 = \underline{\quad}$

$4 + 1 = \underline{\quad}$

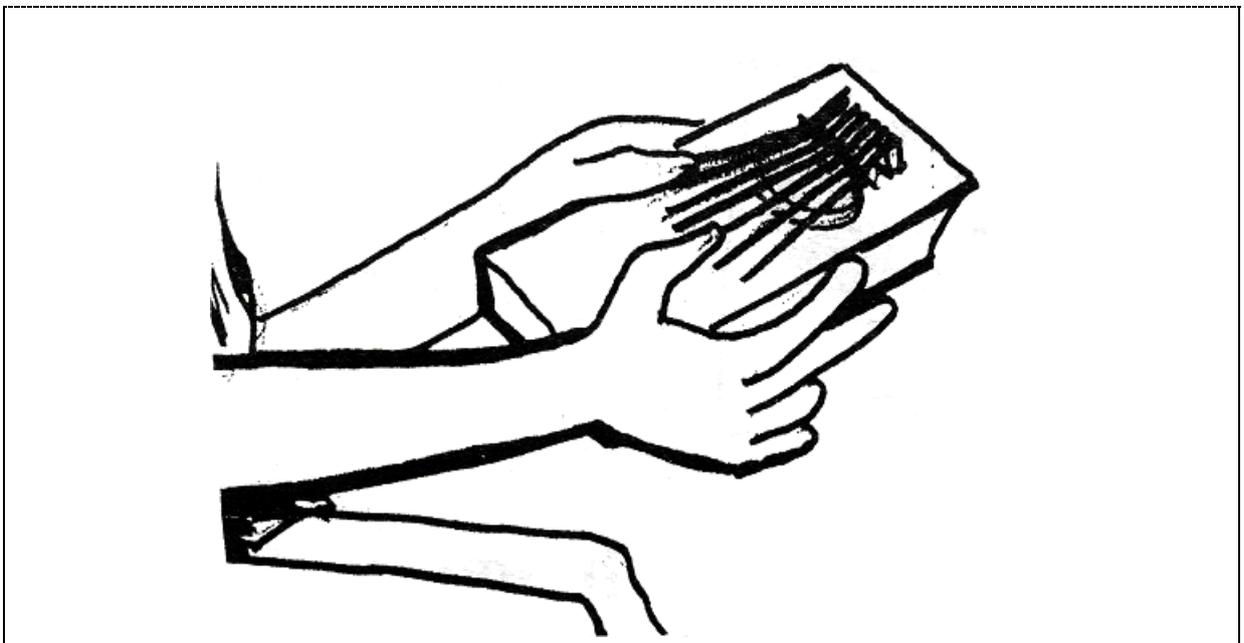
$1 + 2 = \underline{\quad}$

$1 + \underline{\quad} = \underline{\quad}$

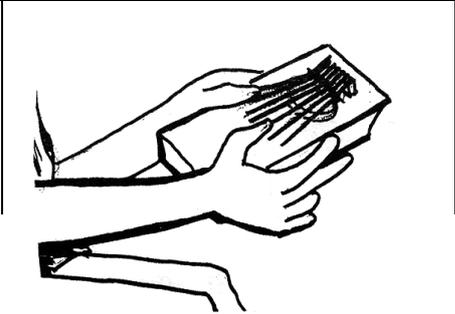
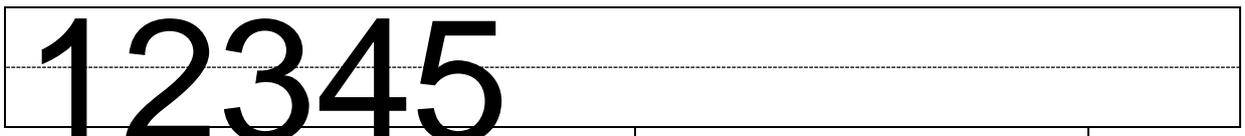
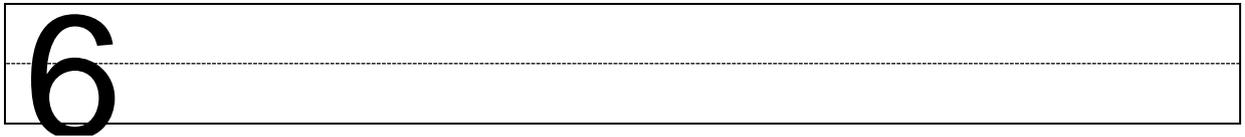
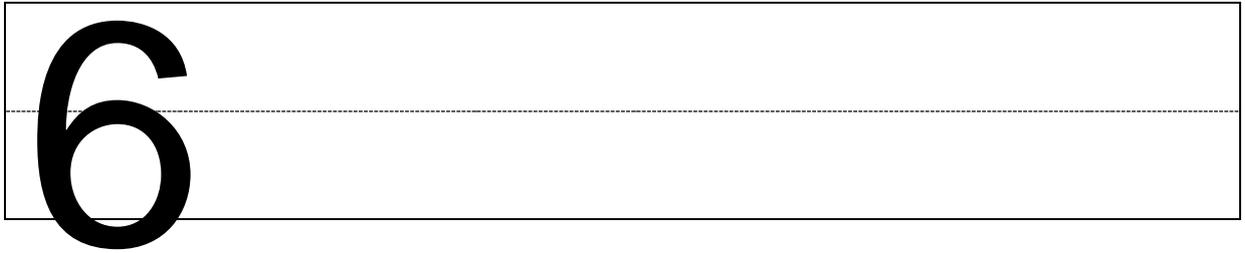
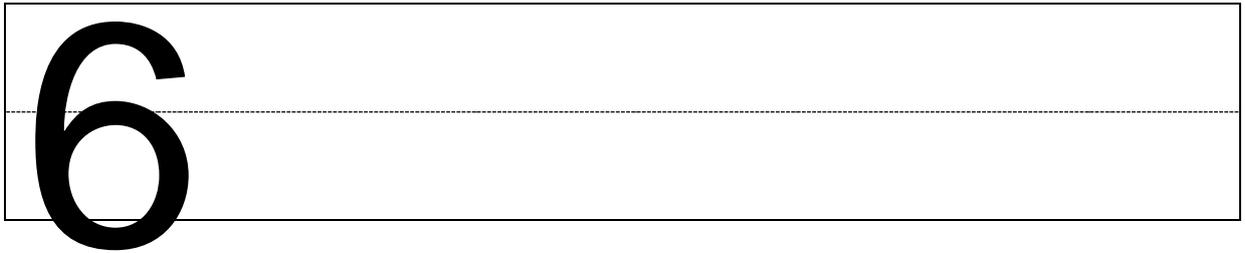
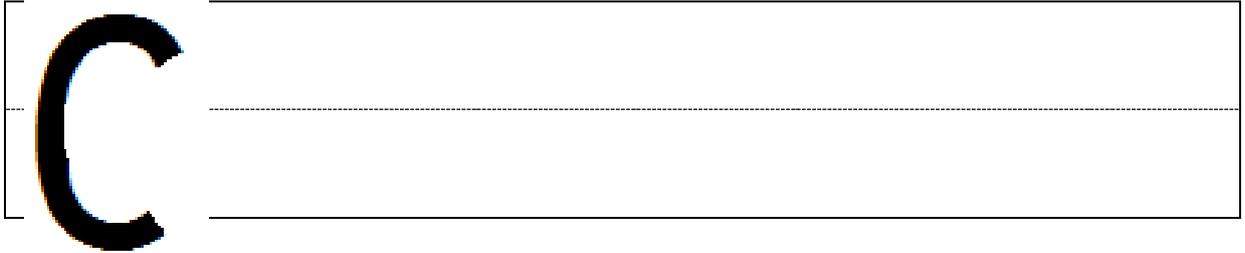
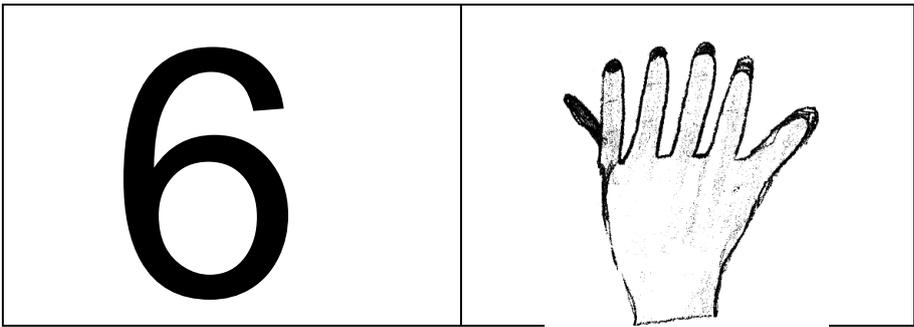




iley	ስድስት	6	six
------	------	---	-----



isabay	ሳባት	7	seven
--------	-----	---	-------



--	--

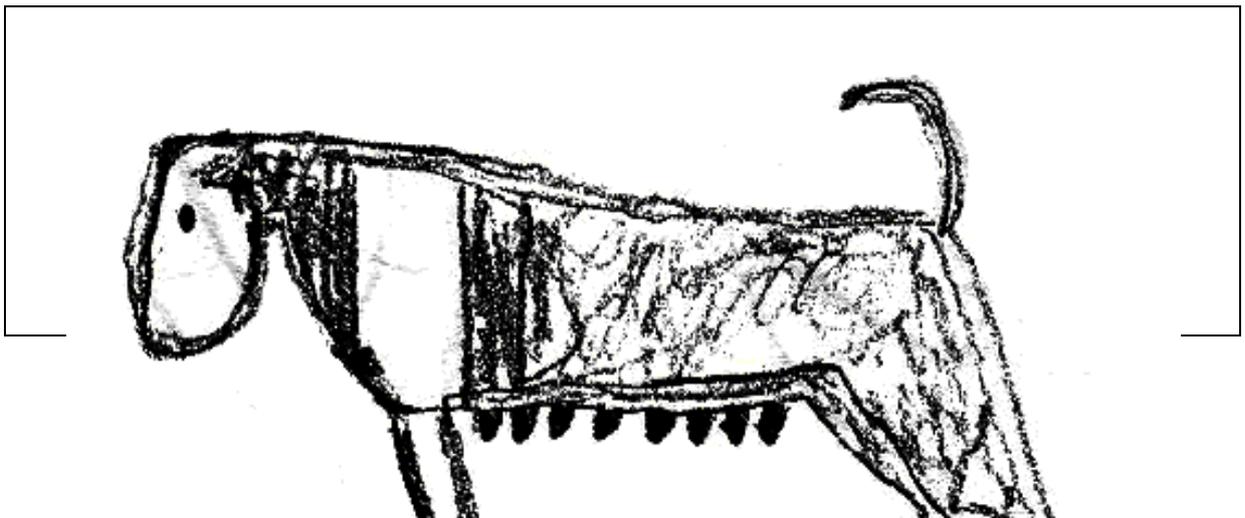
- /

7

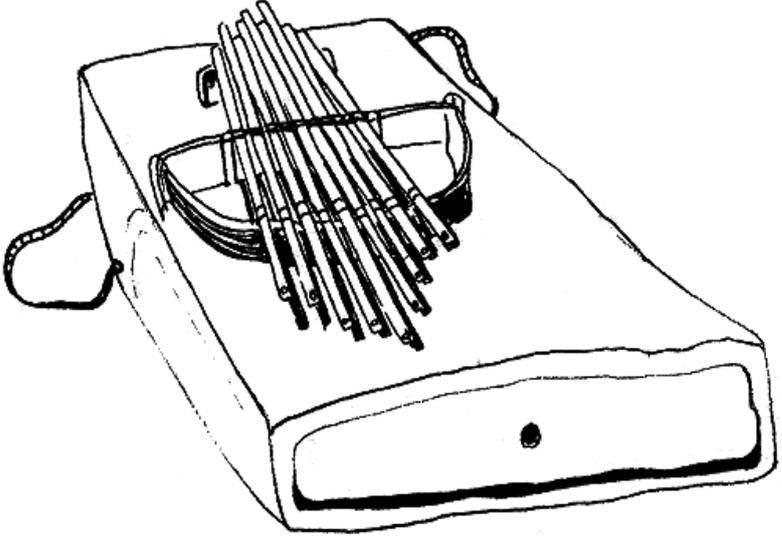
7

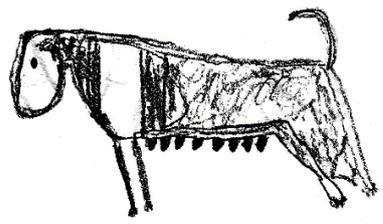
7

123456



isey	ስምንት	8	eight

			
sakal	ዘጠኝ	9	nine

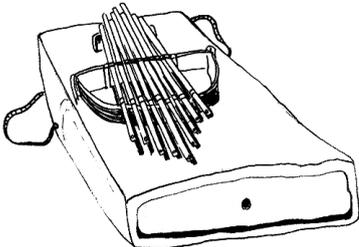
8	
---	--------------------------------------------------------------------------------------

S

8

8

123456

9	
---	--------------------------------------------------------------------------------------

J

O

Blank handwriting practice line.

9

9

9

1 2 3 4 5 6 7 8 9
6

8

9

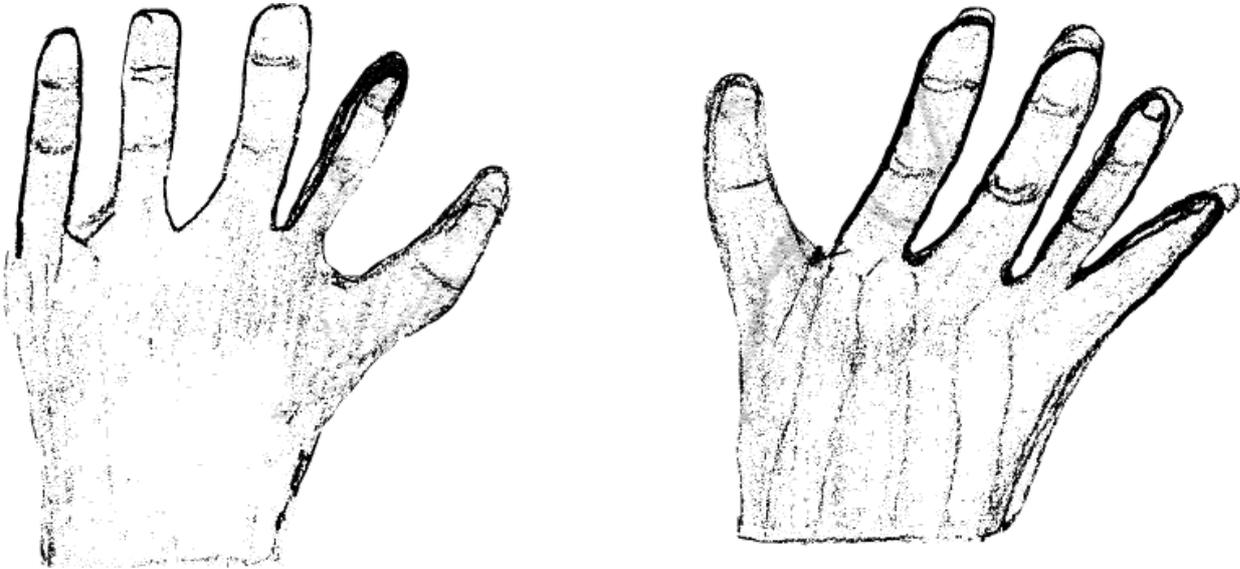
Blank handwriting practice line.

6

8

9

56789

			
təmən	አሥር	10	ten

Toyi ngakuturinya

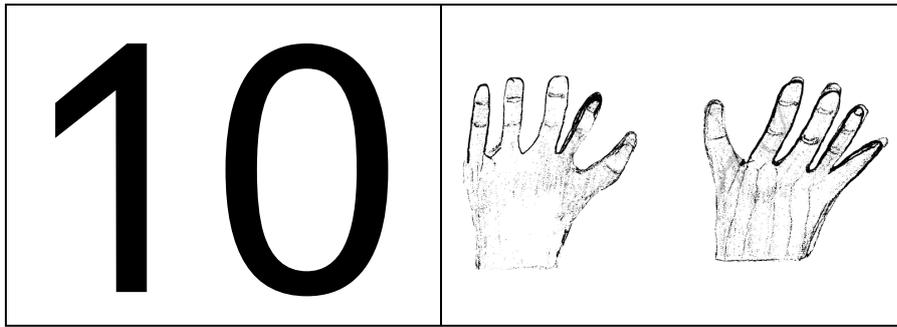
1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

10	9	8	7	6	5	4	3	2	1
----	---	---	---	---	---	---	---	---	---

1	3	5	7	9	1	3	5	7	9
---	---	---	---	---	---	---	---	---	---

2	4	6	8	10	2	4	6	8	10
---	---	---	---	----	---	---	---	---	----

1	4	8	9	3	6	5	2	7	10
---	---	---	---	---	---	---	---	---	----



1

0

0

10

10

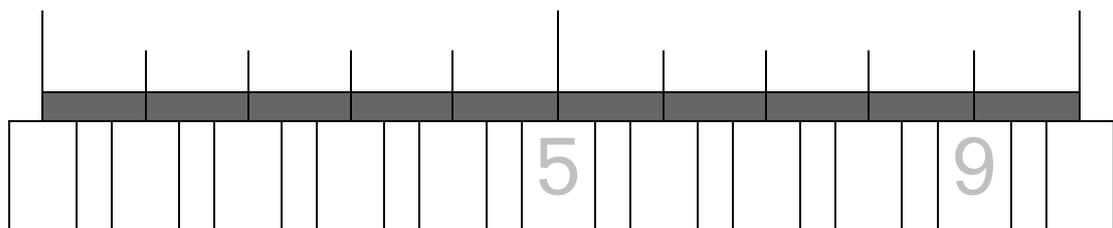
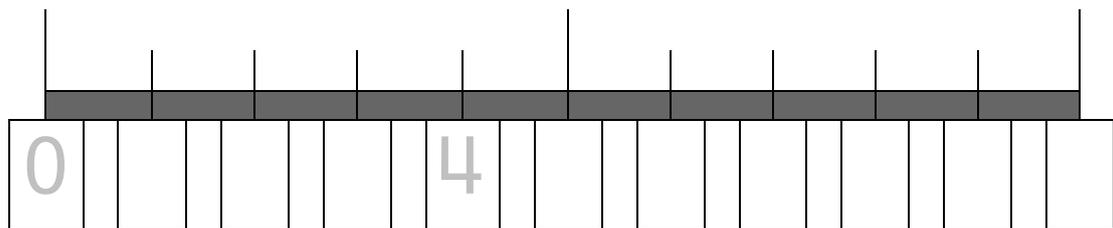
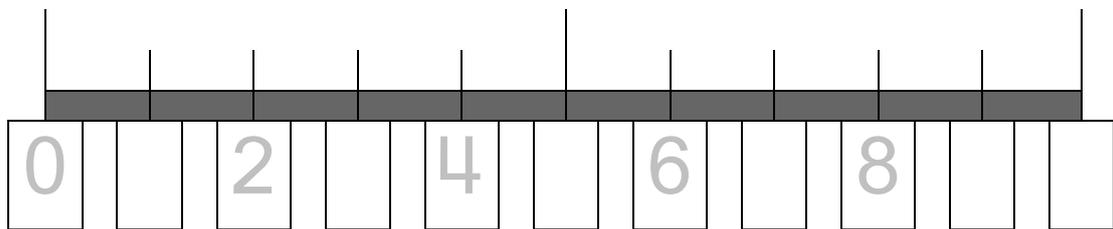
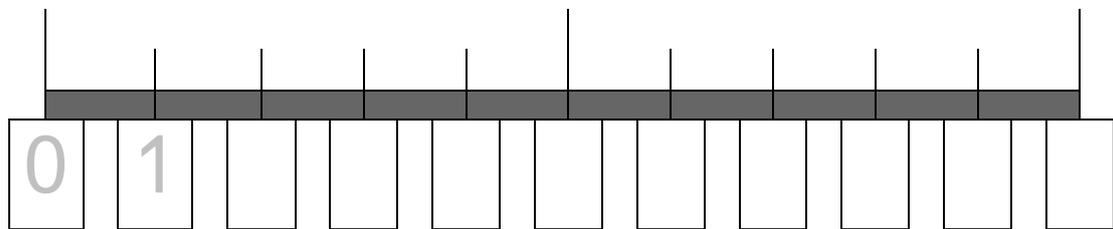
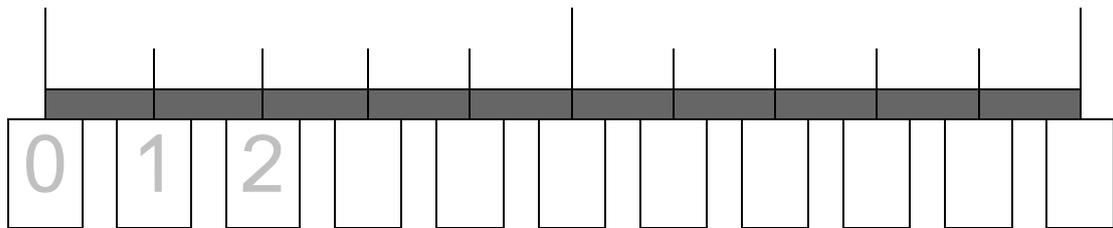
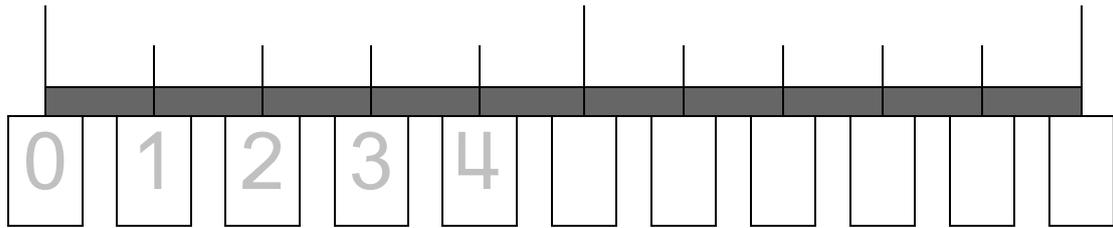
12345678910

Lamiyo ge ngani kəgədhətoye na dhito

1	2	3	4	5	6	7	8	9
1	2	3	4					9
1	2		4		6		8	
1		3		5		7		9
			4				8	
1				5				
	2				6			

Toyi ngabolobota na təgənda kuturinyaye

●●●●● ●●●	8	●●●●● ●	6
●●●		●●●●● ●●	
●●●●●		●●●●●	
●●●●● ●●●●●		●●●●● ●●●●●	
●●		●●●●●	
●●●●● ●●		●●●●● ●●●	



Jim noy?

1	2	3
3	4	
6	7	
8	9	
4	5	
7	8	

1	2	3
4		6
7		9
3		5
8		10
2		4

Кэб noy?

1	2	3
		5
		9
		6
		8
		2

Кэб noy ko jim noy?

1	2	3
	4	
	7	
	5	
	3	
	9	

Ngagiya hεto wo ngahεto?

5	<	8
3		3
9		7
10		8
2		2
7		3
8		

2	<	8
6	<	
4	<	
7	=	
8	<	
10	<	
	<	

1	<	4
	<	8
	=	9
	<	5
	=	9
	=	6
	<	

Idhoy

$4 + 1 = 5$
$3 + 2 =$
$3 + 7 =$
$2 + 7 =$
$6 + 4 =$
$3 + 4 =$
$5 + 4 =$

$4 + 4 = 8$
$5 + 5 =$
$6 + 3 =$
$3 + 3 =$
$1 + 7 =$
$8 + 0 =$
$9 + 1 =$

Ngagiya te ahaa kidhosho

$3 + 3 + 1 = 7$
$3 + 2 + 1 =$
$3 + 1 + 1 =$
$3 + 4 + 1 =$
$4 + 2 + 1 =$
$6 + 2 + 1 =$
$5 + 2 + 1 =$
$7 + 2 + 1 =$
$4 + 4 + 1 =$
$1 + 3 + 2 =$
$1 + 3 + 4 =$
$3 + 1 + 3 =$
$5 + 3 + 1 =$
$3 + 3 + 3 =$
$2 + 2 + =$
$4 + + =$

$5 + 1 + 1 = 7$
$4 + 4 + 1 =$
$8 + 1 + 1 =$
$2 + 3 + 5 =$
$6 + 1 + 2 =$
$2 + 4 + 3 =$
$4 + 3 + 2 =$
$7 + 2 + 1 =$
$5 + 3 + 1 =$
$2 + 7 + 1 =$
$1 + 8 + 1 =$
$1 + 5 + 3 =$
$2 + 6 + 2 =$
$1 + 4 + 5 =$
$2 + 3 + =$
$+ + =$

Ngagiya te ahaa kengerra

3	
1	2
0	3
3	0
2	1

4	
3	
2	
1	
0	

5	
1	
2	
3	
5	

6	
1	
2	
3	
4	
5	
6	
0	

7	
1	
2	
3	
4	
5	
6	
7	

8	
3	
8	
2	
0	
4	
6	
1	

Ngagiya te ahaa kengerra

6	
●●●●	●●
4	2

5	
●●	●●●
2	3

3	
●	
1	

9	
●●●● ●	
5	

5	
●●	
2	

8	
●●●●	
4	

7	
●●●	
3	

8	
●●●●	
4	

10	
●●	
2	

6	
●●●●	
4	

6	
●●●	
3	

6	
●	
1	

9	
●●●● ●●	
6	

9	
●●	
2	

9	
●●●●	
4	

Kedha



Roriya ke Ngadinu lo beye ku sakal.

Na wush ergi ghunchi bhoy.

Na dhoyne isong?

$$9 - 4 = \underline{\quad}$$

Kedha



Tɛriya ke Ngatigo lo sigoa jagaruny tɔmɔn na sizi
ngerɛsɛn Ngakoshi na kɔgɛ wolologiye.

Na dhɔynɛ isɔng?

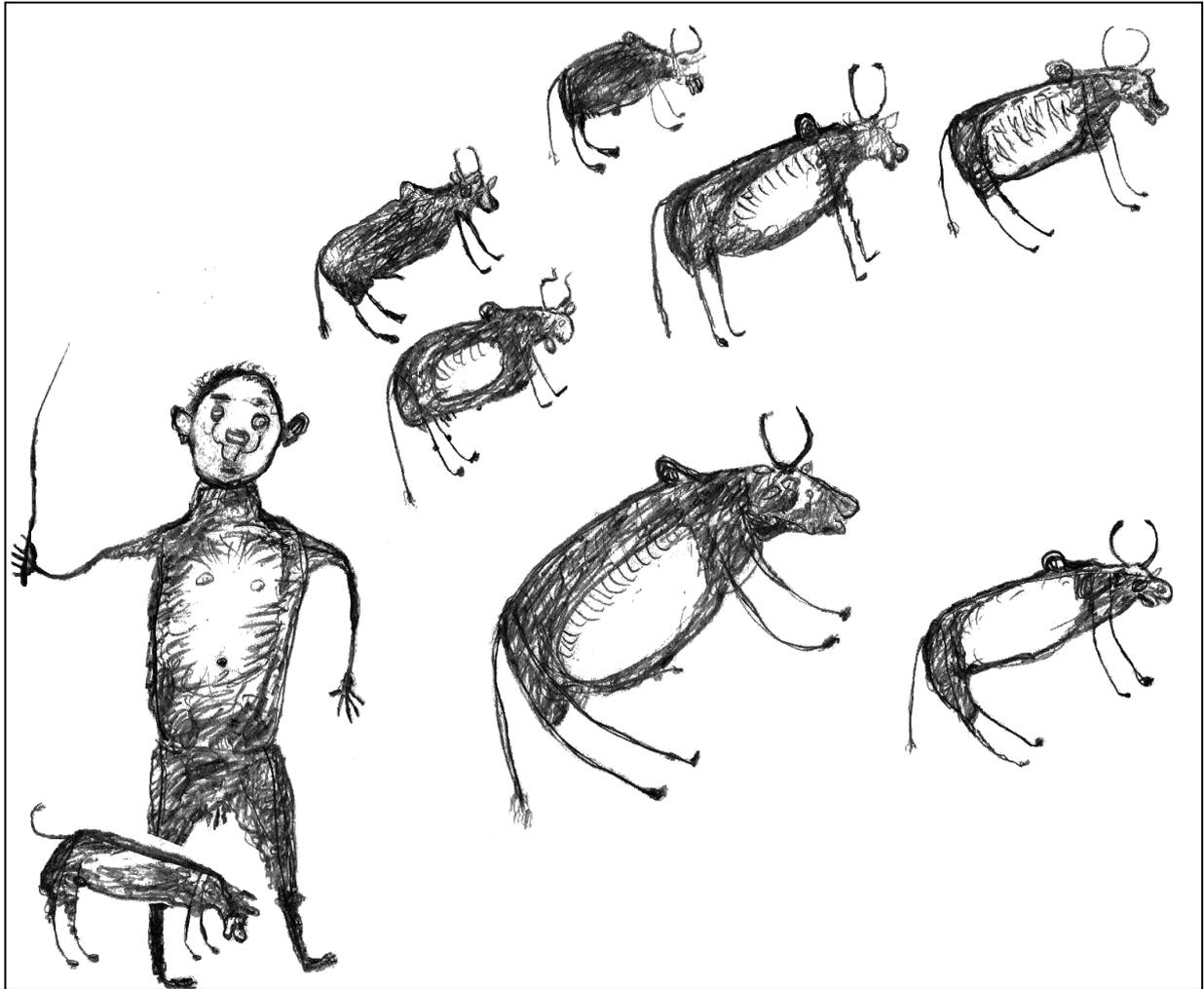
$$10 - 3 = \underline{\quad}$$

Kedha

$5 - 1 = 4$	$7 - 1 = 6$	$9 - 1 = 8$
$5 - 2 =$	$7 - 2 =$	$9 - 2 =$
$5 - 3 =$	$7 - 3 =$	$9 - 3 =$
$5 - 4 =$	$7 - 4 =$	$9 - 4 =$
$5 - 5 =$	$7 - 5 =$	$9 - 5 =$

$6 - 6 =$	$8 - 7 =$	$10 - 1 =$
$6 - 5 =$	$8 - 6 =$	$10 - 2 =$
$6 - 4 =$	$8 - 5 =$	$10 - 3 =$
$6 - 3 =$	$8 - 4 =$	$10 - 4 =$
$6 - 2 =$	$8 - 3 =$	$10 - 9 =$

$9 - 2 =$	$10 - 3 =$	$3 - 3 =$
$3 - 2 =$	$8 - 2 =$	$3 - 2 =$
$5 - 4 =$	$7 - 7 =$	$8 - 1 =$
$6 - 4 =$	$7 - 5 =$	$7 - 4 =$
$8 - \quad =$	$9 - \quad =$	$_ - _ = _$



Liya ke Barluguru iwo beyo sakal na tungu. Na hunde
bansanaye dha beyo dhote isabay song.

Na garse ge ku isong?

$$9 - \underline{\quad} = 7$$

$10 - 4 =$	$9 - 5 =$	$10 - 5 =$
$6 - 2 =$	$6 - 4 =$	$10 - 3 =$
$5 - 3 =$	$7 - 3 =$	$4 - 3 =$
$4 - 2 =$	$8 - 4 =$	$8 - 3 =$
$7 - 2 =$	$5 - 0 =$	$7 - 6 =$

$10 - 1 = 9$	$8 - \underline{\quad} = 7$	$6 - \underline{\quad} = 5$
$10 - \underline{\quad} = 5$	$8 - \underline{\quad} = 1$	$6 - \underline{\quad} = 1$
$10 - \underline{\quad} = 4$	$8 - \underline{\quad} = 4$	$6 - \underline{\quad} = 4$
$10 - \underline{\quad} = 2$	$8 - \underline{\quad} = 6$	$7 - \underline{\quad} = 4$
$10 - \underline{\quad} = 7$	$8 - \underline{\quad} = 3$	$9 - \underline{\quad} = 7$

$2 - \underline{\quad} = 1$	$8 - \underline{\quad} = 5$	$8 - \underline{\quad} = 2$
$6 - \underline{\quad} = 1$	$6 - \underline{\quad} = 3$	$6 - \underline{\quad} = 0$
$8 - \underline{\quad} = 1$	$9 - \underline{\quad} = 9$	$7 - \underline{\quad} = 0$
$9 - \underline{\quad} = 1$	$6 - \underline{\quad} = 3$	$9 - \underline{\quad} = 0$
$4 - \underline{\quad} = 1$	$5 - \underline{\quad} = 2$	$1 - \underline{\quad} = 1$

$3 + 2 = 5$	$3 + 5 = 8$	$5 + \underline{\quad} = 10$
-------------	-------------	------------------------------

$5 + 3 =$	$1 + \underline{\quad} = 7$	$3 + \underline{\quad} = 10$
$4 + 1 =$	$5 + \underline{\quad} = 9$	$1 + \underline{\quad} = 10$
$6 + 2 =$	$3 + \underline{\quad} = 8$	$7 + \underline{\quad} = 10$
$7 + 2 =$	$8 + \underline{\quad} = 9$	$0 + \underline{\quad} = 10$

$10 - 5 = 5$	$6 - 1 = 5$	$10 - \underline{\quad} = 6$
$8 - 4 =$	$7 - \underline{\quad} = 1$	$10 - \underline{\quad} = 3$
$6 - 3 =$	$8 - \underline{\quad} = 5$	$10 - \underline{\quad} = 2$
$4 - 2 =$	$9 - \underline{\quad} = 4$	$10 - \underline{\quad} = 7$
$6 - 2 =$	$7 - \underline{\quad} = 4$	$10 - \underline{\quad} = 0$

9	
4	5
6	
3	
1	
2	

Ngera

10	
1	
8	
4	
3	
10	

Idhoy

$2 + 3 + 1 = 6$

$3 + 3 + 3 =$

$3 + 4 + 3 =$
$6 + 2 + 2 =$
$4 + 3 + 0 =$
$3 + 3 + 2 =$
$3 + 4 + 2 =$

$6 + 3 + 0 =$
$2 + 4 + 2 =$
$2 + 2 + 2 =$
$10 + 0 + 0 =$
$\underline{\quad} + \underline{\quad} + \underline{\quad} =$

Kedha

$7 - 2 - 1 = 4$
$9 - 3 - 4 =$
$7 - 2 - 2 =$
$4 - 1 - 2 =$
$7 - 6 - 1 =$
$8 - 5 - 1 =$

$8 - 4 - 4 =$
$9 - 3 - 3 =$
$6 - 2 - 1 =$
$10 - 3 - 4 =$
$10 - 1 - 5 =$
$10 - \underline{\quad} - \underline{\quad} =$

Idhoy ko kedha kari

$2 + 3 =$	$4 + 2 =$	$5 + 3 =$
$5 - 2 =$	$6 - 2 =$	$8 - 3 =$
$5 - 3 =$	$6 - 4 =$	$8 - 5 =$

Kuturinya 10 – 20

Ngagiya a birinyaa bariya ke Ngasiwon.

Na a birinya isong?

		
1	2	12

Ngagiya a birinyaa teriya nyagasa ke Ngakigey.

Na a birinya isong?

		
_____	_____	_____

Ngagiya a birinyaa nyalalnaya ke Ngaberu.

Na a birinya isong?

		
_____	_____	_____

Kuturinya 10 – 20

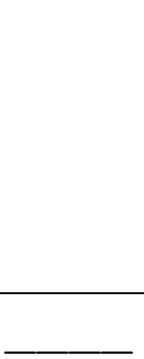
Ngagiya a birinyaa karuya ke Ngadhishimoy.
Na a birinya isong?

		
1	4	_____

Ngagiya a birinyaa sedheya ku tugo koroyay ke Ngagola.
Na a birinya isong?

		
_____	_____	_____

Ngagiya a birinyaa tegaya ke Bartu. Na a birinya isong?

		
_____	_____	_____

Ngabirinyaa a isong?



Ngagiya a birinyaa roriya ke Ngabirin na a _____.



Ngagiya a birinyaa tɛriya ke Ngagunya na a _____.



Ngagiya a birinyaa nyalalnaya ke Ngasedhe na a _____.



Ngagiya a birinyaa sedheya ku tugi suralday ke Ngahara

na a _____.

Birinyaa rēgheyā	Birinyaa Chaga	Kari te isong?
		
1	3	13
1	9	
1	1	
2	0	
1	4	
1	8	
1	2	
1	7	

	$10 + 0 = \underline{\quad}$
	$10 + 1 = \underline{\quad}$
	$10 + 2 = \underline{\quad}$
	$10 + \underline{\quad} = \underline{\quad}$
	$10 + \underline{\quad} = \underline{\quad}$

Lamiyo ge ngani kəgədhətoye na dhito

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

1	2	3	4	5			8		10			13	14	15		17		19	20
---	---	---	---	---	--	--	---	--	----	--	--	----	----	----	--	----	--	----	----

1	2		4		6		8		10		12		14		16		18		20
---	---	--	---	--	---	--	---	--	----	--	----	--	----	--	----	--	----	--	----

1	2	3				7			10	11							17	18	19	20
---	---	---	--	--	--	---	--	--	----	----	--	--	--	--	--	--	----	----	----	----

1				5					10						15					20
---	--	--	--	---	--	--	--	--	----	--	--	--	--	--	----	--	--	--	--	----

		3			6			9			12				15			18		
--	--	---	--	--	---	--	--	---	--	--	----	--	--	--	----	--	--	----	--	--

Təgədhə 1, 2, 4, 5, 8, 9, 11, 12, 14, 15, 17, 18 səng

1	2		4	5			8	9		11	12									
---	---	--	---	---	--	--	---	---	--	----	----	--	--	--	--	--	--	--	--	--

Təgədhə 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 səng

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Təgədhə 3, 6, 9, 12, 15, 18, 20 səng

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Təgədhə 4, 8, 12, 16, 20 səng

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Təgədhə 5, 10, 15, 20 səng

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Təgədhə 1, 11, 7, 19, 3, 14, 13, 12, 5 səng

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Jim noy?

7	8	9
9	10	
15	16	
18	19	
0	1	
8	9	

4	5	6
17		19
18		20
0		2
9		11

Кэб ной?

1	2	3
		20
		10
		4
		15
		12

Jim ной ко кэб ной?

3	4	5
	10	
	19	
	1	
	8	
	13	

Нэтэ wo ngaheto?

15	=	15
15	<	19
11		8
0		4
16		16
20		10

2	<	10
17	>	
13	=	
20	>	
11	<	
1	>	

4	<	10
	=	19
	>	19
	<	11
	<	4
	=	15

Kihinno 13 na 10 ελλε na kotore isong? Kotore 3.

$$13 = 10 + 3$$

$$15 = 10 + \underline{\quad}$$

$$18 = 10 + \underline{\quad}$$

$$12 = 10 + \underline{\quad}$$

$$20 = 10 + \underline{\quad}$$

$$14 = 10 + 4$$

$$17 = 10 + \underline{\quad}$$

$$16 = 10 + \underline{\quad}$$

$$11 = 10 + \underline{\quad}$$

$$19 = 10 + \underline{\quad}$$

$$10 + 7 = 17$$

$$10 + 3 =$$

$$10 + 9 =$$

$$10 + 4 =$$

$$10 + 2 = 12$$

$$10 + 8 =$$

$$10 + 1 =$$

$$10 + 5 =$$

$$15 = 10 + 5$$

$$15 = 12 + \underline{\quad}$$

$$15 = 14 + \underline{\quad}$$

$$15 = \underline{\quad} + 13$$

$$19 = 10 + 9$$

$$19 = 15 + \underline{\quad}$$

$$19 = \underline{\quad} + 8$$

$$19 = \underline{\quad} + \underline{\quad}$$

$$17 = 10 + 7$$

$$17 = 16 + \underline{\quad}$$

$$17 = \underline{\quad} + 11$$

$$17 = \underline{\quad} + \underline{\quad}$$

$$20 = 10 + 10$$

$$20 = 14 + \underline{\quad}$$

$$20 = \underline{\quad} + 17$$

$$20 = \underline{\quad} + \underline{\quad}$$

Idhoy

		
2	+ 2	= <u> </u>
		
<u> </u>	+ 2	= <u> </u>

		
1	+ 1	= <u> </u>
		
<u> </u>	+ 1	= <u> </u>

$4 + 5 = 9$
$14 + 5 = 19$

$3 + 2 =$
$13 + 2 =$

$1 + 7 =$
$11 + 7 =$

$5 + 4 =$
$15 + 4 =$

$5 + 5 =$
$15 + 5 =$

$8 + 2 =$
$18 + 2 =$

$1 + 8 =$
$11 + 8 =$

$2 + 5 =$
$12 + 5 =$

$4 + 3 =$
$14 + 3 =$

$3 + 7 =$
$13 + 7 =$

$6 + 3 =$
$16 + 3 =$

$5 + 2 =$
$15 + 2 =$

$3 + 5 =$
$13 + 5 =$

$8 + 1 =$
$18 + 1 =$

$7 + 3 =$
$17 + 3 =$

$4 + 2 =$
$14 + 2 =$

$5 + 1 =$
$15 + 1 =$

$6 + 2 =$
$16 + 2 =$

$3 + 1 =$
$13 + 1 =$

$9 + 1 =$
$19 + 1 =$

$2 + 4 =$
$12 + 4 =$

$5 + 3 =$
$15 + 3 =$

$2 + 7 =$
$12 + 7 =$

$2 + 8 =$
$12 + 8 =$

Κεδha

$8 - 5 = 3$ $18 - 5 = 13$	$9 - 8 =$ $19 - 8 =$
$3 - 2 =$ $13 - 2 =$	$5 - 1 =$ $15 - 1 =$
$7 - 4 =$ $17 - 4 =$	$9 - 4 =$ $19 - 4 =$
$9 - 2 =$ $19 - 2 =$	$6 - 4 =$ $16 - 4 =$
$10 - 4 =$ $20 - 4 =$	$10 - 9 =$ $20 - 9 =$
$7 - 3 =$ $17 - 3 =$	$4 - 1 =$ $14 - 1 =$
$8 - 4 =$ $18 - 4 =$	$10 - 5 =$ $20 - 5 =$
$6 - 5 =$ $16 - 5 =$	$7 - 2 =$ $17 - 2 =$
$5 - 3 =$ $15 - 3 =$	$4 - 3 =$ $14 - 3 =$
$10 - 6 =$ $20 - 6 =$	$10 - 8 =$ $20 - 8 =$
$2 - 1 =$ $12 - 1 =$	$9 - 3 =$ $19 - 3 =$

Ngεra

14	
4	10
1	
14	
2	
10	
3	
12	
0	

18	
8	10
17	
6	
0	
18	
8	
3	
16	

10		
4	4	2
2	5	
6	1	
2	4	
3	3	
5	5	
1	1	
7	1	

20	
11	9
15	
19	
20	
17	
16	
12	
18	
13	

20	
19	1
17	
10	
0	
18	
11	
12	
16	
15	

20	
1	19
15	
	0
18	
	17
16	
	14
12	
	20

19	
18	1
17	
10	
15	
11	
16	
1	

13	
3	10
10	
11	
12	
13	
1	
0	

9		
2	2	5
4	3	
5	1	
0	8	
1	4	
8	1	
3	3	
4	4	

15	
14	1
11	
10	
13	
2	
3	
4	
12	

16	
14	2
10	
15	
2	
1	
5	
11	
12	

17	
11	6
10	
12	
16	
15	
13	
14	
1	

Idhoy ko kedha

+	4	6	1	8	5	7	3
2	6						
12	16						

-	2	4	6	3	5	0	1	7
8	6							
18	16							

+	3	1	4	2
5	8			
15	18			

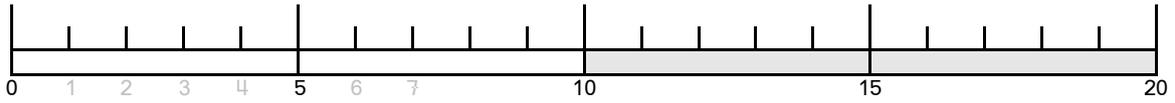
-	3	6	1	5
9	6			
19	16			

+	3	0	2	5
15	18			
16	19			

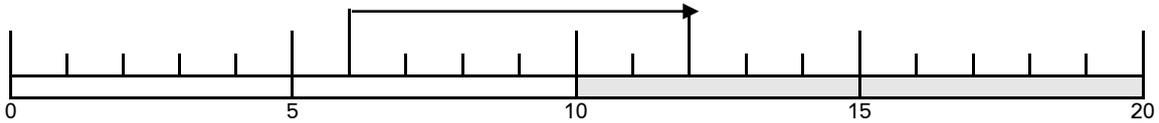
-	3	8	1	9
20	17			
18	15			

$4 + 3 =$	$7 + 2 =$	$10 + 4 =$	$8 + 2 =$
$7 - 3 =$	$9 - 2 =$	$14 - 4 =$	$10 - 2 =$
$9 + 1 =$	$15 + 2 =$	$10 + 8 =$	$19 + 1 =$
$10 - 1 =$	$17 - 2 =$	$18 - 8 =$	$\underline{\quad} - 1 =$

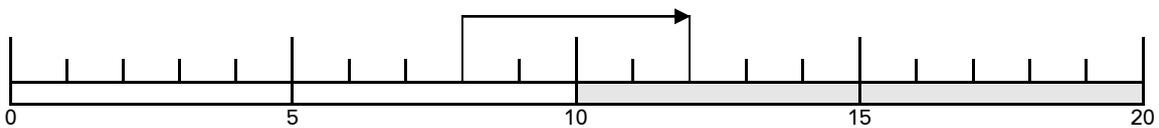
Dhi ngatanda ku tolloye



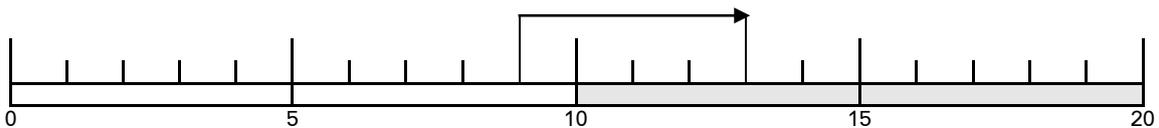
Toyi ngabolobota na cheri lagun na tógonda kuturinyaye.



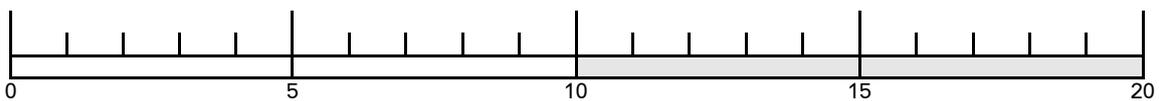
$$6 + 6 =$$



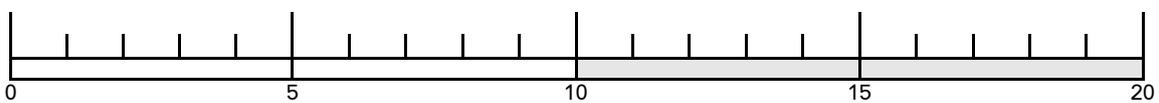
$$8 + 4 =$$



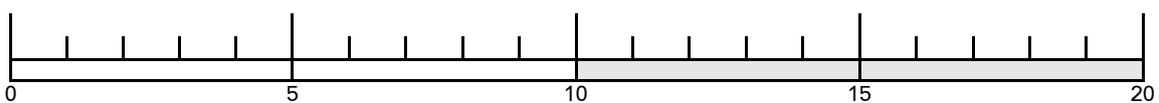
$$9 + 4 =$$



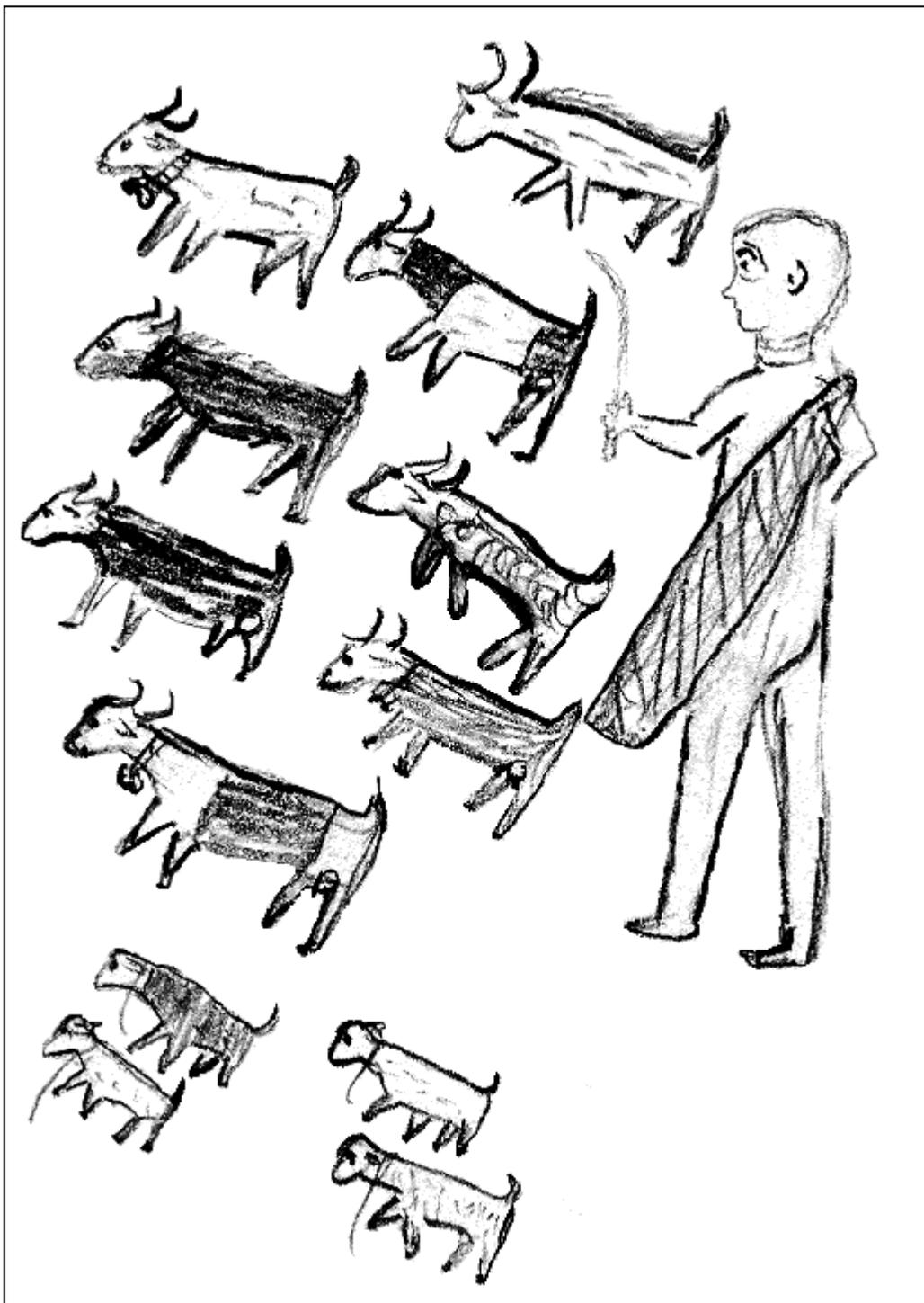
$$7 + 8 =$$



$$7 + 5 =$$



$$5 + 9 =$$



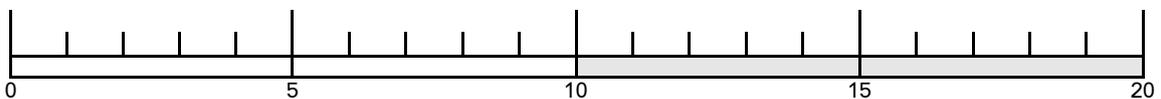
Hirre ke Bukoro lo tende ku isey na wush
iritε. Na hunde idhoyte a isong?

$$8 + 4 = \underline{\quad}$$



Bardulla lo beyo isabay na ko mayagiye
na talana morra hayna.
Na hunde idhoyte te isong?

$$7 + \underline{\quad} = \underline{\quad}$$



$8 + 4 = 12$	$6 + 8 = \underline{\quad}$
$8 + 2 + 2 = 12$	$6 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$7 + 9 = 16$	$5 + 7 = \underline{\quad}$
$7 + 3 + 6 = 16$	$5 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$8 + 5 = \underline{\quad}$	$6 + 5 = \underline{\quad}$
$8 + 2 + \underline{\quad} = \underline{\quad}$	$6 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$7 + 4 = \underline{\quad}$	$5 + 6 = \underline{\quad}$
$7 + 3 + \underline{\quad} = \underline{\quad}$	$5 + \underline{\quad} + \underline{\quad} = \underline{\quad}$

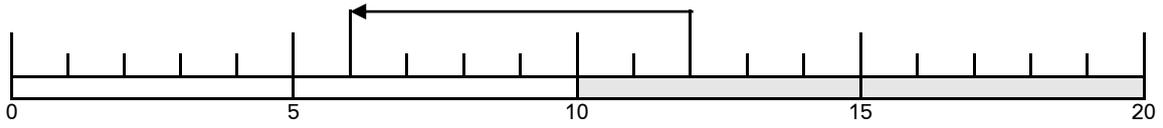
$8 + 6 = \underline{\quad}$	$6 + 7 = \underline{\quad}$
$8 + 2 + \underline{\quad} = \underline{\quad}$	$6 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$7 + 6 = \underline{\quad}$	$5 + 9 = \underline{\quad}$
$7 + 3 + \underline{\quad} = \underline{\quad}$	$5 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$9 + 5 = \underline{\quad}$	$9 + 7 = \underline{\quad}$
$9 + 1 + \underline{\quad} = \underline{\quad}$	$9 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$9 + 4 = \underline{\quad}$	$9 + 2 = \underline{\quad}$
$9 + 1 + \underline{\quad} = \underline{\quad}$	$9 + \underline{\quad} + \underline{\quad} = \underline{\quad}$
$9 + 6 = \underline{\quad}$	$9 + 8 = \underline{\quad}$
$9 + 1 + \underline{\quad} = \underline{\quad}$	$9 + \underline{\quad} + \underline{\quad} = \underline{\quad}$

$7 + 3 + 6 =$	$6 + 4 + 7 =$	$1 + 9 + 8 =$
$4 + 6 + 4 =$	$9 + 1 + 5 =$	$3 + 7 + 4 =$
$9 + 1 + 8 =$	$5 + 5 + 7 =$	$1 + 9 + 1 =$
$8 + 2 + 3 =$	$6 + 4 + 5 =$	$2 + 8 + 1 =$
$5 + 5 + 2 =$	$2 + 8 + 4 =$	$7 + 3 + 3 =$

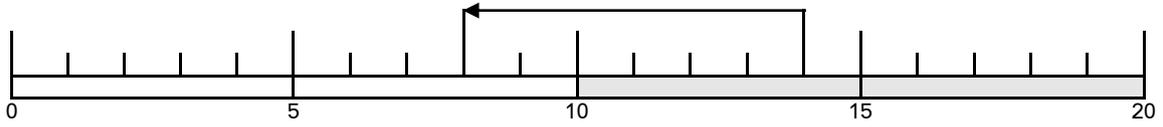
$6 + 6 =$	$8 + 4 =$	$9 + 4 =$
$7 + 7 =$	$8 + 7 =$	$7 + 8 =$
$8 + 8 =$	$8 + 5 =$	$5 + 9 =$
$9 + 9 =$	$8 + 6 =$	$6 + 7 =$
$5 + 5 =$	$8 + 9 =$	$7 + 5 =$

$5 + 10 =$	$9 + 3 =$	$7 + 3 =$
$9 + 7 =$	$9 + 6 =$	$7 + 6 =$
$6 + 8 =$	$9 + 4 =$	$7 + 5 =$
$7 + 10 =$	$9 + 7 =$	$7 + 4 =$
$4 + 9 =$	$9 + 5 =$	$7 + 8 =$

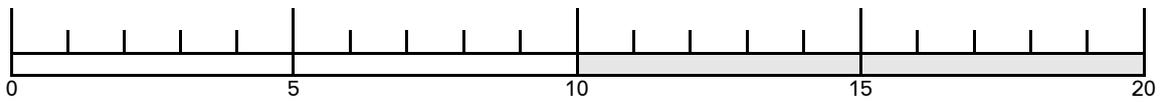
$8 + 5 =$	$7 + 4 =$	$7 + 5 =$
$5 + 8 =$	$4 + 7 =$	$5 + 7 =$
$6 + 5 =$	$9 + 4 =$	$9 + 3 =$



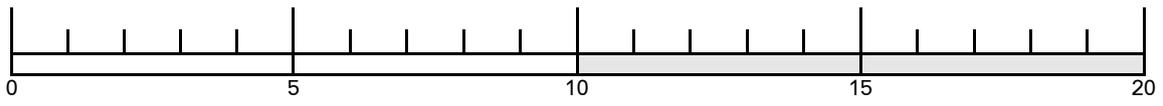
$$12 - 6 =$$



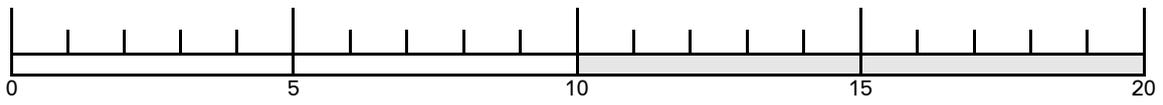
$$14 - 6 =$$



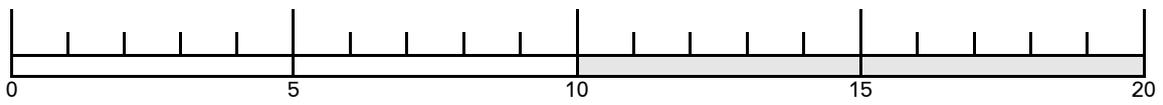
$$16 - 8 =$$



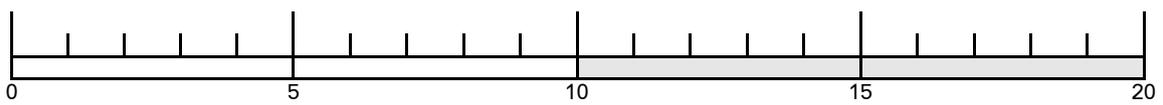
$$18 - 9 =$$



$$12 - 5 =$$



$$13 - 5 =$$



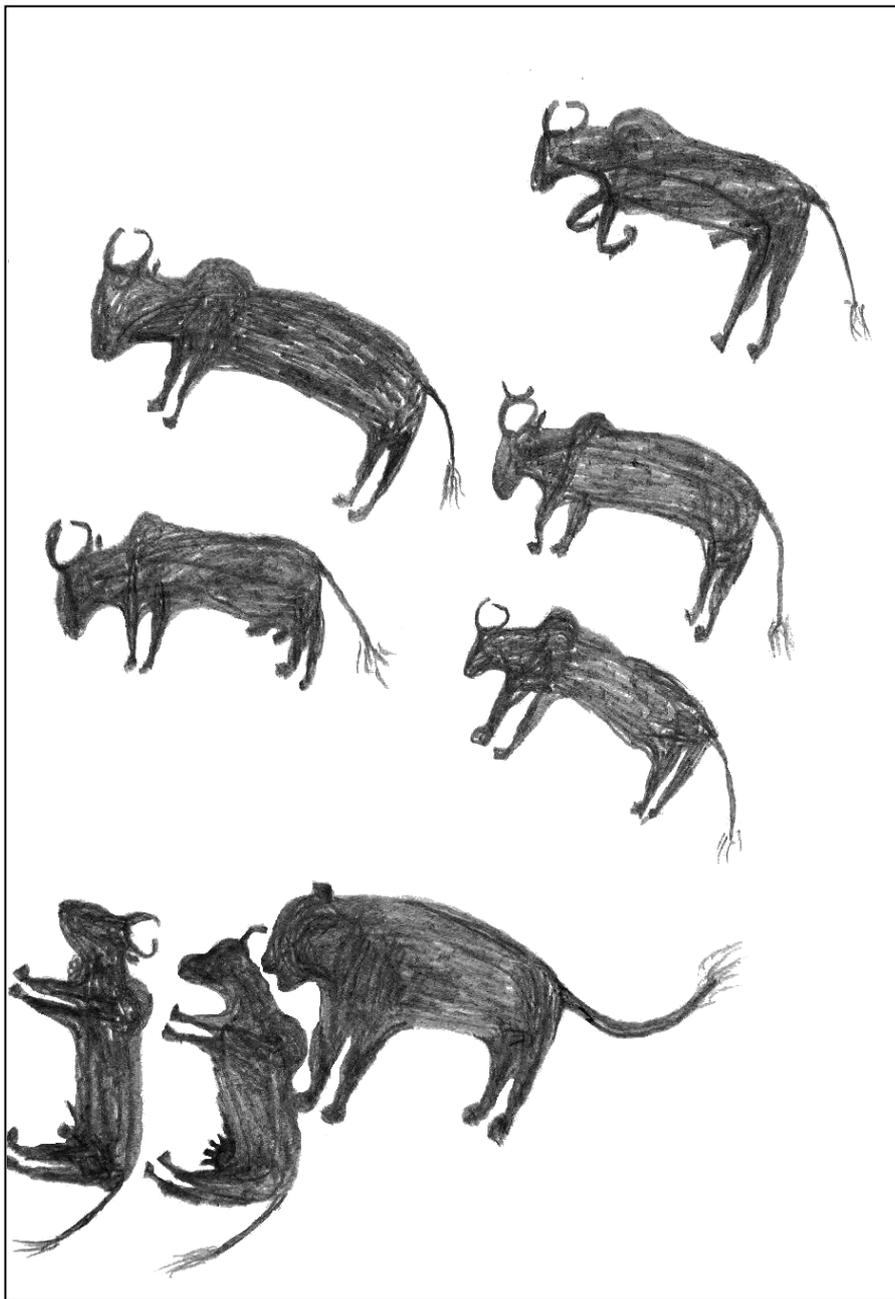
$$11 - 6 =$$

Kedha



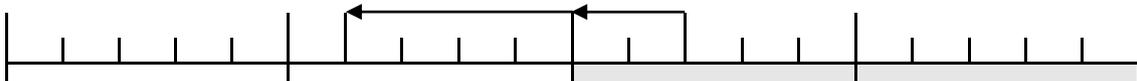
Sedheya ke Ngaguldu lo birinya 13 na oge Lalamerigiye na birinya 4 talay mirayanya. Na meya dhoyne isong?

$$13 - 4 = \underline{\quad}$$



Ngatunyεya a mεri na amε beyo. Na karuyte ke Samεgo
 lo beye ku 15 na baro beyo idhogu ngatunyo. Na beyo 7
 usu ngatunyo. Na mεya to dhoyne isong?

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



$12 - 6 = \underline{\quad}$	$16 - 8 = \underline{\quad}$
$12 - 2 - 4 = \underline{\quad}$	$16 - 6 - 2 = \underline{\quad}$
$13 - 5 = \underline{\quad}$	$15 - 9 = \underline{\quad}$
$13 - 3 - \underline{\quad} = \underline{\quad}$	$15 - 5 - \underline{\quad} = \underline{\quad}$
$17 - 8 = \underline{\quad}$	$11 - 6 = \underline{\quad}$
$17 - 7 - \underline{\quad} = \underline{\quad}$	$11 - 1 - \underline{\quad} = \underline{\quad}$
$14 - 6 = \underline{\quad}$	$13 - 4 = \underline{\quad}$
$14 - 4 - \underline{\quad} = \underline{\quad}$	$13 - \underline{\quad} - \underline{\quad} = \underline{\quad}$

$14 - 5 = \underline{\quad}$	$14 - 6 = \underline{\quad}$
$14 - 4 - 1 = \underline{\quad}$	$14 - 4 - 2 = \underline{\quad}$
$15 - 8 = \underline{\quad}$	$15 - 10 = \underline{\quad}$
$15 - 5 - \underline{\quad} = \underline{\quad}$	$15 - \underline{\quad} - \underline{\quad} = \underline{\quad}$
$16 - 9 = \underline{\quad}$	$14 - 7 = \underline{\quad}$
$16 - 6 - \underline{\quad} = \underline{\quad}$	$14 - \underline{\quad} - \underline{\quad} = \underline{\quad}$
$17 - 9 = \underline{\quad}$	$18 - 7 = \underline{\quad}$
$17 - 7 - \underline{\quad} = \underline{\quad}$	$18 - \underline{\quad} - \underline{\quad} = \underline{\quad}$
$19 - 10 = \underline{\quad}$	$12 - 9 = \underline{\quad}$
$19 - 9 - \underline{\quad} = \underline{\quad}$	$12 - \underline{\quad} - \underline{\quad} = \underline{\quad}$

$16 - 6 - 2 = 8$	$18 - 8 - 5 = 5$	$13 - 3 - 7 = 3$
$14 - 4 - 3 =$	$12 - 2 - 5 =$	$15 - 5 - 3 =$
$17 - 7 - 4 =$	$16 - 6 - 3 =$	$17 - 7 - 0 =$
$12 - 2 - 6 =$	$14 - 4 - 8 =$	$11 - 2 - 4 =$

$12 - 5 =$	$14 - 9 =$	$18 - 9 =$
$11 - 4 =$	$15 - 10 =$	$12 - 6 =$
$10 - 3 =$	$14 - 5 =$	$12 - 3 =$
$13 - 8 =$	$16 - 7 =$	$12 - 7 =$
$13 - 6 =$	$16 - 9 =$	$15 - 5 =$

$13 - 5 =$	$16 - 7 =$	$15 - 7 =$
$13 - 8 =$	$16 - 4 =$	$15 - 8 =$
$13 - 4 =$	$16 - 8 =$	$15 - 6 =$
$11 - 4 =$	$12 - 3 =$	$14 - 4 =$
$11 - 6 =$	$12 - 0 =$	$14 - 6 =$

$11 - 8 =$	$12 - 2 =$	$14 - 8 =$
$11 - 5 =$	$12 - 9 =$	$14 - 9 =$
$16 - 9 =$	$17 - 9 =$	$12 - 3 =$
$7 + 8 =$	$8 + 6 =$	$9 + 3 =$