

MATHEMATICS

Grade 2

**English/
Tshivenda**

**Teacher's
Resource
Pack**

2020 TERM 1

Contents

1	Printable Resources	1
	Printable resource sheets	1
1	Number and number name cards English (lesson 1 and other)	2
2	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	3
3	Number and number name cards English (lesson 1 and other)	4
4	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	5
5	Number and number name cards English (lesson 1 and other)	6
6	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	7
7	Number and number name cards English (lesson 1 and other)	8
8	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	9
9	Number symbol and name cards 21–30 (lesson 7 +)	10
10	Garaṭa dza zwiga zwa nomboro na madzinambalo 21–30 (ngudo ya 7 +)	12
11	Number symbol and name cards 31–40 (lesson 7 +)	14
12	Garaṭa dza zwiga zwa nomboro na madzinambalo 31–40 (ngudo ya 7 +)	16
13	Number symbol and name cards 41–50 (lesson 7 +)	18
14	Garaṭa dza zwiga zwa nomboro na madzinambalo 41–50 (ngudo ya 7 +)	20
15	Ordinal number cards 1 (lesson 48)	22
16	Garaṭa dza nomborothevhekani 1 (ngudo ya 48)	23
17	Ordinal number cards 2 (lesson 48)	24
18	Garaṭa dza nomborothevhekani 2a (ngudo ya 48)	25
2	Written assessment tests	26
	Written Assessment Lesson 8	26
	U linga ha u n'wala Ngudo ya 8	26
	Written Assessment Lesson 14	28
	U linga ha u n'wala Ngudo ya 14	28
	Written Assessment Lesson 18	30
	U linga ha u n'wala Ngudo ya 18	30
	Written Assessment Lesson 23	32
	U linga ha u n'wala Ngudo ya 23	32
	Written Assessment Lesson 29	37
	U linga ha u n'wala Ngudo ya 29	37
	Written Assessment Lesson 39	40
	U linga ha u n'wala Ngudo ya 39	40
	Written Assessment Lesson 47	42
	U linga ha u n'wala Ngudo ya 47	42
	Written Assessment Lesson 49	44
	U linga ha u n'wala Ngudo ya 49	44

1 Printable Resources

Printable resource sheets

This is a list of the mathematical resources that you will need this term. You need to make sure that you have them for the lessons for which they are recommended.

1	Number and number name cards English (lesson 1 and other)	2
2	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	3
3	Number and number name cards English (lesson 1 and other)	4
4	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	5
5	Number and number name cards English (lesson 1 and other)	6
6	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	7
7	Number and number name cards English (lesson 1 and other)	8
8	Garaṭa dza nomboro na madzinambalo (ngudo ya 1 +)	9
9	Number symbol and name cards 21–30 (lesson 7 +)	10
10	Garaṭa dza zwiga zwa nomboro na madzinambalo 21–30 (ngudo ya 7 +)	12
11	Number symbol and name cards 31–40 (lesson 7 +)	14
12	Garaṭa dza zwiga zwa nomboro na madzinambalo 31–40 (ngudo ya 7 +)	16
13	Number symbol and name cards 41–50 (lesson 7 +)	18
14	Garaṭa dza zwiga zwa nomboro na madzinambalo 41–50 (ngudo ya 7 +)	20
15	Ordinal number cards 1 (lesson 48)	22
16	Garaṭa dza nomborothevhekani 1 (ngudo ya 48)	23
17	Ordinal number cards 2 (lesson 48)	24
18	Garaṭa dza nomborothevhekani 2a (ngudo ya 48)	25

RESOURCES FOR EACH DAY OF TEACHING

There are also other resources such as informal resources (old magazines, pieces of string, scrap paper, etc.) that you may need in certain lessons. You should have a careful look at the list of resources needed for each lesson; this list is given in the lesson plans each day. Prepare yourself, so that you have the necessary resources for the lessons on a daily basis.

1 Number and number name cards English (lesson 1 and other)

0	zero
1	one
2	two
3	three
4	four
5	five

2 Garaṭa dza nomboro na madzinambalo (ngudo ya I +)

0	pumu
1	thihi
2	mbili
3	raru
4	ina
5	ṭhanu

3 Number and number name cards English (lesson 1 and other)

6	six
7	seven
8	eight
9	nine
10	ten

4 Garaṭa dza nomboro na madzinambalo (ngudo ya I +)

6	rathi
7	sumbe
8	malo
9	ṭahe
10	fumi

5 Number and number name cards English (lesson 1 and other)

11	eleven
12	twelve
13	thirteen
14	fourteen
15	fifteen

6 Garaṭa dza nomboro na madzinambalo (ngudo ya I +)

11	fumithihi
12	fumimbili
13	fumiraru
14	fumiina
15	fumithanu

7 Number and number name cards English (lesson 1 and other)

16	sixteen
17	seventeen
18	eighteen
19	nineteen
20	twenty

8 Garaṭa dza nomboro na madzinambalo (ngudo ya I +)

16	fumirathi
17	fumisumbe
18	fumimalo
19	fumiṭahe
20	fumbili

9 Number symbol and name cards 21–30 (lesson 7 +)

21	twenty one
22	twenty two
23	twenty three
24	twenty four
25	twenty five

26	twenty six
27	twenty seven
28	twenty eight
29	twenty nine
30	thirty

10 Garaṭa dza zwiḡa zwa nomboro na madzinambalo
21–30 (ngudo ya 7 +)

21	fumbilithihi
22	fumbilimbili
23	fumbiliraru
24	fumbiliina
25	fumbilithanu

26	fumbilirathi
27	fumbilisumbe
28	fumbilimalo
29	fumbilitahe
30	furaru

II Number symbol and name cards 31–40 (lesson 7 +)

31	thirty one
32	thirty two
33	thirty three
34	thirty four
35	thirty five

36	thirty six
37	thirty seven
38	thirty eight
39	thirty nine
40	forty

12 Garaṭa dza zwiḡa zwa nomboro na madzinambalo
31–40 (ngudo ya 7 +)

31	furaruthihi
32	furarumbili
33	furaruraru
34	furaruṅa
35	furaruthanu

36	furarurathi
37	furarusumbe
38	furarumalo
39	furaruṭahe
40	fuiṅa

13 Number symbol and name cards 41–50 (lesson 7 +)

41	forty one
42	forty two
43	forty three
44	forty four
45	forty five

46	forty six
47	forty seven
48	forty eight
49	forty nine
50	fifty

14 Garaṭa dza zwiga zwa nomboro na madzinambalo
41–50 (ngudo ya 7 +)

41	fuiṅ [^] athihi
42	fuiṅ [^] ambili
43	fuiṅ [^] arathi
44	fuiṅ [^] aiṅ [^] a
45	fuiṅ [^] aṭ [^] hanu

46	fuiṅarathi
47	fuiṅasumbe
48	fuiṅamalo
49	fuiṅataahe
50	futhanu

15 Ordinal number cards I (lesson 48)

first		second	
third		fourth	
fifth		sixth	
seventh		eighth	
ninth		tenth	
1st	2nd	3rd	4th
5th	6th	7th	8th
9th	10th	11th	12th
13th	14th	15th	16th
17th	18th	19th	20th

16 Garaṭa dza nomborothevhekani I (ngudo ya 48)

ya u thoma/ u ranga		ya vhuvhili	
ya vhuraru		ya vhuṅa	
ya vhuṭanu		ya vhurathi	
ya vhusumbe		ya vhumalo	
ya vhuṭahe		ya vhufumi	
vhul	vhul2	vhul3	vhul4
vhul5	vhul6	vhul7	vhul8
vhul9	vhul10	vhul11	vhul12
vhul13	vhul14	vhul15	vhul16
vhul17	vhul18	vhul19	vhul20

17 Ordinal number cards 2 (lesson 48)

eleventh

twelfth

thirteenth

fourteenth

fifteenth

sixteenth

seventeenth

eighteenth

nineteenth

twentieth

18 Garaṭa dza nomborothevhekani 2a (ngudo ya 48)

ya vhufumithihi

ya vhufumimbili

ya vhufumiraru

ya vhufumiina

ya vhufumithanu

ya vhufumirathi

ya vhufumisumbe

ya vhufumimalo

ya vhufumitahe

ya vhufumbili

2 Written assessment tests

Written Assessment Lesson 8

Ulinga ha u n'wala Ngudo ya 8

- 1 Show the number 15 by filling in dots on the ten frames.

Sumbedzani nomboro ya 15 nga u dzhenisa zwithoma kha fureme ya mahumi (2)

●	●	●	●	●		●	●	●	●	●
●	●	●	●	●						

- 2 Write the number name for 100.

N'walani dzinambalo la 100. _____ (1)

- 3 Write the number name for 41.

N'walani dzinambalo la 41. _____ (1)

- 4 Circle the biggest number and make a cross over the smallest number.

Tangedzelani nomboro khulusesa, ni ite tshifhambano kha nomboro tshukhusesa. (2)

26	44	11	98	77	69	83
----	----	----	----	----	----	----

- 5 Arrange these numbers from biggest to smallest: 91, 100, 97, 90

Vhekanyani nomboro idzi u bva kha khulwanesesa u ya kha tshukhusesa: 91, 100, 97, 90 (1)

_____, _____, _____, _____,

- 6 Arrange these numbers from smallest to biggest: 81, 66, 72, 80

Vhekanyani nomboro idzi u bva kha tshukhusesa u ya kha khulwanesesa: 81, 66, 72, 80 (1)

_____, _____, _____, _____,

7 Write down three numbers that are bigger than 91, but smaller than 99.
 Nwalani nomboro tharu dzine dza vha khulwane kha 91, fhedzi dzi tshukhu kha 99. (3)

_____, _____, _____,

8 Complete the following:
 Fhedzisani zwi tevhelaho: (3)

a $10 + 6 =$ _____ (16)

b $20 + 8 =$ _____ (28)

c $32 = 30 +$ _____ (2)

9 Complete the place value table.
 Fhedzisani thebuḽu ya vhuimo ha nomboro. (3)

Tens Mahumi	Ones Thihi
_____ / mahumi	_____ / thihi

Written Assessment Lesson 14

Ulinga ha u n'wala Ngudo ya 14

- 1 Show the number 26 by drawing the dots on the ten frames.

Sumbedzani nomboro ya 26 nga u ola zwithoma kha fureme ya mahumi (2)

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

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

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

- 2 Circle the biggest number, and make a cross over the smallest number.

Tangedzelani nomboro khulwanesesa, ni ite tshifhambano kha nomboro tshukhusesa (2)

48	21	19	38	14	12	44
----	----	----	----	----	----	----

- 3 Show $30 + 20$ using the number line below:

Sumbedzani $30 + 20$ ni tshi shumisa mutalombalo u re afho fhasi: (1)



- 4 Fill in the missing numbers:

N'walani nomboro dzi no khou tshahela: (4)

30, 40, _____, _____, _____, 80, _____, 100.

- 5 Write these numbers from the greatest to the smallest: 93, 99, 94, and 96
 Nwalani nomboro u bva kha khulwanesesa u ya kha ṭhukhusesa: 93, 99, 94, na 96. (1)

_____, _____, _____, _____,

- 6 Give two numbers that are greater than 97, but not bigger than 100.
 eani nomboro mbili dzine dza vha khulwane kha 97, fhedzi dzi si khulwane kha 100. (2)

_____, _____,

- 7 Give three numbers that are smaller than 74, but not smaller than 71.
 eani nomboro mbili dzine dza vha ṭhukhu kha 74, fhedzi dzi si ṭhukhu kha 71 (3)

_____, _____, _____,

- 8 What is the value of the 6 in 56?
 Veḷu ya 6 kha 56 ndi ifhio? _____ (1)

- 9 What is the value of the 8 in 85?
 Veḷu ya 8 kha 85 ndi ifhio? _____ (1)

- 10 Complete the table:
 Fhedzisani thebuḷu iyi: (6)

7 less than ṭhukhu nga 7	7 more than khulwane nga 7
10 _____	20 _____
20 _____	90 _____
30 _____	40 _____

Written Assessment Lesson 18

Ulinga ha u riwala Ngudo ya 18

1 What is ...?:

Ndi nomboro ifhio ...?:

(6)

a 7 tens + 1 one =

Mahumi a 7 + thihhi ya 1 = _____

b 5 tens + 4 ones =

Mahumi a 5 + thihhi dza 4 = _____

c 9 tens + 9 ones =

Mahumi a 9 + thihhi dza 9 = _____

d 8 tens + 5 ones =

Mahumi a 8 + thihhi dza 5 = _____

e 34 = _____ tens + _____ ones

34 = mahumi a _____ + thihhi dza _____

f 42 = _____ tens + _____ ones

42 = mahumi a _____ + thihhi dza _____

Written Assessment Lesson 23

Ulinga ha u riwala Ngudo ya 23

1 Complete the place value tables.

Fhedzisani kha thebulu dza vhuimo ha nomboro. ($5 \times 3 = 15$)

a 16

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

b 31

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

c 50

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

d 35

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

e 62

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

2 Written assessment tests

2 Complete the following:

Fhedzisani zwi tevhelaho: ($5 \times 1 = 5$)

a $30 + 10 =$ _____

b $50 - 20 =$ _____

c $40 - 30 =$ _____

d $80 + 10 =$ _____

e $100 - 60 =$ _____

3 Calculate using your base ten kit. Record the answers in the place value tables.

Rekanyani ni tshi shumisa khithi ya mahumimuteo yanu. Nwalani phindulo kha thebuu dza vhuimo ha nomboro. ($5 \times 3 = 15$)

a $24 + 4 =$ _____

Tens Mahumi	Ones Thihi
_____ tens	_____ ones
Mahumi a _____	Thihi dza _____

b $56 - 4 =$ _____

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

c $35 + 10 =$ _____

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

d $76 - 20 =$ _____

Tens Mahumi	Ones Thihi
_____ tens Mahumi a _____	_____ ones Thihi dza _____

e $30 + 30 = \underline{\hspace{2cm}}$

Tens Mahumi	Ones Thihi
<p style="text-align: center;"><u> </u> tens</p> <p>Mahumi a <u> </u></p>	<p style="text-align: center;"><u> </u> ones</p> <p>Thihi dza <u> </u></p>
<p><u> </u></p>	

Written Assessment Lesson 29

Ulinga ha u riwala Ngudo ya 29

1 Complete the following:

Fhedzisani zwi tevhelaho:

(8)

a 6 tens + 3 ones =

Mahumi a 6 + thihi dza 3 = _____

b 3 tens + 9 ones =

Mahumi a 3 + thihi dza 9 = _____

c $42 = 40 +$ _____

d $50 +$ _____ $= 93$

e _____ $+ 6 = 66$

f $72 =$ _____ $+ 2$

g $80 =$ _____ tens $+$ _____ ones

$80 =$ mahumi a _____ $+$ thihi dza _____

4 Calculate. Show working using columns.

Rekanyani. Ni sumbedze ni tshi khou shumisa kho\omo.

a $45 + 23 =$ _____ (3) b $22 + 57 =$ _____ (3)

5 Calculate using the number line below:

Rekanyani ni tshi shumisa mutalombalo u re afho fhasi:

$61 + 14 =$ _____ (2)



Written Assessment Lesson 39

Ulinga ha u n'wala Ngudo ya 39

1 Calculate using the column method:

Rekanyani ni tshi shumisa ngona (ndila) ya kho\omo:

a $70 + 26 =$ _____

(3)

b $86 - 32 =$ _____

(3)

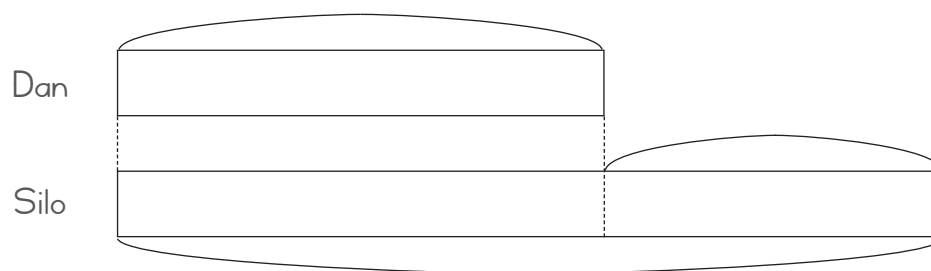
2 Solve the following word problems, use the bar diagrams to help you.

Shumani mbalo ya mipfi i tevhelaho, ni tshi shumisa nyolo uri dzi ni thuse.

$(3 \times 3 = 9)$

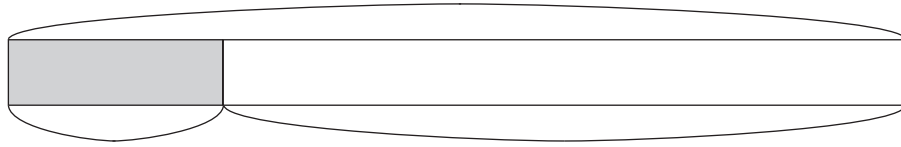
a Dan has 10 pencils. Silo has 7 more pencils than Dan. How many pencils does Silo have?

Dan u na penisela dza 10. Silo u na penisela dzi re nnzhi kha dza Dan nga dza 7. Silo u na penisela nngana?



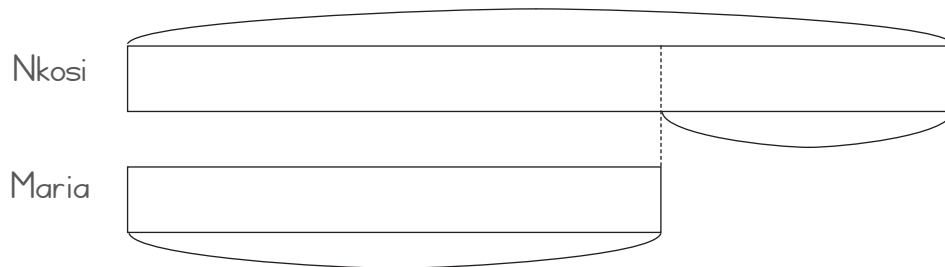
- b Tina had 14 stickers in total and gave 4 of them to her sister. How many stickers does Tina have now?

Tina u na zwiṭikara zwa 14 zwo ṭangana a fha murathu wawe zwa 4.
Tina u na zwiṭikara zwingana zwino?



- c Nkosi has 20 sweets and Maria has 6 less than her. How many sweets does Maria have?

Nkosi u na maḷegere a 20 ngeno Maria e na maṭuku kha a Nkosi nga a 6.
Maria u na maḷegere mangana?



Written Assessment Lesson 47

Ulinga ha u n'wala Ngudo ya 47

- 1 Circle the line that is shortest:

Tangedzelani mutalo une wa vha mupfufhisesa:

(1)



- 2 Circle the stick that is the longest.

Tangedzelani tshitanda tshine tsha vha tshilapfusesa.

(1)



- 3 Circle the correct answer.

Tangedzelani phindulo yone.

(1)

A line drawing of a door with an arched top. The arch is divided into three sections. There is a small handle on the door.	<p>The height of this door is: Vhunṭha/vhulapfu ha vothi ndi:</p> <p>More than 1 metre Nṭha ha mithara wa 1</p> <p>Less than 1 metre Fhasi ha mithara wa 1</p>
--	--

- 4 The height of your classroom door is closest to:
 Vhunṭha/vhulapfu ha vothi ḷa kilasini ya vhoiwe vhu hovhelela: (1)
 Circle the correct answer:
 Tangedzelani phindulo yone:
- a 1 m
 - b 2 m
 - c 3 m
 - d 4 m

- 5 Use the table below. Sort these objects into less/more than 1 m. Tick the correct column.
 A ruler, soccer posts, a book, a bus, a banana
 Shumisani thebuḷu i re afho fhasi. Dzudzanyani/vhekanyani izwi zwithu nga uri zwi fhasi/nṭha ha 1 m. Itani thiki kha khoḷomo yone. (5)
 Ruḷa, mapala a bola, bugu, bisi, muomva.

Object Tshithu	Length less than 1 m Vhulapfu hu re fhasi ha 1 m	Length more than 1 m Vhulapfu hu re nṭha ha 1 m
A ruler Ruḷa		
A bus Bisi		
A book Bugu		
A banana Muomva		
Soccer posts Mapala a bola		

Written Assessment Lesson 49

Ulinga ha u n'wala Ngudo ya 49





- 1 Complete the following table. The first one has been done for you.
Fhedzisani thebuu i tevhelaho. Ro dzula ro ni itela ya u thoma. (10)

Number Nomboro	Ordinal Number Nomborothevhekani	Numeric form Nomborovhuimo
2	second ya vhuvhili	2nd vhu2
5		
10		
19		
31		





- 2 Circle the 3rd A from the left and draw triangles around two As from the right.
Tangedzelani A ya vhu3 u bva kha tsha monde ni ole thiraiengele u mona na dziA mbili ni tshi bva kha tsha u la. (2)

A A A A A A A A A A A A

3 Colour the correct circle or circles.
 Khaḽarani tshitendeledzi tshone kana zwitendeledzi zwone: (8)

<p>a The third circle from the right. Tshitendeledzi tsha vhuraru u bva kha tsha u ḽa.</p>	
<p>b Three circles from the right. Zwitendeledzi zwiraru u bva kha tsha u ḽa.</p>	
<p>c The fourth circle from the left. Tshitendeledzi tsha vhuḽa u bva kha tsha monde.</p>	
<p>d Four circles from the left. Zwitendeledzi zwiḽa u bva kha tsha monde.</p>	

- e Five circles from the bottom.
 Zwitendeledzi zwiḽanu u bva fhasi.
- f The fifth circle from the bottom.
 Tshitendeledzi tsha vhuḽanu u bva fhasi.
- g Two circles from the top.
 Zwitendeledzi zwivhili u bva nḽha.
- h The second circle from the top.
 Tshitendeledzi tsha vhuvhili u bva nḽha.

e	f	g	h
			

3 Divhamaipfi

madzinambalo

zwinga zwa
nomboro

mbalosia/
mbalotshivhili

u ya
phanda

u ya
murahu

khulwanesesesa

thukhusesa

ṭhukhu kha

khulwane
kha

nomboro

khulwane/
nnzhi

ṭhukhu

anganya

rangela

tevhela

didzhithi/
didzhiti

thihi

vhukati ha

mahumi

khulwanesa

ṭhukhusa

lingana na/
eḡana na

didzhithi/
didzhiti

vhuimo ha
nomboro

phetheni

u fhaṭa

pwasha/
pedula

thihi

pwasha/
pedula

khulwane
kha/nnzhi
kha

ṭhukhu kha

dzudzanya/
vhekanya

vhambedza

nomboro
dza odo/
nomboro
tshiṭahe

nomboro
dza ivini/
khohwa nga
mbili

lingana/
eḡana

thutha nga
mutalo

khulwanesesesa

tḡhukhusesesa

tshikhala/
phauswu

nyandiso

ranga/
thoma

-vhuvhili

-vhuraru

vuṅa

-vhuṅanu

ṅanu

mutalombalo

u vhala/u
vhalela

ndemegute/
ndeme yo
fhelelaho

didzhithi/
didzhiti

didzhithi

mbili/

didzhiti

mbili

didzhithi

nthihi/

didzhiti

nthihi

kho|omo

ṭhanganyelo/
fhelela

ṭhanganyelo/
thotha|a/
tshivhalogutḗ

nyolodungo

vhambedza

baḡekanya

shandula/
shanduka/
tshintsha/
tshintshi

vhulapfu

vhuphara

pima/ela/
kala

mithara

yunithi
i si ya
tshitandadi/
muelo
u si wa
tshitandadi

pfufhisesa

ndapfusea

rekhithiengele/
khuḍandeiṅa

munwemusumbi/
musumbavhaloi

ṭandavhuwesa/
aṭamesa

lapfesa

muelo/
mpimo wa
inifoma_la

yunithi/
yuniti dza
inifoma_la

-pfufhisa

-lapfusa

-lapfu

-pfufhi

-lapfu

tandavhuwa/
atama

muelo/
mpimo

Iutanda Iwa
muelo

mitha/
mimitha

ṭhandavhuwo
ya tshanda

khirayoni

muelo/
mpimo wa
tshitandadi

muelo/
mpimo u si
tshitandadi

