

Reel Consonant and Vowel Book

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This book is used to teach how to better read and write Reel by learning the consonant and vowel sounds of the language.

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Introduction

This book shows how to write words so that readers can more easily know the correct meaning. We will learn three spelling rules that help reading and writing, as well as all the sounds that join together to make words. This book is for Reel readers and writers. It is especially important for those writing books and translating Scripture to understand the lessons of this book.

Each of the Reel words in this book is listed in the Reel Word List at the end of the book. If you need to check the correct spelling of a word, you can look for the word at the end of this book.

There are English words in this book that may be new to you. Each new word is underlined and explained when it is first used. If you later see the word and forget what it means, you can also find it explained in the Glossary at the back of the book.

This book can be taught to participants in a workshop. A person can also use this book to teach himself/herself without a workshop or instructor. You should read each lesson and then immediately do the exercise following the lesson. The exercise will help you test your understanding of the lesson. The answers to the exercises are in the back of the book. After completing an exercise, immediately check your answers to see how well you have understood. For each of your incorrect answers, try to understand the correct answer. Ask other Reel if you need help.

Contents

Introduction.....	3
Contents	3
Reel Alphabet	4
Syllables.....	5
Consonants.....	7
Consonants t and th	10
Consonants d and dh.....	12
Consonants at the end of words	13
Breathy and non-breathy vowels.....	15
Long and short vowels	26
Vowels i, ī and u before and after other vowels.....	30
Vowels i, ī and u at the end of words	38
Tone	41
Spelling Rules Reviewed.....	45
Reel Word List	47
Glossary	61
Answers to Exercises.....	62

Reel Alphabet

The first step in learning to read and write Reel is learning the alphabet. The Reel language has 33 letters, as shown in the following list of words.

Reel Alphabet

A a	[a]	ayak	<i>lion</i>
Ä ä	[ḁ]	gääk	<i>wing</i>
B b	[b]	buɔl	<i>hare</i>
C c	[c]	cil	<i>rhino</i>
D d	[d]	del	<i>goat</i>
Dh dh	[d̥]	dhɔl	<i>boy</i>
E e	[e]	yeeth	<i>money</i>
Ē ē	[e̥]	bēel	<i>sorghum</i>
Ɛ ɛ	[ɛ]	kεet	<i>walking stick</i>
Ĕ ĕ	[ɛ̥]	kĕēt	<i>falcon</i>
G g	[g]	gat	<i>child</i>
Ƴ Ƴ	[h]	yöt	<i>hut</i>
I i	[i]	dit	<i>bird</i>
Ī ī	[i̥]	jīc	<i>ear</i>
J j	[j]	jök	<i>dog</i>
K k	[k]	kɔm	<i>stool</i>
L l	[l]	luok	<i>mouse</i>
M m	[m]	mök	<i>buffalo</i>
N n	[n]	nɔk	<i>feather</i>
Nh nh	[n̥]	nhīer	<i>turtle</i>
Ny ny	[ɲ]	nyɑŋ	<i>crocodile</i>
Ŋ ŋ	[ŋ]	ŋät	<i>oil</i>
O o	[o]	gok	<i>quiver</i>
Ö ö	[o̥]	pör	<i>road</i>
Ɔ ɔ	[ɔ]	lɔc	<i>heart</i>
Ö̆ ö̆	[ɔ̥]	dök	<i>river</i>
P p	[p]	pai	<i>moon</i>
R r	[r]	rel	<i>fox</i>
T t	[t]	tēer	<i>chicken</i>
Th th	[t̥]	thīēŋ	<i>gazelle</i>
U u	[u]	guu	<i>bee</i>
W w	[w]	wut	<i>ostrich</i>
Y y	[y]	yaŋ	<i>cow</i>

The Reel word list at the end of this book has the same order as the list above.

Exercise 1

Write each of the words in the list above next to the letters below. Say each word as you write them. Listen to the sound each letter makes.

a	_____	y	_____	o	_____
ä	_____	i	_____	ö	_____
b	_____	ï	_____	ɔ	_____
c	_____	j	_____	ö	_____
d	_____	k	_____	p	_____
dh	_____	l	_____	r	_____
e	_____	m	_____	t	_____
ë	_____	n	_____	th	_____
ε	_____	nh	_____	u	_____
ë	_____	ny	_____	w	_____
g	_____	ŋ	_____	y	_____

Syllables

Now we learn how Reel letters are joined together in words. Words can be divided into syllables, or beats. Each of the words below has *three* syllables. They can be divided into three separate beats as shown.

Three-syllable words

palata	pa la ta	<i>fish hook, line</i>
nyemiri	nye mi ri	<i>bean</i>
dëbeelë	dë bee lë	<i>eagles (pl)</i>
akaja	a ka ja	<i>donkey</i>
agurböök	a gur book	<i>onion</i>
alualuaal	a lua luaal	<i>dawn</i>
anyinyi	a nyi nyi	<i>hyena</i>
atëltöu	a tël töu	<i>ladle, cup</i>
akäälä	a kää lë	<i>calves (pl)</i>

Each of the words below have *two* syllables. They can be divided into two separate beats as shown.

Two-syllable words

kuluk	ku	luk	<i>upper arm</i>
mekec	me	kec	<i>yellow</i>
dëbël	dë	bël	<i>eagle</i>
böwë	bö	wë	<i>herds (pl)</i>
dïërë	dïë	rë	<i>pigs (pl)</i>
pewëer	pe	wëer	<i>famine</i>
kä rääh	kä	räh	<i>maize</i>
bapieny	ba	pieny	<i>morning</i>
kuᅅgu	kuᅅ	gu	<i>parrot, bird type</i>
dërceᅅ	dër	ceᅅ	<i>village</i>
tompiny	töm	piny	<i>groundnut</i>
yäkyäk	yäk	yäk	<i>lung</i>
dhiamdhiam	dhiam	dhiam	<i>spring</i>
akäl	a	käl	<i>calf</i>
abaar	a	baar	<i>orphan</i>
aduany	a	duany	<i>crippled person</i>
itiëëp	ï	tiiëëp	<i>shade, shadow</i>
ïruum	ï	ruum	<i>tomorrow</i>

Each of the words below have *one* syllable. They cannot be divided into more than one beat.

One-syllable words

mun	<i>dirt, soil</i>
cëk	<i>wife</i>
cëᅅ	<i>sun, day</i>
cil	<i>rhino</i>
bëël	<i>grain, sorghum</i>
maar	<i>relative by blood</i>
tuaany	<i>sickness</i>
cuër	<i>thief</i>
guëc	<i>giraffe</i>
kuoth	<i>rain</i>
diiëër	<i>pig</i>
jiëer	<i>shoulder blade</i>
kau	<i>bride</i>
lou	<i>bamboo</i>
kääu	<i>pit, hole</i>
käi	<i>first born child</i>
lői	<i>umbilical cord</i>
cuii	<i>soup</i>

Exercise 2

Say each word below and listen to the number of beats in each word. Write the number of syllables (1, 2, or 3) in the blank __ to the left of each word. Then divide the word into syllables in the blanks to the right of each word. Write one syllable on each blank. Do not fill more blanks than the number of syllables. The first one has been done as an example.

number of syllables		divided into syllables			
<u>2</u>	balthuur	<u>bal</u>	<u>thuur</u>	_____	<i>monitor lizard</i>
_____	muorkaba	_____	_____	_____	<i>bag</i>
_____	bedäk	_____	_____	_____	<i>eight</i>
_____	mök	_____	_____	_____	<i>buffalo</i>
_____	raaljioou	_____	_____	_____	<i>rainbow</i>
_____	cöwë	_____	_____	_____	<i>termites (pl)</i>
_____	miiëth	_____	_____	_____	<i>food, crop, resource</i>
_____	Alaathbuor	_____	_____	_____	<i>July</i>
_____	thuok	_____	_____	_____	<i>mouth, language</i>
_____	amëmiëër	_____	_____	_____	<i>dusk, twilight</i>
_____	guänjäär	_____	_____	_____	<i>bush dweller</i>
_____	gääk	_____	_____	_____	<i>wing</i>
_____	nööñöñ	_____	_____	_____	<i>poorly</i>
_____	näädö	_____	_____	_____	<i>perhaps</i>
_____	ciëëñ	_____	_____	_____	<i>home, land</i>
_____	pälñęc	_____	_____	_____	<i>initiation (for boy)</i>
_____	dëkerë	_____	_____	_____	<i>hot season (pl)</i>
_____	acaar	_____	_____	_____	<i>fish</i>

Consonants

Some letters are consonants and some letters are vowels. In the word **peweer** ‘famine’, the letters **p**, **w** and **r** are consonants and **e** and **ë** are vowels.

Consonants often begin syllables and end syllables. Vowels are in the middle of syllables and sometimes end syllables, or are the only sound of the syllable. In the syllable **pe** of **pewëër**, the consonant **p** begins the syllable, and the vowel **e** ends the syllable. In the syllable **wëer**, the consonant **w** begins the syllable, the consonant **r** ends the syllable, and the vowel **ë** is in the middle of the syllable.

In some words such as **ayak** ‘lion’, the first vowel **a** is a syllable by itself. A vowel can be a syllable by itself, but a consonant cannot be a syllable by itself.

The following 20 letters are Reel consonants:

Reel consonants

B b	Y y	N n	R r
C c	J j	Nh nh	T t
D d	K k	Ny ny	Th th
Dh dh	L l	Ŋ ŋ	W w
G g	M m	P p	Y y

The following 13 letters are Reel vowels:

A a	E e	Ɛ ɛ	I i	O o	Ɔ ɔ	U u
Ä ä	Ë ë	Ě ě	İ i	Ö ö	Ï ï	

In this lesson, we learn about Reel consonants. In a later lesson, we learn about Reel vowels.

The list below has Reel words with each of the consonants. All consonants can be at the *beginning* of words. All except **nh** are found in the *middle* of words. Many consonants can be at the *end* of words. But, the consonants **b, d, dh, g, y, j, w** and **y** cannot.

	Word beginning	Word middle	Word end
B b	biäth <i>pumpkin</i> baac <i>calf (of leg)</i>	dëbël <i>eagle</i> abaan <i>space, spot</i>	---
C c	cël <i>elbow</i> cak <i>milk</i>	acaar <i>fish</i> acak <i>flea, tick</i>	baac <i>calf (of leg)</i> tic <i>feast</i>
D d	diëër <i>pig</i> dëneer <i>monkey</i>	adaŋ <i>weapon</i> aduany <i>crippled person</i>	---
Dh dh	dhöök <i>leopard skin</i> dhol <i>boy</i>	adhaar <i>pot</i> adhuur <i>hammer</i>	---
G g	geer <i>fence</i> gat <i>child</i>	agäk <i>game</i> agɔk <i>monkey</i>	---
Y y	yöl <i>arm</i> yaar <i>plank of wood</i>	biayë <i>of lights</i>	---
J j	jic <i>stomach</i> jeth <i>scorpion</i>	ajaar <i>water basin</i> ajaac <i>bird glue</i>	---

K k	kër <i>fishing net</i> kääu <i>pit, hole</i>	dëkër <i>hot season</i> akäl <i>calf</i>	dök <i>river</i> nok <i>feather</i>
L l	liet <i>sand</i> lëi <i>tooth</i>	kuluk <i>upper arm</i> alath <i>cloth</i>	bul <i>drum</i> thöl <i>snake</i>
M m	mïëth <i>food (general)</i> mac <i>fire</i>	nyemüri <i>bean</i> amëël <i>sheep</i>	thuööm <i>ghost, spirit</i> nhiëm <i>fur, hair</i>
N n	nëër <i>maternal uncle</i> nop <i>message</i>	wënë <i>here</i> dënëme <i>their</i>	pen <i>town</i> mun <i>dirt, soil</i>
Nh nh	nhiem <i>charcoal</i> nhiaal <i>sky</i>	---	rëënh <i>until</i>
Ny ny	nyal <i>girl</i> nyïëu <i>co-wife</i>	anyaŋ <i>chisel tool</i> anyinyi <i>hyena</i>	puöny <i>body</i> thuny <i>nasal mucus</i>
Ŋ ŋ	ŋär <i>bean</i> ŋöp <i>fig</i>	aŋeth <i>broth</i> aŋau <i>cat</i>	tuŋ <i>egg</i> kaŋ <i>alcohol</i>
P p	piny <i>ground, land</i> pëm <i>rock, mountain</i>	apaal <i>knife</i> bapieny <i>morning</i>	lip <i>tongue</i> riop <i>claw, fingernail</i>
R r	rin <i>name</i> rëët <i>razor</i>	kara <i>ladder</i> kärääth <i>maize</i>	pör <i>road, path</i> bur <i>camp</i>
T t	tei <i>stick</i> tap <i>tobacco</i>	ateel <i>leg</i> itiëp <i>shade, shadow</i>	dit <i>bird (general)</i> dut <i>grass</i>
Th th	thiïn <i>breast</i> thuok <i>mouth</i>	athak <i>back of head</i> athëen <i>yesterday</i>	nyith <i>brain</i> ruëth <i>chief</i>
W w	wëër <i>night</i> waŋ <i>eye</i>	pewëer <i>famine</i> awaŋ <i>tobacco</i>	---
Y y	yïël <i>forest</i> yuïc <i>head</i>	ayak <i>lion</i> ayään <i>wrestling</i>	---

Exercise 3

In each word below, circle each consonant. The first one has been done as an example.

(g) ë (m)	<i>cheek</i>
m u ɔ r k a b a	<i>bag</i>
p ä l ŋ ë c	<i>initiation (of boy)</i>
a d u a ny	<i>cripple person</i>
nh i a n	<i>testicle</i>
y i ε t	<i>finger, toe</i>
a b aa r	<i>orphan</i>
w ë th	<i>buttock</i>
γ ɔ r	<i>swamp area</i>
dh ɔ l	<i>boy</i>

Consonants t and th

The consonants **t** and **th** sound similar at the beginning of words. When we listen carefully, we hear the sound of **t** in **teu** ‘life’ is different than the sound of **th** in **theu** ‘menstrual period’. Say each of the words below. Listen carefully to the difference in sound between **t** and **th**.

T t	Th th
teu <i>life</i>	theu <i>menstrual period</i>
tap <i>tobacco</i>	thar <i>waist</i>
täp <i>ground sloping down</i>	thääŋ <i>side (of body)</i>
tuŋ <i>horn (of animal)</i>	thuny <i>nasal mucus</i>
tuol <i>smoke</i>	thuok <i>mouth</i>
tuööl <i>initiation (of girl)</i>	thuööm <i>ghost, spirit</i>
tök <i>laugh</i>	thöl <i>wall</i>
tiëer <i>clitoris</i>	thieei <i>stick, club of ebony</i>
tüt <i>mahogany tree</i>	thiin <i>breast</i>
tüët <i>magician</i>	thiäk <i>neighbour</i>
tik <i>bead</i>	thöl <i>snake</i>
tiel <i>iron</i>	thëc <i>dew</i>
tïc <i>feast</i>	thëk <i>bull with twisted horns</i>
tik <i>chin</i>	
teet <i>hand</i>	
tëer <i>chicken</i>	
tur <i>dust</i>	
tuut <i>bull</i>	
tuëŋ <i>dark spot in wood</i>	
tuaany <i>sickness</i>	
tuŋ <i>egg</i>	

The letters **t** and **th** can also be inbetween vowels. When we listen carefully, we hear the sound of **t** in **atak** ‘twisted thing’ is different than the sound of **th** in **athak** ‘back of head’. Listen carefully to the difference in sound between **t** and **th** in the words below.

t	th
atak <i>twisted thing</i>	athak <i>back of head</i>
ateel <i>leg</i>	athëen <i>yesterday</i>
atäc <i>spice (general)</i>	
ater <i>conflict, hatred</i>	
atël <i>bowl from calabash</i>	
itüëëp <i>shade, shadow</i>	

The letters **t** and **th** can also be at the end of words. When we listen carefully, we hear the sound of **t** in **mät** ‘agreement’ is different than the sound of **th** in **mäth** ‘drink’. Listen carefully to the difference in sound between **t** and **th** in the words below.

t		th	
mät	<i>agreement</i>	mäth	<i>drink</i>
gat	<i>child</i>	jath	<i>tree</i>
wat	<i>blood relative</i>	kath	<i>waterhole</i>
yöt	<i>hut, room</i>	ṅääth	<i>hope</i>
ṅät	<i>oil</i>	käääth	<i>maize</i>
buöt	<i>wound, sore</i>	puöth	<i>marriage</i>
mut	<i>spear type</i>	luth	<i>mud fish</i>
liet	<i>sand</i>	mieeth	<i>root</i>
tiēt	<i>magician</i>	miēth	<i>food (general)</i>
nyet	<i>rib</i>	jeth	<i>scorpion</i>
teet	<i>hand</i>	yeeth	<i>money</i>
keet	<i>walking stick</i>	geeth	<i>brightness</i>
cēt	<i>colour</i>	wēth	<i>buttock</i>
kēet	<i>falcon, hawk</i>	mēēth	<i>friend</i>
thot	<i>wooden peg</i>	doth	<i>virgin</i>
mut	<i>spear type</i>	luth	<i>mud fish</i>
rēet	<i>razor</i>	muuth	<i>darkness</i>
tūt	<i>mahogany tree</i>	kuoth	<i>rain</i>
rit	<i>ebony tree</i>	coth	<i>guinea worm</i>
yiet	<i>finger, toe</i>	röth	<i>armpit</i>
		yath	<i>charm (for magic)</i>
		ruath	<i>young male cow</i>
		kuäth	<i>bone marrow</i>
		kēth	<i>bile, gall</i>
		cēth	<i>excrement, feces</i>
		luöth	<i>fetus</i>

Exercise 4

Carefully read and say each test word below. The **bold** letter of each test word may or may not be written correctly. Write the word correctly in the space given. The first one is done as an example.

Test Word	Write correctly	Test Word	Write correctly
teem <i>trying, testing</i>	<u>th</u> eem	tuoom <i>harp instrument</i>	_____
tiar <i>flour</i>	_____	thei <i>stick</i>	_____
thueṅ <i>dark spot in wood</i>	_____	thot <i>wooden peg</i>	_____
athēen <i>yesterday</i>	_____	atak <i>back of head</i>	_____
ather <i>conflict, hatred</i>	_____	itiēep <i>shade, shadow</i>	_____
jiēeth <i>mark (on ground)</i>	_____	wut <i>ostrich</i>	_____

ruët	<i>chief</i>	_____	bīäät	<i>pumpkin</i>	_____
köth	<i>shield</i>	_____	nyuööth	<i>point (of something)</i>	_____

Consonants d and dh

The consonants **d** and **dh** sound similar at the beginning of words. When we listen carefully, we hear the sound of **d** in **döm** ‘catch something in the air’ is different than the sound of **dh** in **dhöm** ‘stalk something’. Say each of the words below. Listen carefully to the difference in sound between **d** and **dh**.

D d	Dh dh		
döm	<i>catch something (in air)</i>	dhöm	<i>stalk something</i>
dak	<i>make someone tired</i>	dhal	<i>fail something</i>
dö	<i>thing</i>	dhöl	<i>violate, cross something</i>
döth	<i>uproot something</i>	dhööl	<i>cut something</i>
döt	<i>vagina</i>	dhəl	<i>boy</i>
diaal	<i>all</i>	dhiac	<i>bruise</i>
dör	<i>tribe</i>	dhöök	<i>leopard skin</i>
dīëër	<i>pig</i>	dhiëëc	<i>five</i>
doth	<i>virgin</i>		
dök	<i>river</i>		
dit	<i>bird (general)</i>		
del	<i>goat</i>		
dap	<i>lazy person</i>		
dut	<i>grass</i>		

The letters **d** and **dh** can also be inbetween vowels. When we listen carefully, we hear the sound of **d** in **adaŋ** ‘weapon’ is different than the sound of **dh** in **adhaar** ‘pot’. Listen carefully to the difference in sound between **d** and **dh** in the words below.

d	dh		
adaŋ	<i>weapon</i>	adhaar	<i>pot</i>
aduany	<i>crippled person</i>	adhuur	<i>hammer</i>
adëër	<i>behaviour</i>		
adöl	<i>brown</i>		

Exercise 5

Carefully read and say each test word below. The **bold** letter of each test word may or may not be written correctly. Write the word correctly in the space given. The first one is done as an example.

Test Word	Write correctly	Test Word	Write correctly
dh iaal	<i>all</i>	dia al	_____
adiöŋu	<i>what</i>	_____	_____

dīëc	<i>five</i>	_____	dhel	<i>goat</i>	_____
dör	<i>tribe</i>	_____	bēdhëk	<i>eight</i>	_____
aduur	<i>hammer</i>	_____	dhal	<i>fail something</i>	_____

Consonants at the end of words

The consonants **p, th, t, c, k** can be at the beginning, middle and end of words. The consonants **b, dh, d, j, g** can be at the beginning and middle of words, but never at the end of words.

	Word beginning	Word middle	Word end
P p	piny <i>ground, land</i> pēm <i>roc, mountain</i>	apaal <i>knife</i> bapieny <i>morning</i>	lip <i>tongue</i> riop <i>claw, fingernail</i>
Th th	thiin <i>breast</i> thuok <i>mouth</i>	athak <i>back of head</i> athëen <i>yesterday</i>	nyith <i>brain</i> ruëth <i>chief</i>
T t	tei <i>stick</i> tap <i>tobacco</i>	ateel <i>leg</i> itiëep <i>shade, shadow</i>	dit <i>bird (general)</i> dut <i>grass</i>
C c	cël <i>elbow</i> cak <i>milk</i>	acaar <i>fish</i> acak <i>flea, tick</i>	baac <i>calf (of leg)</i> tic <i>feast</i>
K k	kër <i>fishing net</i> kääu <i>pit, hole</i>	dëkër <i>hot season</i> akäl <i>calf</i>	dök <i>river</i> nok <i>feather</i>
B b	biäth <i>pumpkin</i> baac <i>calf (of leg)</i>	dëbël <i>eagle</i> abaan <i>space, spot</i>	---
Dh dh	dhöök <i>leopard skin</i> dhol <i>boy</i>	adhaar <i>pot</i> adhuur <i>hammer</i>	---
D d	dīëer <i>pig</i> dëneer <i>monkey</i>	adañ <i>weapon</i> aduany <i>crippled person</i>	---
J j	jic <i>stomach</i> jeth <i>scorpion</i>	ajaar <i>water basin</i> ajaac <i>bird glue</i>	---
G g	geer <i>fence</i> gat <i>child</i>	agäk <i>game</i> agöök <i>monkey</i>	---

So, we have the following spelling rule for these consonants at the end of words.

Spelling Rule 1a: At the end of words, write **p, th, t, c, k** instead of **b, dh, d, j, g**.

	Correct	Wrong	
p	lip	lib	<i>tongue</i>
th	wëth	wëdh	<i>buttock</i>
t	teet	teed	<i>hand</i>
c	baac	baaj	<i>calf (of leg)</i>
k	rook	roog	<i>molar tooth</i>

Sometimes the letter **-ë** is added to the end of a noun to make more than one of that noun. This

is called a plural. One of the noun **dap** ‘lazy person’ (called a singular) becomes plural when the letter **-ë** is added, as in **dapë** ‘lazy persons’. The sound of the letter **p** changes when **-ë** is added. However, we write the letter **p** in both the singular and plural (**dap** ‘lazy person’, **dapë** ‘lazy persons’). If we wrote a different letter than **p** in the plural (such as **dabë** ‘lazy persons’--wrong), readers might think it is a different word. Instead, we write the letter **p** in both **dap** ‘lazy person and **dapë** ‘lazy persons’ so that readers know it is the same word. We also write the letters **th, t, c, k** when the letter **-ë** is added to plural nouns.

	Singular noun		Plural noun	
p	dap	<i>lazy person</i>	dapë	<i>lazy persons</i>
th	mëëth	<i>friend</i>	mëëthë	<i>friends</i>
t	rëët	<i>razor</i>	rëëtë	<i>razors</i>
c	rïc	<i>rafter</i>	rïicë	<i>rafters</i>
k	dhöök	<i>leopard skin</i>	dhöökë	<i>leopard skins</i>

Sometimes the letter **-ë** is added to the end of a noun to show it possesses or has a close relationship with the noun before it. The noun **täp** ‘pot hole’ has the letter **-ë** when it possesses another noun, as in **wään täpë** ‘place of pot hole’. The sound of the letter **p** changes when **-ë** is added. However, we write the letter **p** in both the common noun (**täp** ‘pot hole’) and when it possesses another noun (**wään täpë** ‘place of pot hole’). This is so that readers know it is the same word. We also write the letters **th, t, c, k** when the letter **-ë** is added to nouns possessing other nouns.

	Common noun		Noun possessing another noun	
p	täp	<i>pot hole</i>	wään täpë	<i>place of pot hole</i>
th	puöth	<i>marriage</i>	wään puthë	<i>place of marriage</i>
t	yiet	<i>finger</i>	wään yitë	<i>place of finger</i>
c	thieec	<i>request</i>	wään thiëcë	<i>place of request</i>
k	kaak	<i>field</i>	wään kaakë	<i>place of field</i>

We have the following spelling rule for these consonants when the letter **-ë** is added.

Spelling Rule 1b: When the suffix **-ë** is added to the end of words, write **p, th, t, c, k** instead of **b, dh, d, j, g**.

	Correct		Correct	Wrong	
p	dap	<i>lazy person</i>	dapë	dabë	<i>lazy persons</i>
th	mëëth	<i>friend</i>	mëëthë	mëëdhë	<i>friends</i>
t	rëët	<i>razor</i>	rëëtë	rëëdë	<i>razors</i>
c	rïc	<i>rafter</i>	rïicë	rïijë	<i>rafters</i>
k	dhöök	<i>leopard skin</i>	dhöökë	dhöögë	<i>leopard skins</i>

	Correct		Correct	Wrong	
p	täp	<i>pot hole</i>	wään täpë	wään tëbë	<i>place of pot hole</i>
th	puöth	<i>marriage</i>	wään puthë	wään pudhë	<i>place of marriage</i>
t	yiet	<i>finger</i>	wään yitë	wään yidë	<i>place of finger</i>

c	thieec	<i>request</i>	wään thiëecë	wään thiëejë	<i>place of request</i>
k	kaak	<i>field</i>	wään kaakë	wään kaagë	<i>place of field</i>

All the consonants **p, th, t, c, k** and **b, dh, d, j, g** can be in other places of words, such as at the beginning or inbetween vowels. So, we also have the following spelling rule.

Spelling Rule 1c: **p, th, t, c, k** and **b, dh, d, j, g** can all be at the beginning of words and between vowels in other positions of words.

	Correct		Correct	
p, b	pan	<i>swamp area</i>	ban	<i>bedbug</i>
th, dh	thöl	<i>wall</i>	dhöök	<i>leopard skin</i>
t, d	tap	<i>tobacco</i>	dap	<i>lazy person</i>
c, j	cou	<i>husband</i>	jou	<i>chest</i>
k, g	kaak	<i>field, garden</i>	gaak	<i>jaw</i>

	Correct		Correct	
p, b	apaal	<i>knife</i>	abaar	<i>orphan</i>
th, dh	athak	<i>pot</i>	adhaar	<i>pot</i>
t, d	atak	<i>something twisted</i>	adañ	<i>gun, bow</i>
c, j	acaar	<i>fish</i>	ajaar	<i>basin</i>
k, g	akäl	<i>calf</i>	agäk	<i>game</i>

Exercise 6

Carefully read and say each test word below. The **bold** letter of each test word may or may not be written correctly. Write the word correctly in the space given. The first one is done as an example.

Test Word		Write correctly	Test Word		Write correctly
nob	<i>message</i>	nop	keeth	<i>cow urine</i>	_____
dodhë	<i>virgins</i>	_____	wään budë	<i>place of wound</i>	_____
dhöl	<i>boy</i>	_____	cath	<i>tree, firewood</i>	_____
gad	<i>child</i>	_____	yuij	<i>head</i>	_____
wajë	<i>aunts</i>	_____	aduanj	<i>crippled person</i>	_____
akäk	<i>game</i>	_____	dhöögë	<i>leopard skins</i>	_____
tök	<i>river</i>	_____	wään topë	<i>place of tobacco</i>	_____

Breathy and non-breathy vowels

The words **keet** ‘walking stick’ and **këet** ‘falcon, hawk’ have different vowel sounds. Do you hear the difference? There is more air in the vowel sound of **këet** ‘falcon, hawk’. This vowel **ëë** in **këet** ‘falcon, hawk’ with more air is called a breathy vowel. All vowels that are not breathy are called non-breathy.

Vowel differences

<u>non-breathy vowel</u>	keet <i>walking stick</i>	<u>breathy vowel</u>	këët <i>falcon, hawk</i>
<u>short vowel</u>	gak <i>peel, skin (of fruit)</i>	<u>long vowel</u>	gaak <i>jaw</i>
<u>High tone</u>	wëër <i>night</i>	<u>Low tone</u>	wëër <i>dung</i>

The words **gak** ‘peel, skin (of fruit)’ and **gaak** ‘jaw’ also have different vowel sounds. Do you hear the difference? The vowel in **gaak** ‘jaw’ takes longer to say than the vowel in **gak** ‘peel, skin’. The vowel in **gaak** ‘jaw’ is a long vowel and the vowel in **gak** ‘peel, skin’ is a short vowel.

The words **wëër** ‘night’ and **wëër** ‘dung’ also have a difference in sound. However, these words have the same vowel and only a difference in the tone. Tone is how high or low the sound of the vowel is. The word **wëër** ‘night’ has High tone and the word **wëër** ‘dung’ has Low tone.

In this lesson we learn the different sounds of vowels, especially the difference between breathy and non-breathy vowels. In the next lessons we learn about the difference between long and short vowels and words that only differ by tone.

There are 13 vowels in Reel, as shown in the list below. All can be breathy or non-breathy except for **u**, which can only be non-breathy. We write breathy vowels with dots above the vowel. All vowels can be short or long. We write long vowels with doubled vowel letters.

	Non-breathy vowels			Breathy vowels	
a	daŋ	<i>elder</i>	ä	ŋät	<i>oil</i>
aa	kaak	<i>field, garden</i>	ää	ŋääth	<i>illness</i>
e	jeth	<i>scorpion</i>	ë	jëp	<i>axe</i>
ee	yeeth	<i>money</i>	ëë	tëër	<i>chicken</i>
ε	keth	<i>rusting</i>	ë	γëm	<i>thigh</i>
εε	gëer	<i>fence</i>	ëë	mëëth	<i>friend</i>
i	lip	<i>tongue</i>	ï	jïc	<i>ear</i>
ii	diit	<i>birds (pl)</i>	ïï	rïiŋ	<i>meat</i>
o	doth	<i>virgin</i>	ö	jök	<i>dog</i>
oo	noonŋ	<i>wedding</i>	öö	dhöök	<i>leopard skin</i>
ɔ	γor	<i>swamp area</i>	ö	ŋöp	<i>fig</i>
ɔɔ	kɔor	<i>forearm</i>	öö	thööl	<i>snakes (pl)</i>
u	dut	<i>grass</i>			
uu	muuth	<i>darkness</i>			

The following words have the vowel **a** or **ä**. Say each of these words and listen to the sound of the vowels **a** and **ä**.

a	ä
tap <i>tobacco</i>	täp <i>pot hole</i>

gak	<i>peel, skin (of fruit)</i>	cäny	<i>heel (of foot)</i>
jath	<i>tree, firewood</i>	ņār	<i>bean</i>
nyaņ	<i>crocodile</i>	jäl	<i>guest, visitor</i>
pap	<i>open land</i>	mät	<i>meeting, agreement</i>
ban	<i>bedbug</i>	yaç	<i>load, burden</i>
bak	<i>crack</i>	läņ	<i>prayer</i>
yaņ	<i>cow</i>	mäth	<i>drink</i>
waņ	<i>face, eye</i>	läk	<i>dream, prophecy</i>
waņ	<i>stream</i>	Jäņ	<i>dinka person</i>
kaņ	<i>alcohol</i>	ņät	<i>oil</i>
nyal	<i>girl, daughter</i>	käk	<i>phlegm, throat mucus</i>
par	<i>open water, lake</i>	jär	<i>belch, burp</i>
gak	<i>peel, skin (of fruit)</i>	täth	<i>mould, forge</i>
wac	<i>aunt, father's sister</i>	kär	<i>branches</i>
thal	<i>early or late sun</i>		
jak	<i>pelican, bird type</i>		
ņak	<i>pus</i>		
kath	<i>waterhole</i>		
wat	<i>relative (blood relative or in-law)</i>		
daņ	<i>elder, older person</i>		
dap	<i>lazy person</i>		
dap	<i>birth</i>		
yak	<i>famine, drought, dry period</i>		
pan	<i>swamp area</i>		
gat	<i>son, child, baby</i>		
mac	<i>fire</i>		
bany	<i>wealth</i>		
gal	<i>newly cultivated ground</i>		
thar	<i>waist</i>		
kam	<i>middle of something</i>		
nyan	<i>caterpillar</i>		

The following words have the vowel **aa** or **ää**.

aa	ää		
gaak	<i>jaws</i>	gääk	<i>wing</i>
yaar	<i>plank of wood</i>	gäär	<i>scars on forehead</i>
daan	<i>palate, top of mouth</i>	ņääth	<i>illness</i>
kaak	<i>field, garden</i>	wään	<i>way, place, method</i>
baac	<i>calf (of leg)</i>	rääl	<i>muscle</i>
maar	<i>relative by blood</i>	määl	<i>wealth</i>
kaar	<i>background information</i>	jääl	<i>trip, journey, movement</i>
		thääņ	<i>side of body, other side</i>
		kääņ	<i>proverb</i>
		ņääth	<i>hope</i>

The following words have the vowel **e** or **ë**. Say each of these words and listen to the sound of the vowels **e** and **ë**.

e		ë	
rek	<i>pen (of cows)</i>	lëk	<i>word, speaking</i>
mer	<i>tear (of eye)</i>	gëm	<i>cheek</i>
pen	<i>town</i>	gër	<i>back (of body or something)</i>
dep	<i>trap</i>	mël	<i>oath, promise</i>
rel	<i>termite mound</i>	yër	<i>river, lake</i>
del	<i>goat</i>	cëk	<i>wife</i>
jeth	<i>scorpion</i>	cër	<i>bright star, morning star</i>
rel	<i>fox</i>	cël	<i>elbow</i>
nyet	<i>rib</i>	lël	<i>net for carrying container</i>
ceŋ	<i>strap</i>	jëp	<i>axe</i>
		dëbël	<i>eagle</i>
		dëkër	<i>hot season</i>

The following words have the vowel **ee** or **ëë**.

ee		ëë	
teer	<i>playing</i>	tëer	<i>chicken</i>
keeth	<i>cow urine</i>	bëel	<i>sorghum, dura</i>
teet	<i>hand</i>	lëëth	<i>begging</i>
weer	<i>blessing</i>	rëet	<i>razor</i>
ceer	<i>morning star</i>	mëek	<i>kindness</i>
neer	<i>wrapping</i>		
yeeth	<i>money</i>		
teen	<i>music, beating of drum</i>		

The following words have the vowel **ε** or **ë**.

ε		ë	
nep	<i>burn something</i>	nëk	<i>kill, murder someone</i>
keŋ	<i>groan (with pain)</i>	kën	<i>give</i>
keth	<i>bile, gall, rusting</i>	cëth	<i>excrement, feces</i>
pen	<i>towns (pl)</i>	pëm	<i>rock, mountain</i>
		yëm	<i>thigh</i>
		thëk	<i>bull with twisted horns</i>
		dër	<i>centre, middle</i>
		wëth	<i>buttock</i>
		kër	<i>net for fishing</i>
		lëc	<i>semen</i>
		këny	<i>debt</i>
		cët	<i>colour (general)</i>
		cël	<i>fish type</i>
		thëc	<i>dew</i>

cēŋ	<i>day</i>
wēt	<i>belief</i>

The following words have the vowel **ɛɛ** or **ëë**.

ɛɛ		ëë	
keet	<i>walking stick</i>	këët	<i>falcon, hawk</i>
gëer	<i>fence</i>	wëër	<i>night</i>
gëeth	<i>brightness</i>	wëër	<i>dung</i>
theem	<i>trying, testing</i>	nëër	<i>maternal uncle</i>
		gëëm	<i>midwife</i>
		mëëth	<i>friend</i>
		wëël	<i>herbs, medicine, drugs</i>

The following words have the vowel **e** or **ɛ**.

e		ɛ	
nep	<i>light, ignite something</i>	nep	<i>burn something</i>
ket	<i>swim</i>	kεŋ	<i>groan (with pain)</i>
rek	<i>pen (of cows)</i>	keth	<i>bile, gall, rusting</i>
pen	<i>town</i>	pen	<i>towns (pl)</i>
mer	<i>tear (of eye)</i>		
dep	<i>trap</i>		
rel	<i>termite mound</i>		
del	<i>goat</i>		
jeth	<i>scorpion</i>		
rel	<i>fox</i>		
nyet	<i>rib</i>		
ceŋ	<i>strap</i>		

The following words have the vowel **ee** or **ëë**.

ee		ëë	
teer	<i>playing</i>	keet	<i>walking stick</i>
keeth	<i>cow urine</i>	gëer	<i>fence</i>
teet	<i>hand</i>	gëeth	<i>brightness</i>
weer	<i>blessing</i>	theem	<i>trying, testing</i>
ceer	<i>morning star</i>		
neer	<i>wrapping</i>		
yeeth	<i>money</i>		
teen	<i>music, beating of drum</i>		

The following words have the vowel **ë** or **ē**.

ë		ē	
cël	<i>elbow</i>	cël	<i>fish type</i>

gëm	<i>cheek</i>	cëŋ	<i>day</i>
gër	<i>back (of body or something)</i>	cëth	<i>excrement, feces</i>
mël	<i>oath, promise</i>	pëm	<i>rock, mountain</i>
yër	<i>river, lake</i>	yëm	<i>thigh</i>
cëk	<i>wife</i>	thëk	<i>bull with twisted horns</i>
cër	<i>bright star, morning star</i>	dër	<i>centre, middle</i>
lël	<i>net for carrying container</i>	wëth	<i>buttock</i>
jëp	<i>axe</i>	kër	<i>net for fishing</i>
lëk	<i>word, speaking</i>	lëc	<i>semen</i>
dëbël	<i>eagle</i>	këny	<i>debt</i>
dëkër	<i>hot season</i>	cët	<i>colour (general)</i>
		thëc	<i>dew</i>
		wët	<i>belief</i>

The following words have the vowel **ëë** or **ëë**.

ëë		ëë	
tëër	<i>chicken</i>	wëër	<i>night</i>
bëël	<i>sorghum, dura</i>	wëër	<i>dung</i>
lëëth	<i>begging</i>	këët	<i>falcon, hawk</i>
rëët	<i>razor</i>	nëër	<i>maternal uncle</i>
mëëk	<i>kindness</i>	gëëm	<i>midwife</i>
		mëëth	<i>friend</i>
		wëël	<i>herbs, medicine, drugs</i>

The following words have the vowel **i** or **ï**.

i		ï	
dir	<i>cricket insect</i>	dir	<i>bump (in ground)</i>
jic	<i>stomach</i>	jïc	<i>leaf, ear</i>
dit	<i>song</i>	tïc	<i>feast</i>
dit	<i>bird</i>	tïk	<i>cloudy day</i>
cil	<i>rhino</i>	tïk	<i>chin</i>
piny	<i>ground, land</i>	pï	<i>water</i>
rit	<i>ebony tree</i>	rïc	<i>beam, rafter</i>
lip	<i>tongue</i>		
cir	<i>sea, wide river</i>		
nyith	<i>brain</i>		

The following words have the vowel **ii** or **ïï**.

ii		ïï	
tiil	<i>rings, irons (pl)</i>	thïïm	<i>breast</i>
diit	<i>birds (pl)</i>	rïïŋ	<i>meat</i>
		lïïm	<i>messenger</i>
		tïït	<i>mahogany tree</i>

tiit	<i>understand s.m.</i>	püik	<i>push something</i>
tiij	<i>hit something</i>		
riij	<i>run something</i>		
liip	<i>wait for something</i>		
ciim	<i>kiss someone</i>		
niin	<i>sleep something</i>		
ciir	<i>discuss something</i>		
jiit	<i>mark something</i>		
ciil	<i>slice something</i>		
biir	<i>spear (v.in)</i>	tüic	<i>be tight</i>
liij	<i>hear, listen</i>	düit	<i>be big (in size)</i>
		liij	<i>sink</i>
		cüim	<i>beat</i>

The following words have the vowel **o** or **ö**.

o	ö		
kok	<i>bribe</i>	kök	<i>hole in log</i>
nop	<i>message</i>	pör	<i>road, path</i>
lol	<i>valley</i>	thöl	<i>wall</i>
kom	<i>bark (of tree), shell (of groundnut)</i>	dör	<i>tribe</i>
gok	<i>quiver, bag of arrows</i>	köt	<i>shield</i>
yoj	<i>opening, hole</i>	yöt	<i>hut, room</i>
doth	<i>virgin</i>	mök	<i>buffalo</i>
thot	<i>wooden peg</i>	tök	<i>laugh</i>
		jök	<i>dog</i>
		kök	<i>migration</i>
		röl	<i>voice</i>
		böm	<i>hump (of cow)</i>
		böl	<i>flame</i>
		kör	<i>fighting, arguing</i>

The following words have the vowel **oo** or **öö**.

oo	öö		
door	<i>peace</i>	böör	<i>full moon</i>
goonj	<i>hospitality for guests</i>	lööj	<i>tool of witchdoctor</i>
noonj	<i>wedding</i>	cöör	<i>blindness</i>
rook	<i>molar tooth</i>	dhöök	<i>leopard skin</i>
		lööj	<i>rule</i>

The following words have the vowel **o** or **ö**.

o	ö		
nök	<i>feather</i>	dök	<i>river</i>
döm	<i>defending</i>	ηöp	<i>fig</i>

jək	<i>back (of something)</i>	γəl	<i>arm</i>
jək	<i>magic, god</i>	γök	<i>peg, stake</i>
kəm	<i>stool, chair</i>	rəth	<i>armpit</i>
dhəl	<i>boy</i>	thəl	<i>snake</i>
ləc	<i>heart</i>	jör	<i>forest</i>
gəl	<i>brye, corral, pen</i>	də	<i>thing</i>
dət	<i>vagina</i>		
γər	<i>swamp area</i>		

The following words have the vowel **ə** or **ö**.

ə		ö	
cəl	<i>call, invite someone</i>	göl	<i>boast, brag something</i>
γəc	<i>buy something</i>	töŋ	<i>advise someone</i>
γəl	<i>cough something</i>	ləŋ	<i>rest something</i>
cər	<i>make someone blind</i>	köm	<i>beat, thresh something</i>
jək	<i>begin something</i>	ŋöŋ	<i>oppress someone</i>
kəc	<i>sew something</i>		
cəl	<i>announce</i>	kör	<i>spread out</i>
gəl	<i>be new</i>	γöl	<i>hit, strike</i>
təŋ	<i>jump</i>		
dəm	<i>catch (in air)</i>		
nəŋ	<i>take away</i>		
jəm	<i>wind</i>		
kər	<i>forearm</i>		

The following words have the vowel **o** or **ɔ**.

o		ɔ	
kom	<i>bark (of tree), shell (of groundnut)</i>	kəm	<i>stool, chair</i>
kok	<i>bribe</i>	nək	<i>feather</i>
nop	<i>message</i>	dəm	<i>defending</i>
lol	<i>valley</i>	jək	<i>back (of something)</i>
gok	<i>quiver, bag of arrows</i>	jək	<i>magic, god</i>
γoŋ	<i>opening, hole</i>	dhəl	<i>boy</i>
doth	<i>virgin</i>	ləc	<i>heart</i>
thot	<i>wooden peg</i>	gəl	<i>brye, corral, pen</i>
		dət	<i>vagina</i>
		γər	<i>swamp area</i>

The following words have the vowel **oo** or **ö**.

oo		ö	
book	<i>offer something</i>	jək	<i>begin something</i>
noonŋ	<i>bring something</i>	cəl	<i>call, invite someone</i>
noop	<i>send something</i>	γəc	<i>buy something</i>

gool	<i>be around</i>	gool	<i>be new</i>
door	<i>mediate, intercede</i>	cool	<i>announce</i>
jook	<i>begin</i>	toonj	<i>jump</i>
koot	<i>dry</i>	doom	<i>catch (in air)</i>
root	<i>cry</i>	noonj	<i>take away</i>
goonj	<i>hospitality for guests</i>	joom	<i>wind</i>
door	<i>peace</i>	koor	<i>forearm</i>

The following words have the vowel **ö** or **ö̇**.

ö		ö̇	
thöl	<i>wall</i>	thöl	<i>snake</i>
kök	<i>hole in log</i>	dök	<i>river</i>
pör	<i>road, path</i>	nojöp	<i>fig</i>
dör	<i>tribe</i>	yök	<i>peg, stake</i>
köt	<i>shield</i>	röth	<i>armpit</i>
yöt	<i>hut, room</i>	yöl	<i>arm</i>
mök	<i>buffalo</i>	jör	<i>forest</i>
tök	<i>laugh</i>	dö	<i>thing</i>
jök	<i>dog</i>		
kök	<i>migration</i>		
röl	<i>voice</i>		
böm	<i>hump (of cow)</i>		
böl	<i>flame</i>		
kör	<i>fighting, arguing</i>		

The following words have the vowel **öö** or **öö̇**.

öö		öö̇	
gööl	<i>surround something</i>	göö̇l	<i>boast, brag something</i>
göör	<i>want, desire something</i>	töö̇nj	<i>advise someone</i>
kööt	<i>dry something</i>	löö̇nj	<i>rest something</i>
lööm	<i>borrow, take something</i>	köö̇m	<i>beat, thresh something</i>
		nojöö̇nj	<i>oppress someone</i>
döör	<i>mediate, intercede</i>	köö̇r	<i>spread out</i>
döön	<i>dry</i>	yöö̇l	<i>hit, strike</i>

The following words have the vowel **u** or **o**.

u		o	
bul	<i>drum, dance</i>	lol	<i>valley</i>
thuny	<i>nasal mucus</i>	nop	<i>message</i>
tuñj	<i>branch (of tree)</i>	kom	<i>bark (of tree), shell (of groundnut)</i>
tuñj	<i>horn (of animal)</i>	gok	<i>quiver, bag of arrows</i>
pul	<i>pool</i>	yoñj	<i>opening, hole</i>
mun	<i>dirt, soil</i>	doth	<i>virgin</i>

tut	<i>male</i>	thot	<i>wooden peg</i>
luk	<i>court case</i>	kok	<i>bribe</i>
dut	<i>grass</i>		
wum	<i>nose</i>		
mut	<i>spear type</i>		
wut	<i>ostrich</i>		
bur	<i>camp</i>		
tur	<i>dust</i>		
cul	<i>penis</i>		
rum	<i>club, stick</i>		
dul	<i>bundle</i>		
luth	<i>mud fish</i>		

The following words have the vowel **uu** or **oo**.

uu		oo	
duur	<i>eloping</i>	door	<i>peace</i>
tuut	<i>bull</i>	goon	<i>hospitality for guests</i>
luum	<i>gossiper</i>	noon	<i>wedding</i>
muuth	<i>darkness</i>	rook	<i>molar tooth</i>
ruu	<i>knot, tying</i>		
guu	<i>bee</i>		

Exercise 7

Carefully read and say the test words between the lines below. The **bold** vowel in the middle of each test word may or may not be written correctly. Test the sound of the bold vowel by comparing it with the vowel sound in the words on the left and right. If the sound for the bold vowel is the same as in the word on the left, write the word correctly with that vowel. If the sound for the bold vowel is the same as in the word on the right, write the word correctly with that vowel. The first one has been done as an example.

		Test Word			Write correctly	
daŋ	<i>elder</i>	măc	<i>family</i>	ŋăt	<i>oil</i>	<u>mac</u>
daŋ	<i>elder</i>	măth	<i>drink</i>	ŋăt	<i>oil</i>	_____
daŋ	<i>elder</i>	kar	<i>branches</i>	ŋăt	<i>oil</i>	_____
daŋ	<i>elder</i>	jal	<i>guest, visitor</i>	ŋăt	<i>oil</i>	_____
kaak	<i>field</i>	kaaŋ	<i>proverb</i>	ŋăăth	<i>illness</i>	_____
kaak	<i>field</i>	băăc	<i>calf (of leg)</i>	ŋăăth	<i>illness</i>	_____
kaak	<i>field</i>	măăl	<i>wealth</i>	ŋăăth	<i>illness</i>	_____
jeth	<i>scorpion</i>	cĕŋ	<i>strap</i>	jĕp	<i>axe</i>	_____
jeth	<i>scorpion</i>	cĕk	<i>wife</i>	jĕp	<i>axe</i>	_____
jeth	<i>scorpion</i>	rel	<i>termite mound</i>	jĕp	<i>axe</i>	_____
jeth	<i>scorpion</i>	gem	<i>cheek</i>	jĕp	<i>axe</i>	_____
yeeth	<i>money</i>	reet	<i>razor</i>	tĕer	<i>chicken</i>	_____
yeeth	<i>money</i>	bĕel	<i>sorghum, dura</i>	tĕer	<i>chicken</i>	_____

yeeth	<i>money</i>	këeth	<i>cow urine</i>	tëer	<i>chicken</i>	
keth	<i>rusting</i>	këny	<i>debt</i>	yəm	<i>thigh</i>	
keth	<i>rusting</i>	këŋ	<i>groan (with pain)</i>	yəm	<i>thigh</i>	
keth	<i>rusting</i>	thec	<i>dew</i>	yəm	<i>thigh</i>	
geer	<i>fence</i>	theem	<i>trying, testing</i>	mëeth	<i>friend</i>	
geer	<i>fence</i>	wëer	<i>dung</i>	mëeth	<i>friend</i>	
jeth	<i>scorpion</i>	ket	<i>swim</i>	keth	<i>rusting</i>	
jeth	<i>scorpion</i>	rel	<i>fox</i>	keth	<i>rusting</i>	
jeth	<i>scorpion</i>	nep	<i>burn something</i>	keth	<i>rusting</i>	
jeth	<i>scorpion</i>	pen	<i>towns (pl)</i>	keth	<i>rusting</i>	
yeeth	<i>money</i>	keet	<i>walking stick</i>	geer	<i>fence</i>	
yeeth	<i>money</i>	teet	<i>hand</i>	geer	<i>fence</i>	
yeeth	<i>money</i>	ceer	<i>morning star</i>	geer	<i>fence</i>	
jëp	<i>axe</i>	yër	<i>river, lake</i>	yəm	<i>thigh</i>	
jëp	<i>axe</i>	lëc	<i>semen</i>	yəm	<i>thigh</i>	
jëp	<i>axe</i>	cël	<i>elbow</i>	yəm	<i>thigh</i>	
tëer	<i>chicken</i>	gëëm	<i>midwife</i>	mëeth	<i>friend</i>	
tëer	<i>chicken</i>	wëer	<i>night</i>	mëeth	<i>friend</i>	
tëer	<i>chicken</i>	mëëk	<i>kindness</i>	mëeth	<i>friend</i>	
lip	<i>tongue</i>	tic	<i>feast</i>	jïc	<i>ear</i>	
lip	<i>tongue</i>	rit	<i>ebony tree</i>	jïc	<i>ear</i>	
lip	<i>tongue</i>	tïk	<i>chin</i>	jïc	<i>ear</i>	
lip	<i>tongue</i>	jïc	<i>stomach</i>	jïc	<i>ear</i>	
diit	<i>birds</i>	thiïn	<i>breast</i>	rïiŋ	<i>meat</i>	
diit	<i>birds</i>	tïl	<i>rings, irons (pl)</i>	rïiŋ	<i>meat</i>	
diit	<i>birds</i>	tït	<i>mahogany tree</i>	rïiŋ	<i>meat</i>	
doth	<i>virgin</i>	lol	<i>valley</i>	jök	<i>dog</i>	
doth	<i>virgin</i>	por	<i>road, path</i>	jök	<i>dog</i>	
doth	<i>virgin</i>	bol	<i>flame</i>	jök	<i>dog</i>	
noon	<i>wedding</i>	coor	<i>blindness</i>	dhöök	<i>skin</i>	
noon	<i>wedding</i>	röök	<i>molar tooth</i>	dhöök	<i>skin</i>	
ɣor	<i>swamp</i>	jör	<i>forest</i>	ŋöp	<i>fig</i>	
ɣor	<i>swamp</i>	köm	<i>stool, chair</i>	ŋöp	<i>fig</i>	
ɣor	<i>swamp</i>	ɣəl	<i>arm</i>	ŋöp	<i>fig</i>	
ɣor	<i>swamp</i>	jök	<i>magic, god</i>	ŋöp	<i>fig</i>	
käär	<i>forearm</i>	ŋoŋ	<i>oppress someone</i>	thööl	<i>snakes</i>	
käär	<i>forearm</i>	jöom	<i>wind</i>	thööl	<i>snakes</i>	
käär	<i>forearm</i>	köör	<i>forearm</i>	thööl	<i>snakes</i>	
doth	<i>virgin</i>	thot	<i>wooden peg</i>	ɣor	<i>swamp</i>	
doth	<i>virgin</i>	nok	<i>feather</i>	ɣor	<i>swamp</i>	
doth	<i>virgin</i>	nop	<i>message</i>	ɣor	<i>swamp</i>	
doth	<i>virgin</i>	dhəl	<i>boy</i>	ɣor	<i>swamp</i>	
noon	<i>wedding</i>	göoŋ	<i>hospitality</i>	käär	<i>forearm</i>	
noon	<i>wedding</i>	ɣöoc	<i>buy something</i>	käär	<i>forearm</i>	
noon	<i>wedding</i>	door	<i>peace</i>	käär	<i>forearm</i>	

jök	<i>dog</i>	dör	<i>tribe</i>	ņöp	<i>fig</i>	_____
jök	<i>dog</i>	röth	<i>armpit</i>	ņöp	<i>fig</i>	_____
jök	<i>dog</i>	röl	<i>voice</i>	ņöp	<i>fig</i>	_____
dhöök	<i>skin</i>	lööm	<i>borrow, take s.m.</i>	thööl	<i>snakes</i>	_____
dhöök	<i>skin</i>	kööm	<i>beat, thresh s.m.</i>	thööl	<i>snakes</i>	_____
dut	<i>grass</i>	guk	<i>quiver, bag</i>	doth	<i>virgin</i>	_____
dut	<i>grass</i>	dol	<i>bundle</i>	doth	<i>virgin</i>	_____
muuth	<i>darkness</i>	tuut	<i>bull</i>	noon	<i>wedding</i>	_____

Long and short vowels

The words **gak** ‘peel, skin (of fruit)’ and **gaak** ‘jaw’ have different vowel sounds. The vowel in **gaak** ‘jaw’ takes longer to say than the vowel in **gak** ‘peel, skin’. The vowel in **gaak** ‘jaw’ is a long vowel and the vowel in **gak** ‘peel, skin’ is a short vowel.

Each of the 13 Reel vowels can be short or long. We write long vowels with doubled vowel letters.

	Short vowels		Long vowels
a	daŋ <i>elder</i>	aa	kaak <i>field, garden</i>
ä	ŋät <i>oil</i>	ää	ŋääth <i>illness</i>
e	jeth <i>scorpion</i>	ee	yeeth <i>money</i>
ë	jëp <i>axe</i>	ëë	tëer <i>chicken</i>
ε	keth <i>rusting</i>	εε	gεer <i>fence</i>
ë	yëm <i>thigh</i>	ëë	mëëth <i>friend</i>
i	lip <i>tongue</i>	ii	diit <i>birds (pl)</i>
ï	jïc <i>ear</i>	ïï	rïiŋ <i>meat</i>
o	doth <i>virgin</i>	oo	noon <i>wedding</i>
ö	jök <i>dog</i>	öö	dhöök <i>leopard skin</i>
ɔ	yɔr <i>swamp area</i>	ɔɔ	kɔɔr <i>forearm</i>
ö	ņöp <i>fig</i>	öö	thööl <i>snakes (pl)</i>
u	dut <i>grass</i>	uu	muuth <i>darkness</i>

The following words have the vowel **a** or **aa**. Say each of these words and listen to the sound of the vowels **a** and **aa**.

a	aa
gak <i>peel, skin (of fruit)</i>	gaak <i>jaws</i>
thar <i>waist</i>	yaar <i>plank of wood</i>
ban <i>bedbug</i>	daan <i>palate, top of mouth</i>
ŋak <i>pus</i>	kaak <i>field, garden</i>
mac <i>fire</i>	baac <i>calf (of leg)</i>
nyal <i>girl, daughter</i>	maar <i>relative by blood</i>
par <i>open water, lake</i>	kaar <i>background information</i>

The following words have the vowel **ä** or **ää**.

ä	ää
jäl <i>guest, visitor</i>	jääl <i>trip, journey, movement</i>
käk <i>phlegm, throat mucus</i>	gääk <i>wing</i>
jär <i>belch, burp</i>	gäär <i>scars on forehead</i>
mäth <i>drink</i>	ṅääth <i>illness</i>
cäny <i>heel (of foot)</i>	wään <i>way, place, method</i>
ṅär <i>bean</i>	rääl <i>muscle</i>
kär <i>branches</i>	määl <i>wealth</i>
läṅ <i>prayer</i>	kääṅ <i>proverb</i>
Jäṅ <i>dinka person</i>	thääṅ <i>side of body, other side</i>
täth <i>mould, forge</i>	ṅääth <i>hope</i>

The following words have the vowel **e** or **ee**.

e	ee
mer <i>tear (of eye)</i>	neer <i>wrapping</i>
dep <i>trap</i>	keeth <i>cow urine</i>
nyet <i>rib</i>	teet <i>hand</i>
rel <i>fox</i>	teer <i>playing</i>
rel <i>termite mound</i>	ceer <i>morning star</i>
del <i>goat</i>	weer <i>blessing</i>
jeth <i>scorpion</i>	yeeth <i>money</i>
ceṅ <i>strap</i>	teenṅ <i>music, beating of drum</i>

The following words have the vowel **ë** or **ëë**.

ë	ëë
cër <i>bright star, morning star</i>	tëer <i>chicken</i>
mël <i>oath, promise</i>	bëël <i>sorghum, dura</i>
jëp <i>axe</i>	lëëth <i>begging</i>
lëk <i>word, speaking</i>	rëet <i>razor</i>
cëk <i>wife</i>	mëëk <i>kindness</i>

The following words have the vowel **ɛ** or **ɛɛ**.

ɛ	ɛɛ
kɛth <i>bile, gall, rusting</i>	gɛeth <i>brightness</i>
pen <i>towns (pl)</i>	theem <i>trying, testing</i>
nep <i>burn something</i>	peen <i>fall</i>
keṅ <i>groan (with pain)</i>	

The following words have the vowel **ë** or **ëë**.

ë	ëë
cēt <i>colour (general)</i>	këët <i>falcon, hawk</i>
dër <i>centre, middle</i>	wëër <i>night</i>
kër <i>net for fishing</i>	wëër <i>dung</i>
yëm <i>thigh</i>	gëëm <i>midwife</i>
wëth <i>buttock</i>	mëëth <i>friend</i>
cël <i>fish type</i>	wëël <i>herbs, medicine, drugs</i>
cëŋ <i>day</i>	nëër <i>maternal uncle</i>

The following words have the vowel **i** or **ii**.

i	ii
cil <i>rhino</i>	tiil <i>rings, irons (pl)</i>
dit <i>bird</i>	diit <i>birds (pl)</i>
liŋ <i>hear something</i>	riiŋ <i>run something</i>
min <i>wink something</i>	niin <i>sleep something</i>
bir <i>spear something</i>	ciir <i>discuss something</i>
bil <i>lick something</i>	ciil <i>slice something</i>
riŋ <i>run</i>	liiŋ <i>listen</i>

The following words have the vowel **ï** or **ïï**.

ï	ïï
tik <i>chin</i>	tïit <i>mahogany tree</i>
jïc <i>leaf, ear</i>	lïim <i>messenger</i>
tïc <i>feast</i>	rïiŋ <i>meat</i>
dir <i>bump (in ground)</i>	thïin <i>breast</i>
ric <i>straighten, stretch something</i>	pïik <i>push something</i>

The following words have the vowel **o** or **oo**.

o	oo
yoŋ <i>opening, hole</i>	goon <i>hospitality for guests</i>
kom <i>bark (of tree), shell (of groundnut)</i>	noon <i>wedding</i>
lol <i>valley</i>	door <i>peace</i>
gok <i>quiver, bag of arrows</i>	rook <i>molar tooth</i>

The following words have the vowel **ö** or **öö**.

ö	öö
dör <i>tribe</i>	böör <i>full moon</i>
kök <i>migration</i>	dhöök <i>leopard skin</i>
böm <i>hump (of cow)</i>	lööŋ <i>rule</i>
böl <i>flame</i>	lööŋ <i>tool of witchdoctor</i>
kör <i>fighting, arguing</i>	cöör <i>blindness</i>

The following words have the vowel **ɔ** or **ɔɔ**.

ɔ		ɔɔ	
dɔm	<i>catch something (in air)</i>	cɔɔl	<i>call, invite someone</i>
lɔc	<i>choose something</i>	ɣɔɔc	<i>buy something</i>
nɔŋ	<i>take away something</i>	ɣɔɔl	<i>cough something</i>
lɔk	<i>winnow something</i>	jɔɔk	<i>begin something</i>
kɔk	<i>pay something</i>	kɔɔc	<i>sew something</i>
lɔr	<i>be empty</i>	gɔɔl	<i>be new</i>
dɔŋ	<i>be old</i>	nɔɔŋ	<i>take away</i>
kɔm	<i>stool, chair</i>	jɔɔm	<i>wind</i>
ɣɔr	<i>swamp area</i>	kɔɔr	<i>forearm</i>

The following words have the vowel **ɔ̃** or **ɔ̃ɔ̃**.

ɔ̃		ɔ̃ɔ̃	
kɔ̃r	<i>spread something out</i>	kɔ̃ɔ̃m	<i>beat, thresh something</i>
ŋɔ̃ŋ	<i>be poor</i>	ɣɔ̃ɔ̃l	<i>hit, strike</i>

The following words have the vowel **u** or **uu**.

u		uu	
dut	<i>grass</i>	tuut	<i>bull</i>
tur	<i>dust</i>	duur	<i>eloping</i>
rum	<i>club, stick</i>	luum	<i>gossiper</i>
luth	<i>mud fish</i>	muuth	<i>darkness</i>

Exercise 8

Carefully read and say the test words between the lines below. The **bold** vowel in the middle of each test word may or may not be written correctly. Test the sound of the bold vowel by comparing it with the vowel sound in the words on the left and right. If the sound for the bold vowel is the same as in the word on the left, write the word correctly with that vowel. If the sound for the bold vowel is the same as in the word on the right, write the word correctly with that vowel. The first one has been done as an example.

		Test Word				Write correctly
daŋ	<i>elder</i>	ɣar	<i>plank of wood</i>	kaak	<i>field</i>	<u>yaar</u>
daŋ	<i>elder</i>	nyal	<i>girl, daughter</i>	kaak	<i>field</i>	_____
daŋ	<i>elder</i>	ŋaak	<i>pus</i>	kaak	<i>field</i>	_____
ŋät	<i>oil</i>	määth	<i>drink</i>	ŋääth	<i>illness</i>	_____
ŋät	<i>oil</i>	räl	<i>muscle</i>	ŋääth	<i>illness</i>	_____
ŋät	<i>oil</i>	ŋär	<i>bean</i>	ŋääth	<i>illness</i>	_____
ŋät	<i>oil</i>	gäk	<i>wing</i>	ŋääth	<i>illness</i>	_____
jeth	<i>scorpion</i>	reel	<i>fox</i>	yeeth	<i>money</i>	_____

jeth	<i>scorpion</i>	teen	<i>music, beating</i>	yeeth	<i>money</i>	_____
jeth	<i>scorpion</i>	ceer	<i>morning star</i>	yeeth	<i>money</i>	_____
jëp	<i>axe</i>	lëk	<i>word, speaking</i>	tëer	<i>chicken</i>	_____
jëp	<i>axe</i>	rët	<i>razor</i>	tëer	<i>chicken</i>	_____
keth	<i>rusting</i>	pëen	<i>fall</i>	geer	<i>fence</i>	_____
keth	<i>rusting</i>	theem	<i>trying, testing</i>	geer	<i>fence</i>	_____
keth	<i>rusting</i>	pëen	<i>towns (pl)</i>	geer	<i>fence</i>	_____
keth	<i>rusting</i>	nep	<i>burn something</i>	geer	<i>fence</i>	_____
yëm	<i>thigh</i>	cël	<i>fish type</i>	mëëth	<i>friend</i>	_____
yëm	<i>thigh</i>	gëm	<i>midwife</i>	mëëth	<i>friend</i>	_____
yëm	<i>thigh</i>	cëëh	<i>day</i>	mëëth	<i>friend</i>	_____
lip	<i>tongue</i>	liih	<i>hear something</i>	diit	<i>birds</i>	_____
lip	<i>tongue</i>	ciir	<i>discuss something</i>	diit	<i>birds</i>	_____
lip	<i>tongue</i>	cil	<i>slice something</i>	diit	<i>birds</i>	_____
lip	<i>tongue</i>	rih	<i>run</i>	diit	<i>birds</i>	_____
jic	<i>ear</i>	dïir	<i>bump (in ground)</i>	rïih	<i>meat</i>	_____
jic	<i>ear</i>	tïit	<i>mahogany tree</i>	rïih	<i>meat</i>	_____
jic	<i>ear</i>	tïik	<i>chin</i>	rïih	<i>meat</i>	_____
jic	<i>ear</i>	lïim	<i>messenger</i>	rïih	<i>meat</i>	_____
doth	<i>virgin</i>	yoŋ	<i>opening, hole</i>	nooŋ	<i>wedding</i>	_____
doth	<i>virgin</i>	rok	<i>molar tooth</i>	nooŋ	<i>wedding</i>	_____
doth	<i>virgin</i>	kom	<i>bark, shell</i>	nooŋ	<i>wedding</i>	_____
doth	<i>virgin</i>	dor	<i>peace</i>	nooŋ	<i>wedding</i>	_____
jök	<i>dog</i>	böör	<i>full moon</i>	dhöök	<i>skin</i>	_____
jök	<i>dog</i>	löŋ	<i>rule</i>	dhöök	<i>skin</i>	_____
jök	<i>dog</i>	böm	<i>hump (of cow)</i>	dhöök	<i>skin</i>	_____
jök	<i>dog</i>	köör	<i>fighting, arguing</i>	dhöök	<i>skin</i>	_____
Ƴor	<i>swamp</i>	kööm	<i>stool, chair</i>	köör	<i>forearm</i>	_____
Ƴor	<i>swamp</i>	lor	<i>be empty</i>	köör	<i>forearm</i>	_____
Ƴor	<i>swamp</i>	göl	<i>be new</i>	köör	<i>forearm</i>	_____
ŋöp	<i>fig</i>	kööm	<i>beat, thresh something</i>	thööl	<i>snakes (pl)</i>	_____
ŋöp	<i>fig</i>	ŋööh	<i>be poor</i>	thööl	<i>snakes (pl)</i>	_____
dut	<i>grass</i>	dur	<i>eloping</i>	muuth	<i>darkness</i>	_____
dut	<i>grass</i>	tur	<i>dust</i>	muuth	<i>darkness</i>	_____
dut	<i>grass</i>	tuut	<i>bull</i>	muuth	<i>darkness</i>	_____
dut	<i>grass</i>	luuth	<i>mud fish</i>	muuth	<i>darkness</i>	_____

Vowels i, ĩ and u before and after other vowels

The vowels **i**, **ĩ** and **u** often come before or after other vowels. In the following chart, all possible ways that **i**, **ĩ** is with other vowels are shown. Read each word carefully and listen to the sound of the vowels together. All vowels in the same syllable are breathy, or all vowels in the same syllable are non-breathy.

Short vowels			Long vowels								
i, ĩ before			i, ĩ after								
ia	dhiac	<i>bruise</i>	ai	pai	<i>month</i>	iaa	nhiaal	<i>god</i>	aai	taai	<i>open place</i>
ĩä	pĩär	<i>cloud</i>	äi	käi	<i>first born</i>	ĩää	dĩääth	<i>old cloth</i>	äai	gäai	<i>surprise</i>
ie	ruei	<i>saliva</i>	ei	nei	<i>persons</i>	iee	cieen	<i>last word</i>	eei	yieei	<i>spirit</i>
iē	rĩec	<i>rat</i>	eī	dēi	<i>hammer</i>	iēē	liēep	<i>tongues</i>	ēei	rĩēēi	<i>rats</i>
iē	nhiem	<i>charcoal</i>	eī	tēi	<i>stick</i>	iēē	miēeth	<i>root</i>	ēei	—	
iē̄	thĩē̄̄	<i>antelope</i>	eī̄	wēi	<i>camp</i>	iē̄ē̄	dĩē̄̄t	<i>elder</i>	ēēi	gēēi	<i>surprise s.m.</i>
io	riop	<i>claw</i>	oi	loi	<i>choice</i>	ioo	—		ooi	—	
iō	rĩōp	<i>claws</i>	oī	lōi	<i>umb. cord</i>	iōō	thĩō̄ol	<i>fats</i>	ōoi	γōōi	<i>hip</i>
iō̄	thiō̄̄	<i>fat</i>	oī̄	γōi	<i>buy</i>	iō̄ō̄	—		ōōi	γōōi	<i>run</i>
iō̄̄	tĩō̄̄̄	<i>those</i>	oī̄̄	ruōi	<i>maggot</i>	iō̄̄ō̄̄	liō̄̄̄ok	<i>earthworm</i>	ōōi	luōōi	<i>work</i>

In the following chart, all possible ways that **u** is with other vowels are shown. Read each word carefully and listen to the sound of the vowels together.

Short vowels			Long vowels								
u before			u after								
ua	kuac	<i>leopard</i>	au	dau	<i>heifer</i>	uaa	ruaal	<i>incest</i>	aau	baau	<i>cracks</i>
uä	ruä	<i>in-law</i>	äu	näu	<i>sour milk</i>	uäa	guäär	<i>my father</i>	äau	käau	<i>hole</i>
ue	ruei	<i>saliva</i>	eu	teu	<i>life</i>	uee	rueet	<i>pregnancy</i>	eeu	keeu	<i>be drunk</i>
uē	cuēr	<i>thief</i>	eū	kuēu	<i>roach</i>	uēē	kuē̄er	<i>paddle</i>	ēeu	—	
uē̄	kuel	<i>star</i>	eū̄	keu	<i>cackle</i>	uē̄ē̄	kuē̄em	<i>break out</i>	ēeu	—	
uē̄̄	γuēk	<i>neck</i>	eū̄̄	yīēu	<i>spell</i>	uē̄̄ē̄̄	nuē̄̄er	<i>body</i>	ē̄̄eu	lē̄̄eu	<i>ferment s.m.</i>
ui	cuic	<i>hoofs</i>	iu	—		uii	cuii	<i>soup</i>	iiu	—	
uī	yuic	<i>head</i>	iū	—		uīī	yuīir	<i>venom</i>	iūu	—	
uo	luok	<i>mouse</i>	ou	jou	<i>chest</i>	uoo	thuoom	<i>harp</i>	oou	roou	<i>sadness</i>
uō	bōu	<i>herd</i>	ōu	—		uōō	kōōu	<i>bribes</i>	ōou	—	
uō̄	ruōk	<i>kidney</i>	ōū	rōu	<i>hippo</i>	uō̄ō̄	muō̄ō̄	<i>conversation</i>	ōōu	jōōu	<i>gods</i>
uō̄̄	puō̄ny	<i>body</i>	ōū	cōu	<i>termite</i>	uō̄̄ō̄̄	thuō̄̄m	<i>spirit</i>	ōōu	puō̄ōu	<i>air pump</i>

Other words with vowels **ia, ai, iaa, aai** are shown below. Read each word carefully and listen to the sound of the vowels.

ia	iaa
dhiac	<i>bruise</i>
nhiam	<i>front (of something)</i>
nhian	<i>testicle</i>
tiar	<i>flour, asida dough</i>
bia	<i>light</i>
ai	aai
pai	<i>month, moon</i>
yai	<i>joy, rejoicing</i>
wai	<i>vulture</i>

kuai	<i>descendant, seed</i>	
ruai	<i>speech, discourse</i>	

Words with vowels **iä**, **äi**, **iää**, **ääi** are shown below.

iä		iää	
pïär	<i>scar, cloud</i>	diääth	<i>rag, old cloth</i>
pïäl	<i>insult</i>	pïääl	<i>insults (pl)</i>
thiäk	<i>neighbour</i>	mïääl	<i>knees (pl)</i>
biäth	<i>pumpkin</i>	thiääu	<i>neighbours (pl)</i>
liä	<i>death</i>		
äi		ääi	
käi	<i>first born child</i>	gäai	<i>surprise</i>

Words with vowels **ie**, **ei**, **iee**, **eei** are shown below.

ie		iee	
ruei	<i>saliva</i>	cieen	<i>last word of dying person</i>
guei	<i>giraffes (pl)</i>	cieeth	<i>winnowing</i>
dhiei	<i>bruises (pl)</i>	nhieer	<i>love</i>
		thieec	<i>request</i>
		thieei	<i>stick, club of ebony</i>
		yieei	<i>spirit, breath</i>
ei		eei	
nei	<i>bodies, persons (pl)</i>	thieei	<i>stick, club of ebony</i>
kuei	<i>leopards (pl)</i>	yieei	<i>spirit, breath</i>

Words with vowels **ië**, **ëi**, **iëë**, **ëëi** are shown below.

ië		iëë	
riëc	<i>rat</i>	liëëp	<i>tongues (pl)</i>
nhïër	<i>turtle</i>	riëëi	<i>rats (pl)</i>
yïëi	<i>life, soul, spirit</i>		
ëi		ëëi	
dëi	<i>hammer</i>	riëëi	<i>rats (pl)</i>
lëi	<i>tooth</i>		
yïëi	<i>life, soul, spirit</i>		

Words with vowels **ië**, **ei**, **ieë** are shown below.

ië		ieë	
nhiem	<i>charcoal</i>	jiëer	<i>shoulder blade</i>

tiel	<i>ring, iron</i>	miεth	<i>root</i>
yiet	<i>finger, toe</i>	ciεη	<i>tradition, custom</i>
liet	<i>sand</i>	riεem	<i>blood</i>
pieth	<i>growth, growing</i>	ciεel	<i>earwax</i>
		tiεer	<i>clitoris</i>
ei			
tei	<i>stick</i>		
bei	<i>pain</i>		
kei	<i>vision</i>		

Words with vowels **īē, ēī, īēē, ēēī** are shown below.

īē		īēē	
thīēη	<i>antelope, gazelle</i>	dīēēt	<i>elder, something big, important</i>
nhīēm	<i>fur, hair</i>	jīēēt	<i>decoration</i>
mīēth	<i>crop, resource, food</i>	yīēēr	<i>paint</i>
yīēl	<i>forest</i>	dīēēr	<i>pig</i>
tīēt	<i>traditional religion, magician</i>	nīēēn	<i>day</i>
yīēu	<i>spell, curse</i>	cīēēn	<i>intestine</i>
nīēu	<i>co-wife</i>	cīēēη	<i>home, land</i>
rīēī	<i>canoe, boat</i>	nyīēēl	<i>python</i>
ēī		ēēī	
wēī	<i>clan name, cattle camp</i>	gēēī	<i>surprise someone</i>
mēī	<i>dry season, winter</i>		
mēī	<i>labor pains</i>		
lēī	<i>animal</i>		
juēī	<i>fever</i>		
rīēī	<i>canoe, boat</i>		

Words with vowels **io, oi** are shown below.

io	
riop	<i>claw, fingernail</i>
lion	<i>pot hole, sloping ground</i>

oi	
loi	<i>choice</i>
boi	<i>fears (pl)</i>

Words with vowels **īō, ōī, īōō, ōōī** are shown below.

īō		īōō	
rīōp	<i>claws, fingernails (pl)</i>	cīōōu	<i>footprint, sole, leg</i>
jīōu	<i>dogs (pl)</i>	thīōōl	<i>fats (pl)</i>

öi	ööi
löi <i>umbilical cord</i>	γööi <i>hip</i> böi <i>fear</i>

Words with vowels **io**, **oi**, **oai** are shown below.

io	
thiol <i>fat</i>	
oi	oai
γoi <i>buy</i>	loai <i>choose</i> yoi <i>run</i>

Words with vowels **ioö**, **oiö**, **ioöo**, **oiöo** are shown below.

ioö	ioöo
tioö <i>those (near hearer)</i>	liöök <i>earthworm</i>
oiö	oiöo
ruöi <i>maggot, worm in meat</i>	luööi <i>work</i>

Words with vowels **ua**, **au**, **uaa**, **aaü** are shown below.

ua	uaa
ruath <i>steer, young male cow</i>	ruaal <i>incest</i>
duar <i>hunting</i>	yuaal <i>wisker (of cat, dog)</i>
tuaŋ <i>wailing, ululating</i>	tuaany <i>sickness</i>
guaŋ <i>swelling</i>	
rual <i>herd, group (rats, buffalos)</i>	
dual <i>veil</i>	
lual <i>weaver bird</i>	
kuac <i>leopard</i>	
kuai <i>descendant, seed</i>	
ruai <i>speech, discourse</i>	
au	aaü
dau <i>heifer, young female cow</i>	baau <i>cracks (pl)</i>
kau <i>bride</i>	

Words with vowels **uä**, **äu**, **uää**, **ääü** are shown below.

uä	uää
ruä <i>in-law, brother-in-law</i>	guäär <i>my father</i>
kuäth <i>bone marrow</i>	

äu	ääu
näu <i>sour milk</i>	lääu <i>dreams, prophesies (pl)</i>
däu <i>rivers (pl)</i>	kääu <i>pit, hole</i>
	thiääu <i>neighbours (pl)</i>

Words with vowels **ue**, **eu**, **uee**, **eeu** are shown below.

ue	uee
ruei <i>saliva</i>	rueet <i>pregnancy</i>
	kueeth <i>cockroaches (pl)</i>
eu	eeu
teu <i>life</i>	keeu <i>be drunk</i>
theu <i>menstrual period</i>	

Words with vowels **uë**, **ëu**, **uëë** are shown below.

uë	uëë
cuër <i>thief</i>	kuëër <i>paddle, oar</i>
kuël <i>amulet, charm, fetish</i>	cuëër <i>thieves (pl)</i>
guëc <i>giraffe</i>	
kuëu <i>cockroach</i>	
ëu	
kuëu <i>cockroach</i>	

Words with vowels **uε**, **εu**, **uεε** are shown below.

uε	uεε
kuεl <i>star</i>	kuεεm <i>break out</i>
cuεc <i>hoof</i>	
tuεŋ <i>knot, dart spot in wood</i>	
εu	
keu <i>cackle (like chicken)</i>	

Words with vowels **uë**, **ëu**, **uëë**, **ëëu** are shown below.

uë	uëë
tuëk <i>harvest season</i>	duëëny <i>paralyzed person</i>
ŋuëk <i>neck</i>	nuëër <i>body, corpse, person</i>
cuëny <i>liver</i>	
ruëth <i>chief, lord</i>	
juëk <i>cow udder, hernia</i>	
juël <i>tail</i>	
kuën <i>food</i>	

juëi	<i>fever</i>		
ëu		ëëu	
yïëu	<i>spell, curse</i>	lëëu	<i>ferment something</i>
nyïëu	<i>co-wife</i>	gëëu	<i>make someone late</i>

Words with vowels **ui**, **uui** are shown below.

ui		uui	
cuic	<i>hoofs (pl)</i>	cuii	<i>soup</i>
ruic	<i>maggots, worms (pl)</i>		
luic	<i>works (pl)</i>		

Words with vowels **uï**, **uïï** are shown below.

uï		uïï	
yuïc	<i>head</i>	yuïïr	<i>venom, posion of snake</i>

Words with vowels **uo**, **ou**, **uoo**, **oou** are shown below.

uo		uoo	
luok	<i>mouse</i>	thuoom	<i>harp instrument</i>
duoŋ	<i>mortar, pounding pot</i>		
kuoth	<i>rain</i>		
thuok	<i>mouth, language, message</i>		
tuol	<i>smoke</i>		
ou		oou	
jou	<i>chest</i>	roou	<i>dissapointment</i>
cou	<i>bridegroom, husband</i>		

Words with vowels **öu**, **ööu** are shown below.

öu		ööu	
böu	<i>herd (of cows)</i>	kööu	<i>bribes (pl)</i>
löu	<i>rejected person</i>	cïööu	<i>footprint, sole, leg</i>
yöu	<i>monies (pl)</i>		

Words with vowels **uɔ**, **ɔu**, **uɔɔ**, **ɔɔu** are shown below.

uɔ		uɔɔ	
ruɔk	<i>kidney</i>	muɔɔŋ	<i>conversation</i>
tuɔr	<i>flower</i>	duɔɔl	<i>folding (cloth)</i>
buɔɔ	<i>abdomen, outer stomach</i>		
guɔŋ	<i>guinea fowl</i>		
buɔl	<i>hare, rabbit</i>		

tuɔŋ <i>egg</i>	
buɔc <i>coward</i>	
cuɔu <i>urine</i>	
ɔu	ɔɔu
rɔu <i>hippo</i>	jɔɔu <i>gods (pl)</i>
lɔu <i>bamboo</i>	
cuɔu <i>urine</i>	

Words with vowels **uǔ, ɔu, uǔǔ, ɔǔu** are shown below.

uǔ	uǔǔ
puǔny <i>body</i>	thuǔǔm <i>ghost, spirit</i>
guǔp <i>skin</i>	luǔǔu <i>abscess, infection on skin</i>
luǔth <i>fetus, clotted blood</i>	tuǔǔl <i>initiation (of girl)</i>
muǔk <i>mole, small animal</i>	luǔǔi <i>work</i>
puǔth <i>dowry, marriage</i>	thuǔǔny <i>wood, tree trunk</i>
muǔl <i>knee</i>	luǔǔr <i>reception</i>
nyuǔm <i>seseme paste</i>	cuǔǔt <i>stump</i>
cuǔt <i>splinter, sliver</i>	ruǔǔn <i>year</i>
ŋuǔl <i>crowd</i>	nyuǔǔth <i>point (of something)</i>
buǔt <i>wound, sore</i>	buǔǔm <i>strength, force</i>
ruǔi <i>maggot, worm in meat</i>	guǔǔr <i>elephant</i>
thuǔu <i>end (of something)</i>	ŋuǔǔr <i>ankle</i>
	puǔǔu <i>bellow, air pump for fire</i>
	tuǔǔu <i>playing (of child)</i>
ɔu	ɔǔu
cɔu <i>termite, white ant</i>	puǔǔu <i>bellow, air pump for fire</i>
thuǔu <i>end (of something)</i>	tuǔǔu <i>playing (of child)</i>

We have the following spelling rule for breathy vowels together in the same syllable.

Spelling rule 2: All vowels in the same syllable (beat) are breathy, or all vowels in the same syllable are non-breathy. Breathy and non-breathy vowels are never mixed in the same syllable. However, **u** is never breathy, and can be in the same syllable with breathy vowels or in the same syllable with non-breathy vowels.

Non-breathy	Breathy
pai <i>month, moon</i>	pǎär <i>scar, cloud</i>
nhieer <i>love</i>	rǐēēi <i>rats (pl)</i>
nhiem <i>charcoal</i>	thiēŋ <i>antelope, gazelle</i>
riop <i>claw, fingernail</i>	rǐōp <i>claws, fingernails (pl)</i>
thiǔl <i>fat</i>	tǐō <i>those (near hearer)</i>
dual <i>veil</i>	kuǎth <i>bone marrow</i>
ruei <i>saliva</i>	cuēr <i>thief</i>

kuel	star	tuëk	harvest season
cuii	soup	yuiir	venom, posion of snake
luok	mouse	böu	herd (of cows)
ruok	kidney	puöny	body

Exercise 9

Carefully read and say each test word below. The vowels may or may not be written correctly. To know the correct vowels, compare the vowel sounds of the words below with those in the lists above. Write the word correctly in the space given. The first one is done as an example.

Test Word	Write correctly	Test Word	Write correctly
tiaar	<i>flour</i>	tiar	
bääh	<i>pumpkin</i>	guëi	<i>giraffes (pl)</i>
dääh	<i>rag, old cloth</i>	yiëi	<i>life, spirit</i>
yieei	<i>spirit, breath</i>	riëëi	<i>rats (pl)</i>
kai	<i>first born</i>	yieet	<i>finger, toe</i>
taai	<i>open place</i>	rieem	<i>blood</i>
niëu	<i>co-wife</i>	bei	<i>pain</i>
lëëi	<i>animal</i>	niën	<i>day</i>
boi	<i>fears (pl)</i>	lioöj	<i>pot hole</i>
yöoi	<i>hip</i>	jïöü	<i>dogs (pl)</i>
yöoi	<i>run</i>	thiol	<i>fat</i>
ruoi	<i>maggot</i>	lïöök	<i>earthworm</i>
käu	<i>bride</i>	guänj	<i>swelling</i>
kuäh	<i>bone marrow</i>	tuaany	<i>sickness</i>
lääu	<i>dreams (pl)</i>	teu	<i>life</i>
cuëër	<i>thieves (pl)</i>	kuëeth	<i>cockroaches (pl)</i>
kuel	<i>star</i>	kuëu	<i>cockroach</i>
nyieü	<i>co-wife</i>	cuëny	<i>liver</i>
cuic	<i>hoofs (pl)</i>	duëny	<i>lame person</i>
yuic	<i>head</i>	cuii	<i>soup</i>
tuol	<i>smoke</i>	yuiir	<i>snake venom</i>
thuoom	<i>harp</i>	coou	<i>husband</i>
ciöüu	<i>footprint</i>	yöu	<i>monies (pl)</i>
jöüu	<i>gods (pl)</i>	tuor	<i>flower</i>
thuöu	<i>end</i>	ruön	<i>year</i>
		juöl	<i>crowd</i>

Vowels i, i and u at the end of words

The consonants **w**, **y** can be at the beginning and middle of words, but never at the end of

words.

	Word beginning	Word middle	Word end
W w	wëer <i>night</i>	peweer <i>famine</i>	---
	waŋ <i>eye</i>	awaŋ <i>tobacco</i>	
Y y	yïël <i>forest</i>	ayak <i>lion</i>	---
	yuic <i>head</i>	ayään <i>wrestling</i>	

Instead the vowels **u**, **i**, **ï** are at the end of words.

	Word end
U u	jou <i>chest</i>
	kääu <i>pit, hole</i>
I i	tei <i>stick</i>
	taai <i>open place, clearing</i>
Ï ï	lëï <i>animal</i>
	yööï <i>hip</i>

So, we have the following spelling rule for these consonants and vowels at the end of words.

Spelling Rule 3a: At the end of words, write **u** and **i**, **ï** instead of **y** and **w**.

Correct	Wrong	
kau	kaw	<i>bride</i>
bei	bey	<i>pain</i>
dëï	dëy	<i>hammer</i>

Sometimes the letter **-ë** is added to the end of a noun to make a plural noun. The singular noun **böu** ‘herd’ becomes plural when the letter **-ë** is added, as in **böwë** ‘lazy persons’. At the end of the noun **böu** ‘herd’, we write the vowel **u** instead of the consonant **w**. There is only one syllable (beat) in the singular noun **böu** ‘herd’, but there are two syllables in the plural noun **böwë** ‘lazy persons’. In **böwë**, the vowels **ö** and **ë** are in two separate syllables (beats). We need the consonant **w** to separate these two vowels in the separate syllables. So in the plural noun **böwë** ‘lazy persons’, we write **w** instead of **u**. When the plural letter **-ë** is added to nouns ending in **i** or **ï**, we write the letter **y** instead of **i** or **ï**.

	Singular noun		Plural noun
u	böu <i>herd</i>	w	böwë <i>herds</i>
	cöu <i>termite</i>		cöwë <i>termites</i>
	agau <i>grass</i>		agawë <i>grasses</i>
	puööu <i>air pump</i>		puööwë <i>air pumps</i>
	raaljioou <i>rainbow</i>		raaljioowë <i>rainbows</i>
i	yai <i>joy</i>	y	yayë <i>joys</i>
	taai <i>open place</i>		taayë <i>open places</i>
ï	juëï <i>fever</i>	y	juäyë <i>fevers</i>

| acëcuiï *whip* | | acëcueeyë *whips*

Sometimes the letter –ë is added to the end of a noun to show it possesses or has a close relationship with the noun before it. The noun **thuöu** ‘end (of something)’ has the letter –ë when it possesses another noun, as in **wään thuwë** ‘place of end’. At the end of the common noun **thuöu** ‘end’, we write the vowel **u** instead of the consonant **w**. But in **wään thuwë** ‘place of end’ the vowels **u** and **ë** are in two separate syllables (beats). We need the consonant **w** to separate these two vowels in the separate syllables. So in the possessor noun **thu~~w~~ë** ‘lazy persons’, we write **w** instead of **u**. When the plural letter –ë is added to possessor nouns ending in **i** or **ï**, we write the letter **y** instead of **i** or **ï**.

	Common noun		Noun possessing another noun
u	thuöu <i>end (of something)</i>	w	wään thuwë <i>place of end</i>
i	tei <i>stick</i>	y	wään teyë <i>place of stick</i>
	yai <i>joy</i>		wään yayë <i>place of joy</i>
	taai <i>clearing</i>		wään tayë <i>place of clearing</i>
ï	käi <i>first born child</i>	y	wään këyë <i>place of first born child</i>
	bööï <i>fear</i>		wään bööyë <i>place of fear</i>
	gääï <i>surprise</i>		wään gëëyë <i>place of surprise</i>
	luööï <i>work</i>		wään luuyë <i>place of work</i>
	ruööï <i>maggot</i>		wään ruyë <i>place of maggot</i>

We have the following spelling rule for the vowel **u**, **i**, **ï** when the letter –ë is added.

Spelling Rule 1b: In-between vowels in two different syllables (beats), write **y** and **w** instead of **i** and **u**.

Correct	Wrong		Correct	Wrong	
cöu	cöw	<i>termite</i>	thuöu	thuöw	<i>end (of something)</i>
cöwë	cöuë	<i>termites</i>	wään thuwë	wään thuuë	<i>place of end</i>
yai	yay	<i>joy</i>	tei	tey	<i>stick</i>
yayë	yaië	<i>joys</i>	wään teyë	wään teië	<i>place of stick</i>
juëï	juëy	<i>fever</i>	käi	käy	<i>first born child</i>
juääyë	juääië	<i>fevers</i>	wään këyë	wään këië	<i>place of first born child</i>

Exercise 10

Carefully read and say each test word below. The **bold** letter in each test word may or may not be written correctly. Write the word correctly in the space given. The first one is done as an example.

Test Word		Write correctly	Test Word		Write correctly
aiak	<i>lion</i>	<u>ayak</u>	bey	<i>pain</i>	_____
wään bööyë	<i>place of fear</i>	_____	puööuë	<i>air pumps</i>	_____
tew	<i>life</i>	_____	yöoi	<i>run</i>	_____

auaŋ	<i>tobacco</i>	_____	löy	<i>umbilical cord</i>	_____
yöu	<i>monies (pl)</i>	_____	acëcuëyë	<i>whips</i>	_____
rïï	<i>canoe, boat</i>	_____	wään thuwë	<i>place of end</i>	_____
agauë	<i>grasses</i>	_____	lëi	<i>animal</i>	_____
wään luuië	<i>place of work</i>	_____	taayë	<i>open places</i>	_____
baau	<i>cracks (pl)</i>	_____	wään yaië	<i>place of joy</i>	_____

Tone

Some words sound the same except for tone. We now learn about these words.

Tone is how High or Low the sound of the syllable is, or how the sound rises or falls. The noun **rel** ‘fox’ has High tone and **rel** ‘termite mound’ has Low tone. Do you hear this difference?

Below are other words that differ only by tone. There are only a few nouns that differ only by tone. A noun is a person, animal, place, thing, or idea.

Singular nouns (**H** = High, **L** = Low, **HL** = High-Low)

H	rel	<i>fox</i>	n	L	rel	<i>termite mound</i>	n
H	tík	<i>chin</i>	n	L	tík	<i>cloudy day</i>	n
H	wëër	<i>night</i>	n	L	wëër	<i>dung</i>	n
H	maar	<i>relative by blood</i>	n	HL	maar	<i>my mother</i>	n.pos

There are many nouns that differ from verbs only by tone. A verb is an action, movement, change, or state. Verbs sometimes have an object—a receiver of the action. Verbs that have an object are called transitive verbs (v.tr). Verbs that do not have an object are called intransitive verbs (v.in). Verb that do not have a different form when they have or do not have an object are just called verbs (v).

<u>transitive verb</u>	(1) Nuëër göör be dö/yë bak .	<i>Person wants to <u>cut open</u> a thing/him.</i>
<u>intransitive verb</u>	(2) Nuëër göör be bak .	<i>Person wants to <u>cut open</u>.</i>

The verbs below can take the place of **bak** ‘cut open’ in either (1) or (2) above.

Nouns and verbs ((**H** = High, **L** = Low, **dH** = downstepped High, which sounds like Mid)

H	bak	<i>crack</i>	n	L	bak	<i>cut open</i>	v
H	daap	<i>laziness</i>	n	L	daap	<i>bear, give birth to</i>	v.tr
H	gääi	<i>surprise</i>	n	dH	gääi	<i>surprise</i>	v.in
H	jïëët	<i>decoration</i>	n	dH	jïëët	<i>mark (ground)</i>	v.in
H	käi	<i>first born child</i>	n	dH	käi	<i>mentrate, be weak</i>	v.in
H	ŋääth	<i>hope</i>	n	dH	ŋääth	<i>hope</i>	v.in
H	teeŋ	<i>music, beating of drum</i>	n	dH	teeŋ	<i>play, knock</i>	v.in

H	weer	<i>blessing</i>	n	dH	weer	<i>bless, praise</i>	v.in
L	ceŋ	<i>strap</i>	n	H	ceŋ	<i>wear</i>	v
L	mut	<i>spear type</i>	n	H	mut	<i>pierce</i>	v
L	bul	<i>drum, dance</i>	n	H	bul	<i>roast s.m.</i>	v.tr
L	door	<i>peace</i>	n	H	door	<i>mediate, intercede for s.m.</i>	v.tr
L	gəl	<i>brye, corral, pen</i>	n	H	gəl	<i>renew s.m.</i>	v.tr
L	jak	<i>pelican bird</i>	n	H	jak	<i>feel s.m.</i>	v.tr
L	lök	<i>belly button</i>	n	H	lök	<i>reject, refuse s.m.</i>	v.tr
L	ləc	<i>heart</i>	n	H	ləc	<i>choose s.m.</i>	v.tr
L	mëëth	<i>friend, friendship</i>	n	H	mëëth	<i>greet s.m.</i>	v.tr
L	rek	<i>pen (of cows)</i>	n	H	rek	<i>join s.m.</i>	v.tr
L	ruək	<i>kidney</i>	n	H	ruək	<i>dress s.m.</i>	v.tr
L	teu	<i>life</i>	n	H	teu	<i>live</i>	v.in
L	theu	<i>menstrual period</i>	n	H	theu	<i>respect, avoid</i>	v.in
L	theem	<i>trying, testing</i>	n	H	theem	<i>try, test, measure</i>	v.in
L	bei	<i>pain</i>	n	H	bei	<i>have pain</i>	v.in
L	buööm	<i>strength, force</i>	n	H	buööm	<i>be strong</i>	v.in
L	dap	<i>birth, lazy person</i>	n	H	dap	<i>give birth</i>	v.in
L	löu	<i>rejected, refused person</i>	n	H	löu	<i>reject, refuse</i>	v.in
L	ləu	<i>bamboo</i>	n	H	ləu	<i>winnow, thrown in air</i>	v.in
L	ŋääth	<i>illness, disease</i>	n	dH	ŋääth	<i>hope</i>	v.in
L	jääl	<i>trip, journey</i>	n	dH	jääl	<i>walk</i>	v.in
L	guööör	<i>elephant</i>	n	dH	guööör	<i>follow</i>	v.in
L	ric	<i>beam, rafter</i>	n	dH	ric	<i>straighten, stretch s.m.</i>	v.tr
L	nooŋ	<i>wedding</i>	n	dH	nooŋ	<i>take, bring s.m.</i>	v.tr

There are two nouns that differ from numbers only by tone. A number tells how many of a noun there is.

Nouns and numbers

L	rou	<i>thirst</i>	n	H	rou	<i>two</i>	num
L	wëël	<i>herb, medicine, drub</i>	n	H	wëël	<i>ten</i>	num

There are four nouns that differ in singular and plural form only by tone.

Singular and plural nouns

	Singular		Plural		
L	wëth	<i>buttock</i>	H	wëth	<i>buttocks</i>
L	lëi	<i>animal</i>	H	lëi	<i>animals</i>
L	kuai	<i>seed, descendant</i>	H	kuai	<i>seeds, descendants</i>
H	cou	<i>husband, bridegroom</i>	L	cou	<i>husbands, bridegrooms</i>

There are a few pronouns that differ only by tone. A pronoun takes the place of a noun.

Subject pronoun | (3) Ayak juii nuëër *Lion is seeing person*

	ku juii <u>kɔ</u> nuëër.	<i>and we (not you) are seeing person.</i>
<u>Object pronoun</u>	(4) Ayak juii <u>kɔ</u> .	<i>Lion is seeing us (not you).</i>
<u>Prepositional pronoun</u>	(5) Ku room waŋ de ke <u>kɛ</u> .	<i>And his eyes meet with them.</i>
<u>Possessor pronoun</u>	(6) Ayak juii cieŋ <u>kɛ</u> .	<i>Lion is seeing his homes.</i>

The pronouns below can take the place of one of the underlined pronouns in (3-6) above.

Pronouns

H	kɔ	<i>we (not you) (subject)</i>	pron	L	kɔ	<i>us (not you) (object)</i>	pron
H	kɔn	<i>we (and you) (subject)</i>	pron	L	kɔn	<i>us (and you) (object)</i>	pron
H	ye	<i>you (pl) (subject)</i>	pron	L	ye	<i>you (pl) (object)</i>	pron
H	kɛ	<i>(with) them</i>	pron	L	kɛ	<i>his, her (plural noun)</i>	pron
H	yɛ	<i>(with) him, her</i>	pron	L	yɛ	<i>(s)he (subject)</i>	pron
H	yï	<i>(with) you (sg)</i>	pron	L	yï	<i>you (sg) (subject)</i>	pron

There are a few other words that differ only by tone.

Other words

H	kë	<i>my (plural noun)</i>	pron	L	kë	<i>to</i>	prep
L	bör	<i>white</i>	adj	H	bör	<i>singe, burn s.m.</i>	v.tr
H	thaar	<i>under, below</i>	prep	dH	thaar	<i>float</i>	v.in

There are also many transitive and intransitive verbs that differ only by tone.

<u>transitive verb</u>	(7) Nuëër göör be dö/ye <u>bak</u> .	<i>Person wants to cut open a thing/him.</i>
<u>intransitive verb</u>	(8) Nuëër göör be <u>bak</u> .	<i>Person wants to cut open.</i>

The verbs below can take the place of **bak** ‘cut open’ in either (7) or (8) above.

Transitive and intransitive verbs

H	bath	<i>loose s.m.</i>	v.tr	dH	bath	<i>loose</i>	v.in
H	baath	<i>push over s.m.</i>	v.tr	dH	baath	<i>push over</i>	v.in
H	cith	<i>spit s.m.</i>	v.tr	dH	cith	<i>spit</i>	v.in
H	cuuth	<i>impale s.m.</i>	v.tr	dH	cuuth	<i>impale</i>	v.in
H	dak	<i>make s.m. tired</i>	v.tr	dH	dak	<i>be tired</i>	v.in
H	döth	<i>uproot, wean s.m.</i>	v.tr	dH	döth	<i>uproot, wean</i>	v.in
H	dhool	<i>pass, cross s.m.</i>	v.tr	dH	dhool	<i>cut</i>	v.in
H	gɔp	<i>snatch, seize s.m.</i>	v.tr	dH	gɔp	<i>snatch, seize</i>	v.in
H	jaaŋ	<i>skin s.m.</i>	v.tr	dH	jaaŋ	<i>skin</i>	v.in
H	juɔɔc	<i>chase s.m.</i>	v.tr	dH	juɔɔc	<i>chase</i>	v.in
H	këër	<i>awaken s.m.</i>	v.tr	dH	këër	<i>be awake</i>	v.in
H	lak	<i>wash s.m.</i>	v.tr	dH	lak	<i>dream</i>	v.in
H	lam	<i>curse s.m.</i>	v.tr	dH	lam	<i>curse</i>	v.in
H	laac	<i>defecate s.m.</i>	v.tr	dH	laac	<i>defecate</i>	v.in
H	lääk	<i>feed s.m.</i>	v.tr	dH	lääk	<i>insult</i>	v.in

H	lääu	<i>feed</i>	v.in	dH	lääu	<i>ferment</i>	v.in
H	leec	<i>thank s.m.</i>	v.tr	dH	leec	<i>thank</i>	v.in
H	lëëth	<i>beg s.m.</i>	v.tr	dH	lëëth	<i>beg</i>	v.in
H	nep	<i>light, ignite s.m.</i>	v.tr	dH	nep	<i>light, ignite</i>	v.in
H	nep	<i>burn s.m.</i>	v.tr	dH	nep	<i>burn</i>	v.in
H	noop	<i>send s.m.</i>	v.tr	dH	noop	<i>send</i>	v.in
H	päär	<i>make s.m. like</i>	v.tr	dH	päär	<i>be like</i>	v.in
H	reet	<i>tear s.m.</i>	v.tr	dH	reet	<i>tear</i>	v.in
H	tet	<i>dig s.m.</i>	v.tr	dH	tet	<i>dig</i>	v.in
H	teenj	<i>play, knock on s.m.</i>	v.tr	dH	teenj	<i>play, knock</i>	v.in
H	teer	<i>argue, fight s.m.</i>	v.tr	dH	teer	<i>argue fight</i>	v.in
H	teet	<i>withdraw s.m.</i>	v.tr	dH	teet	<i>withdraw</i>	v.in
H	thöt	<i>pull s.m.</i>	v.tr	dH	thöt	<i>pull</i>	v.in
H	weer	<i>bless, praise s.m.</i>	v.tr	dH	weer	<i>bless, praise</i>	v.in
H	yaak	<i>plunder s.m.</i>	v.tr	dH	yaak	<i>plunder</i>	v.in
H	gum	<i>heap, pile s.m.</i>	v.tr	L	gum	<i>endure</i>	v.in
H	keeu	<i>make s.m. drunk</i>	v.tr	L	keeu	<i>be drunk</i>	v.in
H	cööl	<i>call, invite s.m.</i>	v.tr	L	cööl	<i>announce</i>	v.in
H	rëth	<i>arrive to, reach s.m.</i>	v.tr	L	rëth	<i>arrive, reach</i>	v.in
L	ṅak	<i>carry s.m. (in bag)</i>	v.tr	dH	ṅak	<i>carry</i>	v.in

Some verbs that show opposite direction only differ by tone. The verb **lööm** ‘bringing’ in (9) has Low tone, and the verb **lööm** ‘taking’ in (10) has High tone.

Towards	L	(9) Nuëër <u>lööm</u> gat. Person is <u>bringing</u> child.
Away	H	(10) Nuëër <u>lööm</u> gat. Person is <u>taking</u> child.

In writing, it is important to show the difference in meaning made by tone. So far, there has not been agreement on how to show the difference made by tone. Below are some of the ways that tone could be shown in writing. The Reel community should choose the best option. Options 1-3 have breathy marks above vowels (like ä). Options 4-6 have breathy marks below the vowels (like ṅ).

	Low	High	Breathy	Low	High	High	downst. -High	High	High-Low
Option 1	a	' a	ä	lëi	'lëi	'döth	'döth	'maar	'maar
Option 2	a	'a	ä	lëi	l'ëi	d'öth	dö'th	m'aar	m'aar
Option 3	a	a	ä	lëi	lëi	döth	döth	maar	maar
Option 4	à	á	ṅ	lèi	léi	dóth	dóth	máar	máar
Option 5	à	á	ṅ	lèi	lèi	dóth	dóth	máar	máar
Option 6	à	á	ṅ	lèi	lèi	dóth	dóth	máar	máar
				<i>animal</i>	<i>animals</i>	<i>uproot</i>	<i>uproot</i>	<i>blood</i>	<i>my</i>
						<i>s.m.</i>		<i>relative</i>	<i>mother</i>

Spelling Rules Reviewed

In this book, we have learned three spelling rules that help reading and writing. We now review these rules. There are examples after each rule. The page number is shown where the rule is further explained.

Spelling Rule 1a (page 13): At the end of words, write **p, th, t, c, k** instead of **b, dh, d, j, g**.

	Correct	Wrong	
p	lip	lib	<i>tongue</i>
th	wëth	wëdh	<i>buttock</i>
t	teet	teed	<i>hand</i>
c	baac	baaj	<i>calf (of leg)</i>
k	rook	roog	<i>molar tooth</i>

Spelling Rule 1b (page 14): When the suffix **-ë** is added to the end of words, write **p, th, t, c, k** instead of **b, dh, d, j, g**.

	Correct		Correct	Wrong	
p	dap	<i>lazy person</i>	dapë	dabë	<i>lazy persons</i>
th	mëëth	<i>friend</i>	mëëthë	mëëdhë	<i>friends</i>
t	rëët	<i>razor</i>	rëëtë	rëëdë	<i>razors</i>
c	riic	<i>rafter</i>	riicë	riijë	<i>rafters</i>
k	dhöök	<i>leopard skin</i>	dhöökë	dhöögë	<i>leopard skins</i>

	Correct		Correct	Wrong	
p	täp	<i>pot hole</i>	wään tēpë	wään tēbë	<i>place of pot hole</i>
th	puōth	<i>marriage</i>	wään puthë	wään pudhë	<i>place of marriage</i>
t	yiet	<i>finger</i>	wään yitë	wään yidë	<i>place of finger</i>
c	thieec	<i>request</i>	wään thiëecë	wään thiëejë	<i>place of request</i>
k	kaak	<i>field</i>	wään kaakë	wään kaagë	<i>place of field</i>

Spelling Rule 1c (page 15): **p, th, t, c, k** and **b, dh, d, j, g** can all be at the beginning of words and between vowels in other positions of words.

	Correct		Correct	
p, b	pan	<i>swamp area</i>	ban	<i>bedbug</i>
th, dh	thöl	<i>wall</i>	dhöök	<i>leopard skin</i>
t, d	tap	<i>tobacco</i>	dap	<i>lazy person</i>
c, j	cou	<i>husband</i>	jou	<i>chest</i>
k, g	kaak	<i>field, garden</i>	gaak	<i>jaw</i>

	Correct		Correct	
p, b	apaal	<i>knife</i>	abaar	<i>orphan</i>
th, dh	athak	<i>pot</i>	adhaar	<i>pot</i>

t, d	atak	<i>something twisted</i>	adaŋ	<i>gun, bow</i>
c, j	acaar	<i>fish</i>	ajaar	<i>basin</i>
k, g	akäl	<i>calf</i>	agäk	<i>game</i>

Spelling rule 2 (page 37): All vowels in the same syllable (beat) are breathy, or all vowels in the same syllable are non-breathy. Breathly and non-breathy vowels are never mixed in the same syllable. However, **u** is never breathy, and can be in the same syllable with breathy vowels or in the same syllable with non-breathy vowels.

Non-breathy		Breathy	
pai	<i>month, moon</i>	päär	<i>scar, cloud</i>
nhieer	<i>love</i>	riëëi	<i>rats (pl)</i>
nhiem	<i>charcoal</i>	thiëŋ	<i>antelope, gazelle</i>
riop	<i>claw, fingernail</i>	rïöp	<i>claws, fingernails (pl)</i>
thiöl	<i>fat</i>	tiö	<i>those (near hearer)</i>
dual	<i>veil</i>	kuäth	<i>bone marrow</i>
ruei	<i>saliva</i>	cuër	<i>thief</i>
kuel	<i>star</i>	tuëk	<i>harvest season</i>
cuii	<i>soup</i>	yuiir	<i>venom, posion of snake</i>
luok	<i>mouse</i>	böu	<i>herd (of cows)</i>
ruok	<i>kidney</i>	puöny	<i>body</i>

Spelling Rule 3a (page 29): At the end of words, write **u** and **i**, **ï** instead of **y** and **w**.

Correct	Wrong	
kau	kaw	<i>bride</i>
bei	bey	<i>pain</i>
dëi	dëy	<i>hammer</i>

Spelling Rule 1b (page 40): In-between vowels in two different syllables (beats), write **y** and **w** instead of **i** and **u**.

Correct	Wrong		Correct	Wrong	
cöu	cöw	<i>termite</i>	thuöu	thuöw	<i>end (of something)</i>
cöwë	cöuë	<i>termites</i>	wään thuwë	wään thuuë	<i>place of end</i>
yai	yay	<i>joy</i>	tei	tey	<i>stick</i>
yayë	yaië	<i>joys</i>	wään teyë	wään teië	<i>place of stick</i>
juëi	juëy	<i>fever</i>	käi	käy	<i>first born child</i>
juääyë	juääië	<i>fevers</i>	wään këyë	wään këië	<i>place of first born child</i>

Exercise 11

Carefully read and say each test word below. The **bold** letter in each test word may or may not be written correctly. Write the word correctly in the space given. The first one is done as an example.

Test Word	Write correctly	Test Word	Write correctly
dög <i>river</i>	<u>dök</u>	cuëny <i>liver</i>	_____
gaak <i>field, garden</i>	_____	keedh <i>cow urine</i>	_____
baaw <i>cracks (pl)</i>	_____	yooi <i>run</i>	_____
did <i>bird (general)</i>	_____	wään tobë <i>place of tobacco</i>	_____
riijë <i>rafters</i>	_____	wään bööië <i>place of fear</i>	_____
taayë <i>open places</i>	_____	riëy <i>canoe, boat</i>	_____
käi <i>first born</i>	_____	aduany <i>crippled person</i>	_____
agäg <i>game</i>	_____	ñüöl <i>crowd</i>	_____
yöw <i>monies (pl)</i>	_____	wään thuuë <i>place of end</i>	_____
lëi <i>animal</i>	_____	dapë <i>lazy persons</i>	_____
nïëü <i>co-wife</i>	_____	wään thiëëcë <i>place of request</i>	_____
bei <i>pain</i>	_____	acëcuëyë <i>whips</i>	_____

Reel Word List

Below, singular words (one) and plural words (more than one) are in alphabetical order. The tone is given for some words that have the same spelling. There are nouns (n), pronouns (pron), verbs (v) and other word categories listed by the abbreviations below.

Word category abbreviations

<i>adj</i> = adjective	describes a following noun
<i>adv</i> = adverb	describes a verb
<i>con</i> = connector	joins clauses, phrases or sentences
<i>dem</i> = demonstrative	points to or shows which noun is talked about
<i>n</i> = noun	a person, animal, place, thing, or idea
<i>n.sg</i> = singular noun	a singular noun that has no plural form
<i>n.pl</i> = plural noun	a plural noun that has no singular form
<i>num</i> = number	tells how many of a noun there are
<i>part</i> = particle	word or affix that has a special use
<i>prep</i> = preposition	introduces a noun phrase that describes a previous action
<i>pron</i> = pronoun	takes the place of a noun or noun phrase
<i>v</i> = verb	a verb that has the same form when it has or does not have an object
<i>v.in</i> = intransitive verb	a verb that does not have an object
<i>v.tr</i> = transitive verb	a verb that can have an object

<u>Singular</u>	<u>Tone</u>	<u>Plural</u>	<u>Tone</u>	
A a				
abaaŋ		abëëŋ	n	<i>space, spot</i>
abaar		abar	n	<i>orphan</i>
acak		acaau	n	<i>flea, tick</i>
acaar		acar	n	<i>fish</i>
acëcuüi		acëcuëyë	n	<i>whip</i>

adaŋ		adëëŋ	n	<i>weapon</i>
adëër			n	<i>behaviour</i>
adöl		adoolë	adj	<i>brown</i>
aduany		adueenyë	n	<i>crippled person</i>
adhaar		adhëër	n	<i>pot</i>
adhuur		adhur	n	<i>hammer for pounding stakes, made of wood or horn</i>
agäk		agök	n	<i>game</i>
agook			n	<i>monkey</i>
agurböök		agurböökë	n	<i>onion</i>
ajaar		ajar	n	<i>water basin made of wood</i>
ajaac		ajac	n	<i>bird glue for trapping, birdlime</i>
akaja		akajanë	n	<i>donkey</i>
akäl		akäälä	n	<i>calf</i>
alath		alaath	n	<i>cloth, thread</i>
alualuaal			adv	<i>dawn</i>
amëël		amël	n	<i>sheep</i>
anyaŋ		anyïëëŋ	n	<i>chisel tool</i>
anyinyi			n	<i>hyena</i>
aŋau			n	<i>cat</i>
aŋeth		aŋeeth	n	<i>broth</i>
apaal		apäl	n	<i>knife</i>
atak		ataau	n	<i>twisted thing (fish, leaves into mat)</i>
atäc		atöc	n	<i>spice (general), bird type</i>
ater		ateer	n	<i>conflict, hatred</i>
ateel			n	<i>leg</i>
atël		atäl	n	<i>bowl from calabash</i>
atëltöu		atäältöne	n	<i>ladle, cup</i>
athak		athëëu	n	<i>pot, back of head</i>
athëën			adv	<i>yesterday</i>
awaŋ		awaŋë	n	<i>tobacco</i>
ayak		ayaau	n	<i>lion</i>
ayääŋ		ayëŋ	n	<i>wrestling</i>
B b				
bak		baau	n	<i>crack</i>
bak			v	<i>cut open</i>
ban		banë	n	<i>bedbug</i>
bany			n	<i>wealth</i>
bapieny			adv	<i>morning</i>
bar		baar	n	<i>open water with no grass or trees, lake</i>
baac		bac	n	<i>calf (of leg)</i>
bëël		bel	n	<i>grain, sorghum, dura</i>
bëi	L	bec	n	<i>pain</i>
bëi	H		v.in	<i>have pain</i>
bia	L	bia	L n	<i>light</i>

bil			v.tr	<i>lick something</i>
bir			v.tr	<i>spear something</i>
biir			v.in	<i>spear</i>
biäth		biääth	n	<i>pumpkin</i>
book			v.tr	<i>offer something</i>
böl		bol	n	<i>flame</i>
böm		bom	n	<i>hump (of cow)</i>
böu		böwë	n	<i>herd</i>
bööi		boi	n	<i>fear</i>
böör		boorë	n	<i>full moon, 15 nights of bright moon</i>
bul	L	buöl	n	<i>drum, dance</i>
bul	H		v.tr	<i>roast something</i>
buoc		buoc	n	<i>abdomen, outer stomach</i>
buoc		boi	n	<i>coward</i>
buol		buölë	n	<i>hare, rabbit</i>
buöt		buötöt	n	<i>wound, sore</i>
buööm	L	bum	n	<i>strength, force</i>
buööm	H		v.in	<i>be strong</i>
bur		buör	n	<i>camp</i>
C c				
cak			n.pl	<i>milk</i>
cäny		cäänyë	n	<i>heel (of foot)</i>
ceŋ	L	cëŋ	n	<i>strap</i>
ceŋ	H		v	<i>wear</i>
ceer			n	<i>morning star</i>
cëk		mën	n	<i>wife</i>
cël		ciëël	n	<i>elbow</i>
cër		cer	n	<i>bright star, morning star</i>
cël		cäl	n	<i>fish type</i>
cëŋ		cääŋ	n	<i>sun, day</i>
cët		cit	n	<i>colour (general)</i>
cëth		ceth	n	<i>excrement, feces</i>
ciëen		cën	n	<i>last word of dying person</i>
ciëeth		ceth	n	<i>winnowing</i>
ciëel		ciel	n	<i>earwax</i>
ciëeŋ		cëŋ	n	<i>tradition, custom, way of life</i>
cil		ciel	n	<i>rhino</i>
ciil			v.tr	<i>slice something</i>
ciim			v.tr	<i>kiss someone</i>
ciir			v.tr	<i>discuss something</i>
ciëën		cin	n	<i>intestine</i>
ciëëŋ		ciëŋ	n	<i>home, land</i>
ciööu		cok	n	<i>footprint, track, sole, bottom of foot, leg</i>
ciim			v.in	<i>beat</i>
coth			n	<i>guinea worm</i>

cou	H	cou	L	n	<i>husband, bridegroom</i>
cöör				n	<i>blindness</i>
cöol	H			v.tr	<i>call, invite someone</i>
cöol	L			v.in	<i>announce</i>
cöör				v.tr	<i>make someone blind</i>
cöu		cöwë		n	<i>termite</i>
cuër		cuëër		n	<i>thief</i>
cuεc		cuic		n	<i>hoof</i>
cuii				n.pl	<i>soup</i>
cul		cuul		n	<i>penis</i>
cuou				n.pl	<i>urine</i>
cuöt		cut		n	<i>splinter, sliver</i>
cuööt		cut		n	<i>stump, remainder after tree is cut</i>

D d

dak				v.tr	<i>make someone tired</i>
daŋ		dooŋ		n	<i>elder, older person</i>
dap	L	dapë		n	<i>lazy person</i>
dap	L	dëp		n	<i>birth</i>
dap	H			v.in	<i>give birth</i>
dau		deei		n	<i>heifer, young female cow</i>
daan		danë		n	<i>palate, top of mouth</i>
daap	H			n.sg	<i>laziness</i>
daap	L			v.tr	<i>bear, give birth to</i>
del		dët		n	<i>goat</i>
dep		dëp		n	<i>trap</i>
dëbël		dëbeelë		n	<i>eagle, bird type</i>
dëi		deeth		n	<i>hammer</i>
dëkër		dëkerë		n	<i>hot season</i>
dënëme				pron	<i>their</i>
dëŋeer		dëŋeerë		n	<i>monkey</i>
dër				n	<i>centre, middle</i>
dërceŋ		dërceŋ		n	<i>village</i>
dial				adv	<i>all</i>
dir		dier		n	<i>cricket insect</i>
dit		diit		n	<i>bird (general), song</i>
dīäāth		dīēth		n	<i>rag, old cloth</i>
dīēër		dīērë		n	<i>hog, pig</i>
dīēët		dīīt		n	<i>elder, something big, important</i>
dīr		dīēr		n	<i>bump (in ground)</i>
dīīt				v.in	<i>be big (in size)</i>
doth		dothë		n	<i>virgin</i>
door	L	doorë		n	<i>peace</i>
door	H			v.tr	<i>mediate, intercede for</i>
dör		dor		n	<i>tribe</i>
döth				v.tr	<i>uproot, wean something</i>

döön				v.in	<i>dry</i>
door				v.in	<i>mediate, intercede</i>
dòm				v.tr	<i>catch something (in air)</i>
dòm				n	<i>defending</i>
dəŋ				v.in	<i>be old</i>
dət		dot		n	<i>vagina</i>
dóom				v.in	<i>catch (in air)</i>
dö		kök		n	<i>thing</i>
dök		däu		n	<i>river</i>
dual		dualë		n	<i>veil</i>
duar				n	<i>hunting</i>
duëeny	L	duëeny	L	n	<i>paralyzed person</i>
dul		duöl		n	<i>bundle</i>
duoŋ		duoŋ		n	<i>mortar, pounding pot</i>
duóol		dul		n	<i>folding (cloth)</i>
dut		duöt		n	<i>grass</i>
duur	L	duur	L	n	<i>eloping</i>

Dh dh

dhal				v.tr	<i>fail something</i>
dhiac		dhiei		n	<i>bruise</i>
dhiamdhiam		dhiamdhiamë		n	<i>spring</i>
dhiëëc				num	<i>five</i>
dhöök		dhöökë		n	<i>leopard skin</i>
dhööl				v.tr	<i>cut something</i>
dhəl		dhal		n	<i>boy</i>
dhòm				v.tr	<i>stalk something</i>
dhöl				v.tr	<i>violate, cross something</i>

G g

gak	L	gou		n	<i>peel, skin (of fruit)</i>
gak	L	gaau		n	<i>hard layer on old food</i>
gal		gəl		n	<i>newly cultivated ground</i>
gat		gaat		n	<i>child, son, baby</i>
gaak				n.pl	<i>jaw</i>
gäai	H	gai		n	<i>surprise</i>
gäai	dH			v.in	<i>surprise</i>
gääk	L	gääk	L	n	<i>wing</i>
gäär		gääre		n	<i>intentional scars on forehead</i>
gëm		gëem		n	<i>cheek</i>
gër		gëer		n	<i>back (of body or something)</i>
geer		ger		n	<i>fence</i>
geeth				n	<i>brightness</i>
gëei				v.tr	<i>surprise someone</i>
gëem		gëemë		n	<i>midwife</i>

gëëu			v.tr	<i>make someone late</i>
gok		gou	n	<i>quiver, bag of arrows</i>
gool			v.in	<i>be around</i>
goon		gön	n	<i>hospitality for guests</i>
gööl			v.tr	<i>surround something</i>
göör			v.tr	<i>want, desire something</i>
gəl	L	gal	n	<i>brye, corral, pen</i>
gəl	H		v.tr	<i>renew something</i>
gool			v.in	<i>be new</i>
gööl			v.tr	<i>boast, brag something</i>
guan		guanë	n	<i>swelling</i>
guäär		guäärë	n.pos	<i>my father</i>
guëc		guei	n	<i>giraffe</i>
guon		guon	n	<i>guinea fowl</i>
guöp		gup	n	<i>skin</i>
guöör	L	guër	n	<i>elephant</i>
guöör	dH		v.in	<i>follow</i>
guu		guööth	n	<i>bee</i>

Y y

yaar		yaarë	n	<i>plank of wood</i>
yäc		yëc	n	<i>load, burden</i>
yëm		yääm	n	<i>thigh</i>
yon		yön	n	<i>opening, hole</i>
yöt		yot	n	<i>hut, room</i>
yööi		yooth	n	<i>hip</i>
yoi			v.in	<i>buy</i>
yor		yar	n	<i>swamp area</i>
yoc			v.tr	<i>buy something</i>
yool			v.tr	<i>cough something</i>
yök			n	<i>peg, stake</i>
yöl		yääl	n	<i>arm</i>
yööl			v.in	<i>hit, strike</i>

İ i

iruum			adv	<i>tomorrow</i>
itiëep		itip	n	<i>shade, shadow</i>

J j

jak	L	jaau	n	<i>pelican, bird type</i>
jak	H		v.tr	<i>feel something</i>
jath		jen	n	<i>tree, firewood</i>
jäl		jääl	n	<i>guest, visitor</i>
Jän		Jään	n	<i>Dinka person</i>
jär		järë	n	<i>belch, burp</i>
jääl	L	jël	n	<i>trip, journey, movement</i>

jääl	dH		v.in	<i>walk</i>
jeth		jüith	n	<i>scorpion</i>
jëp		jep	n	<i>axe</i>
jic		jith	n	<i>stomach</i>
jiëer		jir	n	<i>shoulder blade</i>
jiit			v.tr	<i>mark something</i>
jic		jüth	n	<i>ear, leaf</i>
jiëët	H	jitë	n	<i>decoration</i>
jiëët	dH		v.in	<i>mark (ground)</i>
jou		jooth	n	<i>chest</i>
jook			v.in	<i>begin</i>
jök		jüou	n	<i>dog</i>
jök		jüök	n	<i>back (of something)</i>
jök		jöou	n	<i>god, magic</i>
jöök			v.tr	<i>begin something</i>
jöom		jömë	n	<i>wind</i>
jör		jär	n	<i>forest</i>
juëi		juääyë	n	<i>fever</i>
juëk		juäk	n	<i>cow udder, hernia</i>
juël		juäl	n	<i>tail</i>
K k				
kam	L	kam	L n	<i>middle of something</i>
kaŋ		kaaŋ	n	<i>alcohol</i>
kara		karanë	n	<i>ladder</i>
kath		këth	n	<i>waterhole, well</i>
kau		kaath	n	<i>bride</i>
kaak		kau	n	<i>field, garden</i>
kaar		kar	n	<i>background information before marriage</i>
käi	H	këi	n	<i>first born child</i>
käi	dH		v.in	<i>mentrate, be weak</i>
käk		käwë	n	<i>phlegm, throat mucus</i>
kär			n.pl	<i>branches</i>
kärääth		kärääth	n	<i>maize</i>
kääŋ		këŋ	n	<i>proverb</i>
kääu		käu	n	<i>pit, hole, cave</i>
ket			v.in	<i>swim</i>
keeth		keth	n	<i>cow urine</i>
keeu			v.in	<i>be drunk</i>
kei		këc	n	<i>vision</i>
këŋ			v.in	<i>groan (with pain)</i>
keth		keth	n	<i>bile, gall, rusting</i>
keu			v.in	<i>cackle (like chicken)</i>
këet		ketë	n	<i>walking stick</i>
kën			v.in	<i>give</i>
këny		käänyë	n	<i>debt</i>

kër		käärë		n	<i>fishing net</i>
këët		këëtë		n	<i>falcon, hawk</i>
kok		kööu		n	<i>bribe, payment</i>
kom		köm		n	<i>bark (of tree), shell (of groundnut)</i>
koot				v.in	<i>dry</i>
kök		kou		n	<i>hole in log, migration</i>
kör		köör		n	<i>fighting, arguing</i>
köt		kot		n	<i>shield</i>
kööt				v.tr	<i>dry something</i>
kək				v.tr	<i>pay something</i>
kəm		kööm		n	<i>stool, chair</i>
kəc				v.tr	<i>sew something</i>
kər				n	<i>forearm</i>
kör				v.tr	<i>spread something out</i>
kööm				v	<i>beat, thresh</i>
köör				v.in	<i>spread out</i>
kuac		kuai		n	<i>leopard</i>
kuai	L	kuai	H	n	<i>seed, descendant</i>
kuäth		kuëth		n	<i>bone marrow</i>
kuël		kueel		n	<i>amulet, charm, fetish</i>
kuëu		kuëeth		n	<i>cockroach</i>
kuëër		kuër		n	<i>paddle, oar</i>
kuel		kuel		n	<i>star</i>
kuëem				v.in	<i>break out</i>
kuën		kuan		n	<i>food</i>
kuluk		kuluöu		n	<i>upper arm</i>
kuŋgu		kuŋgunë		n	<i>parrot, bird type</i>
kuoth		kuuth		n	<i>rain</i>
L 1					
läk		lääu		n	<i>dream, prophecy</i>
läŋ	L	läŋ	L	n	<i>prayer</i>
lëi		lec		n	<i>tooth</i>
lëk		leu		n	<i>word, speaking</i>
lël		lel		n	<i>net for carrying container</i>
lëëth		lëth		n	<i>begging</i>
lëc		lääc		n	<i>semen</i>
lëi	L	lëi	H	n	<i>animal</i>
lëëu				v.tr	<i>ferment something</i>
liet		lit		n	<i>sand</i>
liŋ				v.tr	<i>hear something</i>
liŋ		liŋë		n	<i>pot hole, sloping ground</i>
lip		liëëp		n	<i>tongue</i>
liiŋ				v.in	<i>hear, listen</i>
liip				v.tr	<i>wait for something</i>
liä		liith		n	<i>death</i>

liöök		liöökë	n	<i>earthworm</i>
liim		liëëm	n	<i>messenger</i>
liinj			v.in	<i>sink</i>
loi			n	<i>choice</i>
lol		löölë	n	<i>valley</i>
löi		loi	n	<i>umbilical cord</i>
lök	L	lou	n	<i>belly button, navel</i>
lök	H		v.tr	<i>reject, refuse something</i>
löu	L	löu	n	<i>rejected, refused person</i>
löu	H		v.in	<i>reject, refuse</i>
lööm			v.tr	<i>borrow, take something</i>
löönj		lönjë	n	<i>tool of witchdoctor made from gourd</i>
löönj		lönjë	n	<i>rule</i>
lɔc	L	lööc	n	<i>heart</i>
lɔc	H		v.tr	<i>choose something</i>
lɔk			v.tr	<i>winnow something</i>
lɔr			v.in	<i>be empty</i>
lɔu	L	looth	n	<i>bamboo</i>
lɔu	H		v.in	<i>winnow, throw in air</i>
lɔi			v.in	<i>choose</i>
löönj			v.tr	<i>rest something</i>
lual		luaalë	n	<i>weaver bird</i>
luk		luöu	n	<i>court case</i>
luok		luowë	n	<i>mouse</i>
luöth		luuth	n	<i>fetus, blood clot</i>
luööi		lui	n	<i>work</i>
luöör		lur	n	<i>reception</i>
luööu		luk	n	<i>abscess, infection on skin</i>
luth		luuth	n	<i>mud fish</i>
luum		lumë	n	<i>gossiper, traitor</i>

M m

mac		mëi	n	<i>fire, family</i>
maar	H	mar	n	<i>relative by blood</i>
maar	HL	maarë	n.pos	<i>my mother</i>
mät		mët	n	<i>agreement, meeting</i>
mäth		mëth	n	<i>drink</i>
määl		mël	n	<i>wealth</i>
mekec		mekeeyë	adj	<i>yellow</i>
mer		mëer	n	<i>tear (of eye)</i>
mël		mel	n	<i>oath, promise</i>
meek			n	<i>kindness</i>
mëi		mäyë	n	<i>dry season, winter</i>
mëi			n.pl	<i>labor pains</i>
mëëth	L	mëëthë	n	<i>friend, friendship</i>
mëëth	H		v.tr	<i>greet someone</i>

miæth		miith	n	<i>root</i>
min			v.tr	<i>wink something</i>
mïëth		mïith	n	<i>food (general), crop, resource</i>
mök		mou	n	<i>buffalo</i>
mun		muön	n	<i>dirt, soil</i>
muɔɔŋ		muɔŋë	n	<i>conversation</i>
muök		mïäu	n	<i>mole, small animal</i>
muöl		mïääl	n	<i>knee</i>
mut	L	muöt	n	<i>spear type</i>
mut	H		v	<i>pierce</i>
muuth		muöth	n	<i>darkness</i>

N n

näu			n.pl	<i>sour milk</i>
nep			v.tr	<i>light, ignite something</i>
neer		nër	n	<i>wrapping</i>
nep			v.tr	<i>burn something</i>
nëk			v.tr	<i>kill, murder someone</i>
nëër		nëërë	n	<i>maternal uncle</i>
niin			v.tr	<i>sleep something</i>
nïëën		nïin	n	<i>day</i>
nop		noop	n	<i>message</i>
nooŋ	L	nöŋ	n	<i>wedding</i>
nooŋ	dH		v.tr	<i>bring something</i>
noop			v.tr	<i>send something</i>
nök		noou	n	<i>feather</i>
nɔŋ			v.tr	<i>take away something</i>
nɔɔŋ			v.in	<i>take away</i>
nuëër		nei	n	<i>person</i>

Nh nh

nhiam		nhïëëm	n	<i>front (of something)</i>
nhian		nhiaan	n	<i>testicle</i>
nhiaal			n.sg	<i>sky, top (of something)</i>
nhiaal		nhialë	n	<i>god</i>
nhieer		nhïër	n	<i>love</i>
nhiem		nhiiim	n	<i>charcoal</i>
nhïër		nhieer	n	<i>turtle</i>
nhïëm		nhïëëm	n	<i>fur, hair</i>

Ny ny

nyal		nyër	n	<i>girl</i>
nyan		nyanë	n	<i>caterpillar</i>
nyaŋ		nyïëënŋ	n	<i>crocodile</i>
nyemiri		nyemirinë	n	<i>bean</i>
nyet		nyët	n	<i>rib</i>

nyith		nyiethë	n	<i>brain</i>
nyïëu		nyïëkë	n	<i>co-wife</i>
nyïëël		nyäl	n	<i>python</i>
nyuöm		nyuööm	n	<i>sesme paste</i>
nyuööth		nyuth	n	<i>point (of something)</i>

Ŋ ŋ

ŋak		ŋaau	n	<i>pus</i>
ŋär		ŋäär	n	<i>bean</i>
ŋät		ŋët	n	<i>oil</i>
ŋääth	L		n	<i>illness</i>
ŋääth	H	ŋëth	n	<i>hope</i>
ŋääth	dH		v.in	<i>hope</i>
ŋöŋ			v.in	<i>be poor</i>
ŋöp		ŋäp	n	<i>fig</i>
ŋööŋ			v.tr	<i>oppress someone</i>
ŋuëk		ŋuäk	n	<i>neck</i>
ŋuöl		ŋul	n	<i>crowd</i>
ŋuöör		ŋur	n	<i>ankle</i>

P p

pai		pëëth	n	<i>moon, month</i>
palata		palatanë	n	<i>fish hook, line</i>
pan		pën	n	<i>swamp area</i>
pap			n	<i>open land</i>
pen		pen	n	<i>town</i>
peweer		pewer	n	<i>famine</i>
peen			v.in	<i>fall</i>
pëm		pëëm	n	<i>rock, mountain</i>
pieth		pïth	n	<i>growth, growing</i>
piny		pienyë	n	<i>ground, land</i>
pī		pīë	n	<i>water</i>
pīäl		pīääl	n	<i>insult</i>
pīär		pīäärë	n	<i>cloud, scar</i>
pīik			v.tr	<i>push something</i>
pör		poorë	n	<i>road, path</i>
pul		puul	n	<i>pool</i>
puöny		pīëny	n	<i>body</i>
puöth		puth	n	<i>marriage, dowry</i>
puöü		puöüwë	n	<i>bellow, air pump for fire</i>

R r

rääl		rël	n	<i>muscle, blood vessel</i>
rek	L	reu	n	<i>pen (of cows)</i>
rek	H		v.tr	<i>join something</i>
rel	H	rëelë	n	<i>fox</i>

rel	L	rēt	n	<i>termite mound</i>
rēēt		rēētē	n	<i>razor</i>
rēēnh			con	<i>until</i>
rieem		rim	n	<i>blood</i>
rin		rin	n	<i>name</i>
riŋ			v.in	<i>run</i>
riop		rīöp	n	<i>claw, fingernail</i>
rit		riet	n	<i>ebony tree</i>
riiŋ			v.tr	<i>run something</i>
ric	L	rice	n	<i>rafter, beam</i>
ric	dH		v.tr	<i>straighten, stretch something</i>
riēc		rīēēi	n	<i>rat</i>
rīēi		rīäāth	n	<i>canoe, boat</i>
rīiŋ		rīŋ	n	<i>meat</i>
rou	L		n	<i>thirst</i>
rou	H		num	<i>two</i>
rook		röök	n	<i>molar tooth</i>
root			v.in	<i>cry</i>
roou			n	<i>sadness, dissapointment</i>
röl		rööl	n	<i>voice</i>
rōu		rööth	n	<i>hippo</i>
rōth		rāth	n	<i>armpit</i>
ruai		ruac	n	<i>speech, discourse</i>
rual		rualē	n	<i>herd, group (rats, buffalos)</i>
ruath		ruēēth	n	<i>steer, young male cow</i>
ruaal		rualē	n	<i>incest</i>
ruä		ruēth	n	<i>in-law, brother-in-law</i>
ruei		ruei	n	<i>saliva</i>
rueet		ruēt	n	<i>pregnancy</i>
ruēth		ruāth	n	<i>chief, lord</i>
rum		rumē	n	<i>club, stick</i>
ruok	L	ruou	n	<i>kidney</i>
ruok	H		v.tr	<i>dress someone</i>
ruōi		ru	n	<i>maggot, worm in rotting meat</i>
ruōön		ruun	n	<i>year</i>
ruu		ruōu	n	<i>knot, tying</i>
T t				
tap		taap	n	<i>tobacco</i>
taai		taayē	n	<i>open place, clearing</i>
tāp		tēp	n	<i>pot hole, ground sloping down</i>
tāth			n	<i>mould, forge, makes blacksmith tools</i>
teu	L	tēk	n	<i>life</i>
teu	H		v.in	<i>live</i>
teenŋ	H	tēŋ	n	<i>music, beating of drum</i>
teenŋ	dH		v.in	<i>play, knock</i>

teer		tër	n	<i>playing</i>
teet		tëët	n	<i>hand</i>
tëër		tërë	n	<i>chicken</i>
tei		tei	n	<i>stick</i>
tiar		tiaar	n	<i>flour, asida dough</i>
tiel		tiil	n	<i>iron, ring</i>
tiær		tiër	n	<i>clitoris</i>
tik		tiæk	n	<i>bead</i>
tiij			v.tr	<i>hit something</i>
tiit			v.tr	<i>understand something</i>
tíc		tïéc	n	<i>feast</i>
tïët		tït	n	<i>magician, traditional religion</i>
tík	H	tïëwë	n	<i>chin</i>
tík	L	tïëu	n	<i>cloudy day</i>
tïö			dem	<i>those (near hearer)</i>
tïic			v.in	<i>be tight</i>
tïit		tïitë	n	<i>mahogany tree</i>
tök		töwë	n	<i>laugh</i>
tömpiny		tömpieeny	n	<i>groundnut</i>
töw			v.in	<i>jump</i>
töw			v.tr	<i>advise someone</i>
tuaany		tuany	n	<i>sickness</i>
tuej		tuej	n	<i>knot, dark spot in wood</i>
tuæk		tuäk	n	<i>harvest seaon</i>
tuŋ		tuöŋ	n	<i>branch (of tree), horn (of animal)</i>
tuol		tuol	n	<i>smoke</i>
tuow		tuow	n	<i>egg</i>
tuor		tuorë	n	<i>flower</i>
tuööl		tul	n	<i>initiation (of girl)</i>
tuööu		tuk	n	<i>playing (of child)</i>
tur		tuör	n	<i>dust</i>
tut		tut	n	<i>male</i>
tuut		tuutë	n	<i>bull, male cow not castrated</i>
Th th				
thal		thol	n	<i>early or late sun</i>
thar			n	<i>waist</i>
thääŋ		thän	n	<i>side of body, other side</i>
theu	L	thëk	n	<i>menstrual period</i>
theu	H		v.in	<i>respect, avoid</i>
theem	L	them	n	<i>trying, testing</i>
theem	H		v.in	<i>try, test, measure</i>
thëc		thäc	n	<i>dew</i>
thëk		thëëu	n	<i>bull with twisted horns</i>
thieec		thiëc	n	<i>request</i>
thieei		thiëc	n	<i>stick, club of ebony</i>

thiɔl		thiööł		n	<i>fat</i>
thiäk		thiääu		n	<i>neighbour</i>
thiëŋ		thiëëŋ		n	<i>gazelle, antelope</i>
thiin		thin		n	<i>breast</i>
thot		thöt		n	<i>wooden peg</i>
thöl		thol		n	<i>wall</i>
thöl		thööl		n	<i>snake</i>
thuny		thuöönyë		n	<i>nasal mucus</i>
thuok		thuuk		n	<i>mouth, language, message</i>
thuoom		thuoomë		n	<i>harp instrument</i>
thuöu		thuk		n	<i>end (of something)</i>
thuööm		thum		n	<i>ghost, spirit</i>
thuööny		thuny		n	<i>wood, tree trunk</i>

W w

wac		wacë		n	<i>paternal aunt</i>
wai		waath		n	<i>vulture</i>
waŋ		nyin		n	<i>eye, face, stream</i>
wat	L	wat	L	n	<i>blood relative</i>
wään		wän		n	<i>place, way, method</i>
weer	H	wër		n	<i>blessing</i>
weer	dH			v.in	<i>bless, praise</i>
weer	H			v.tr	<i>bless someone</i>
wëi		wuc		n	<i>cattle camp, clan name</i>
wënë				adv	<i>here</i>
wët		wät		n	<i>belief</i>
wëth	L	wëth	H	n	<i>buttock</i>
wëël	L	wal		n	<i>herb, medicine, drug</i>
wëël	H			num	<i>ten</i>
wëër	H	wäärë		n	<i>night</i>
wëër	L	wër		n	<i>dung</i>
wum		wuum		n	<i>nose</i>
wut		wuöt		n	<i>ostrich</i>

Y y

yai		yayë		n	<i>joy, rejoicing</i>
yak		yau		n	<i>famine, drought, dry period</i>
yaŋ		yök		n	<i>cow</i>
yath		yathë		n	<i>charm (for magic)</i>
yäkyäk		yäkyäkë		n	<i>lung</i>
yeeth		yöu		n	<i>money</i>
yër		yieer		n	<i>river, lake</i>
yieei		yëi		n	<i>breath, spirit</i>
yiet		yit		n	<i>finger, toe</i>
yïëi				n.pl	<i>soul, spirit, life</i>
yïël		yäl		n	<i>forest</i>

yïëu	yik	n	<i>spell, curse</i>
yïëër	yir	n	<i>paint</i>
yooi		v.in	<i>run</i>
yuaal	yuaalë	n	<i>wisker (of cat, dog)</i>
yuic	yoth	n	<i>head</i>
yuïir	yuër	n	<i>venom, poison of snake</i>

Glossary

The meanings of special English words are given below with examples in Reel.

Word	Example	Definition
syllable	pa la ta in palata ‘fish hook, line’	The parts of a word that can be divided according to beats.
consonant	p w r in peweer ‘famine’	Letter sounds that begin or end syllables; a consonant cannot be a syllable by itself.
vowel	e ee in peweer ‘famine’	Letter sounds in the middle and sometimes end of a syllable; a vowel can be a syllable by itself.
breathy vowel	ëë in këët ‘falcon, hawk’	Vowels pronounced with more air.
non-breathy vowel	ee in keet ‘walking stick’	Vowels without extra air.
long vowel	aa in gaak ‘jaw’	Vowels that take longer to pronounce.
short vowel	a in gak ‘peel, skin’	Vowels that are pronounced quickly.
tone	the difference in sound between wëër ‘night’ and wëër ‘dung’	How high or low the sound of the syllable is, or how the sound rises or falls.
noun	rel ‘fox’	A person, animal, place, thing, or idea.
singular noun	dap ‘lazy person’	Only one of a noun.
plural noun	dapë ‘lazy persons’	More than one of a noun.
verb	bak ‘cut open’	Is an action, motion, state, change, or can be used as an equal sign between words.
transitive verb	bak ‘cut open’ in Nuëër göör be dö bak. ‘Person wants to <u>cut open</u> a thing.’	A verb that have an object that receives the action.
intransitive verb	bak ‘cut open’ in Nuëër göör be bak. ‘Person wants to <u>cut open</u> .’	A verb that does not have an object.
number	rou ‘two’	Tells how many of a noun there is.
pronoun	kə ‘we (not you)’	Takes the place of a noun.

Answers to Exercises

Answers to the exercises of this book are given below.

Exercise 1

a <u>ayak</u>	y <u>yöt</u>	o <u>gok</u>
ä <u>gääk</u>	i <u>dit</u>	ö <u>pör</u>
b <u>buol</u>	ĩ <u>jiċ</u>	ɔ <u>loc</u>
c <u>cil</u>	j <u>jök</u>	ö <u>dök</u>
d <u>del</u>	k <u>köm</u>	p <u>pai</u>
dh <u>dhəl</u>	l <u>luok</u>	r <u>rel</u>
e <u>yeeth</u>	m <u>mök</u>	t <u>täär</u>
ë <u>bөөl</u>	n <u>nök</u>	th <u>thiēŋ</u>
ε <u>keet</u>	nh <u>nhier</u>	u <u>guu</u>
ë <u>kөөt</u>	ny <u>nyan</u>	w <u>wut</u>
g <u>gat</u>	ŋ <u>nat</u>	y <u>yan</u>

Exercise 2

number of syllables	divided into syllables			
<u>2</u> balthuur	<u>bal</u>	<u>thuur</u>		<i>monitor lizard</i>
<u>3</u> muorkaba	<u>muor</u>	<u>ka</u>	<u>ba</u>	<i>bag</i>
<u>2</u> bedäk	<u>bε</u>	<u>däk</u>		<i>eight</i>
<u>1</u> mök	<u>mök</u>			<i>buffalo</i>
<u>2</u> raaljioou	<u>raal</u>	<u>jioou</u>		<i>rainbow</i>
<u>2</u> cöwë	<u>cö</u>	<u>wë</u>		<i>termites (pl)</i>
<u>1</u> miëeth	<u>miëeth</u>			<i>food, crop, resource</i>
<u>3</u> Alaathbuor	<u>A</u>	<u>laath</u>	<u>buor</u>	<i>July</i>
<u>1</u> thuok	<u>thuok</u>			<i>mouth, language</i>
<u>3</u> amëmiëër	<u>a</u>	<u>më</u>	<u>miëër</u>	<i>dusk, twilight</i>
<u>2</u> guänjäär	<u>guän</u>	<u>jäär</u>		<i>bush dweller</i>
<u>1</u> gääk	<u>gääk</u>			<i>wing</i>
<u>2</u> nööŋööŋ	<u>nöö</u>	<u>ŋööŋ</u>		<i>poorly</i>
<u>2</u> näädö	<u>nää</u>	<u>dö</u>		<i>perhaps</i>
<u>1</u> ciëēŋ	<u>ciëēŋ</u>			<i>home, land</i>
<u>2</u> pälnęc	<u>päl</u>	<u>nęc</u>		<i>initiation (for boy)</i>
<u>3</u> dëkerë	<u>dë</u>	<u>ke</u>	<u>rë</u>	<i>hot season (pl)</i>
<u>2</u> acaar	<u>a</u>	<u>caar</u>		<i>fish</i>

Exercise 3

(g) ë (m)

cheek

(m) u ɔ (r) (k) a (b) a	bag
(p) ä (l) (ŋ) ë (c)	initiation (of boy)
a (d) u a (ny)	cripple person
(nh) i a (n)	testicle
(y) i ε (t)	finger, toe
a (b) aa (r)	orphan
(w) ë (th)	buttock
(y) ɔ (r)	swamp area
(dh) ɔ (l)	boy
(j) ë (p)	axe

Exercise 4

Test Word	Write correctly	Test Word	Write correctly
teem <i>trying, testing</i>	<u>theem</u>	tuoom <i>harp instrument</i>	<u>thuoom</u>
tiar <i>flour</i>	<u>tiar</u>	thei <i>stick</i>	<u>tei</u>
thuen <i>dark spot in wood</i>	<u>tuen</u>	thot <i>wooden peg</i>	<u>thot</u>
athëen <i>yesterday</i>	<u>athëen</u>	atak <i>back of head</i>	<u>athak</u>
ather <i>conflict, hatred</i>	<u>ater</u>	itiëep <i>shade, shadow</i>	<u>itiëep</u>
jïëeth <i>mark (on ground)</i>	<u>jïëet</u>	wut <i>ostrich</i>	<u>wut</u>
ruët <i>chief</i>	<u>ruëth</u>	bïäät <i>pumpkin</i>	<u>bïääth</u>
köth <i>shield</i>	<u>köt</u>	nyuööth <i>point (of something)</i>	<u>nyuööth</u>

Exercise 5

Test Word	Write correctly	Test Word	Write correctly
dhiaal <i>all</i>	<u>diaal</u>	adiɔɔŋu <i>what</i>	<u>adiɔɔŋu</u>
dïëëc <i>five</i>	<u>dhiëëc</u>	dhel <i>goat</i>	<u>del</u>
dör <i>tribe</i>	<u>dör</u>	bedhëk <i>eight</i>	<u>bedëk</u>
aduur <i>hammer</i>	<u>adhuur</u>	dhal <i>fail something</i>	<u>dhal</u>

Exercise 6

Test Word	Write correctly	Test Word	Write correctly
nob <i>message</i>	<u>nop</u>	keeth <i>cow urine</i>	<u>keeth</u>
dodhë <i>virgins</i>	<u>dothë</u>	wään budë <i>place of wound</i>	<u>wään butë</u>
dhəl <i>boy</i>	<u>dhəl</u>	cath <i>tree, firewood</i>	<u>jath</u>
gad <i>child</i>	<u>gat</u>	yuij <i>head</i>	<u>yüic</u>
wajë <i>aunts</i>	<u>wacë</u>	aduanj <i>crippled person</i>	<u>aduanj</u>
akäk <i>game</i>	<u>agäk</u>	dhöögë <i>leopard skins</i>	<u>dhöökë</u>
tök <i>river</i>	<u>dök</u>	wään tɔpë <i>place of tobacco</i>	<u>wään tɔpë</u>

Exercise 7

		Test Word				Write correctly
daŋ	<i>elder</i>	măc	<i>family</i>	ŋät	<i>oil</i>	<u>mac</u>
daŋ	<i>elder</i>	măth	<i>drink</i>	ŋät	<i>oil</i>	<u>măth</u>
daŋ	<i>elder</i>	kar	<i>branches</i>	ŋät	<i>oil</i>	<u>kär</u>
daŋ	<i>elder</i>	jal	<i>guest, visitor</i>	ŋät	<i>oil</i>	<u>jäl</u>
kaak	<i>field</i>	kaaŋ	<i>proverb</i>	ŋäath	<i>illness</i>	<u>kääŋ</u>
kaak	<i>field</i>	bäac	<i>calf (of leg)</i>	ŋäath	<i>illness</i>	<u>baac</u>
kaak	<i>field</i>	määl	<i>wealth</i>	ŋäath	<i>illness</i>	<u>määl</u>
jeth	<i>scorpion</i>	cēŋ	<i>strap</i>	jēp	<i>axe</i>	<u>ceŋ</u>
jeth	<i>scorpion</i>	cēk	<i>wife</i>	jēp	<i>axe</i>	<u>cēk</u>
jeth	<i>scorpion</i>	rel	<i>termite mound</i>	jēp	<i>axe</i>	<u>rel</u>
jeth	<i>scorpion</i>	gem	<i>cheek</i>	jēp	<i>axe</i>	<u>gēm</u>
yeeth	<i>money</i>	reet	<i>razor</i>	tēer	<i>chicken</i>	<u>rēet</u>
yeeth	<i>money</i>	bēel	<i>sorghum, dura</i>	tēer	<i>chicken</i>	<u>bēel</u>
yeeth	<i>money</i>	kēeth	<i>cow urine</i>	tēer	<i>chicken</i>	<u>keeth</u>
keth	<i>rusting</i>	kēny	<i>debt</i>	yēm	<i>thigh</i>	<u>kēny</u>
keth	<i>rusting</i>	kēŋ	<i>groan (with pain)</i>	yēm	<i>thigh</i>	<u>keŋ</u>
keth	<i>rusting</i>	thec	<i>dew</i>	yēm	<i>thigh</i>	<u>thēc</u>
geer	<i>fence</i>	theem	<i>trying, testing</i>	mēeth	<i>friend</i>	<u>theem</u>
geer	<i>fence</i>	wēer	<i>dung</i>	mēeth	<i>friend</i>	<u>wēer</u>
jeth	<i>scorpion</i>	ket	<i>swim</i>	keth	<i>rusting</i>	<u>ket</u>
jeth	<i>scorpion</i>	rel	<i>fox</i>	keth	<i>rusting</i>	<u>rel</u>
jeth	<i>scorpion</i>	nep	<i>burn something</i>	keth	<i>rusting</i>	<u>nep</u>
jeth	<i>scorpion</i>	pen	<i>towns (pl)</i>	keth	<i>rusting</i>	<u>pen</u>
yeeth	<i>money</i>	keet	<i>walking stick</i>	geer	<i>fence</i>	<u>keet</u>
yeeth	<i>money</i>	teet	<i>hand</i>	geer	<i>fence</i>	<u>teet</u>
yeeth	<i>money</i>	ceer	<i>morning star</i>	geer	<i>fence</i>	<u>ceer</u>
jēp	<i>axe</i>	yēr	<i>river, lake</i>	yēm	<i>thigh</i>	<u>yēr</u>
jēp	<i>axe</i>	lēc	<i>semen</i>	yēm	<i>thigh</i>	<u>lēc</u>
jēp	<i>axe</i>	cēl	<i>elbow</i>	yēm	<i>thigh</i>	<u>cēl</u>
tēer	<i>chicken</i>	gēem	<i>midwife</i>	mēeth	<i>friend</i>	<u>gēem</u>
tēer	<i>chicken</i>	wēer	<i>night</i>	mēeth	<i>friend</i>	<u>wēer</u>
tēer	<i>chicken</i>	mēek	<i>kindness</i>	mēeth	<i>friend</i>	<u>mēek</u>
lip	<i>tongue</i>	tic	<i>feast</i>	jic	<i>ear</i>	<u>tic</u>
lip	<i>tongue</i>	rit	<i>ebony tree</i>	jic	<i>ear</i>	<u>rit</u>
lip	<i>tongue</i>	tik	<i>chin</i>	jic	<i>ear</i>	<u>tik</u>
lip	<i>tongue</i>	jic	<i>stomach</i>	jic	<i>ear</i>	<u>jic</u>
diit	<i>birds</i>	thiin	<i>breast</i>	riin	<i>meat</i>	<u>thiin</u>
diit	<i>birds</i>	tiil	<i>rings, irons (pl)</i>	riin	<i>meat</i>	<u>tiil</u>
diit	<i>birds</i>	tiit	<i>mahogany tree</i>	riin	<i>meat</i>	<u>tiit</u>
doth	<i>virgin</i>	lol	<i>valley</i>	jök	<i>dog</i>	<u>lol</u>
doth	<i>virgin</i>	por	<i>road, path</i>	jök	<i>dog</i>	<u>pör</u>

doth	<i>virgin</i>	bol	<i>flame</i>	jök	<i>dog</i>	<u>böl</u>
noon	<i>wedding</i>	coor	<i>blindness</i>	dhöök	<i>skin</i>	<u>cöör</u>
noon	<i>wedding</i>	röök	<i>molar tooth</i>	dhöök	<i>skin</i>	<u>rook</u>
γor	<i>swamp</i>	jör	<i>forest</i>	ņöp	<i>fig</i>	<u>jör</u>
γor	<i>swamp</i>	köm	<i>stool, chair</i>	ņöp	<i>fig</i>	<u>köm</u>
γor	<i>swamp</i>	γol	<i>arm</i>	ņöp	<i>fig</i>	<u>γöl</u>
γor	<i>swamp</i>	jök	<i>magic, god</i>	ņöp	<i>fig</i>	<u>jök</u>
köör	<i>forearm</i>	ņoņ	<i>oppress someone</i>	thööl	<i>snakes</i>	<u>ņöön</u>
köör	<i>forearm</i>	jööm	<i>wind</i>	thööl	<i>snakes</i>	<u>jööm</u>
köör	<i>forearm</i>	köör	<i>forearm</i>	thööl	<i>snakes</i>	<u>köör</u>
doth	<i>virgin</i>	thot	<i>wooden peg</i>	γor	<i>swamp</i>	<u>thot</u>
doth	<i>virgin</i>	nok	<i>feather</i>	γor	<i>swamp</i>	<u>nök</u>
doth	<i>virgin</i>	nöp	<i>message</i>	γor	<i>swamp</i>	<u>nöp</u>
doth	<i>virgin</i>	dhöl	<i>boy</i>	γor	<i>swamp</i>	<u>dhöl</u>
noon	<i>wedding</i>	göoņ	<i>hospitality</i>	köör	<i>forearm</i>	<u>gooņ</u>
noon	<i>wedding</i>	γöoc	<i>buy something</i>	köör	<i>forearm</i>	<u>γöoc</u>
noon	<i>wedding</i>	door	<i>peace</i>	köör	<i>forearm</i>	<u>door</u>
jök	<i>dog</i>	dör	<i>tribe</i>	ņöp	<i>fig</i>	<u>dör</u>
jök	<i>dog</i>	röth	<i>armpit</i>	ņöp	<i>fig</i>	<u>röth</u>
jök	<i>dog</i>	röl	<i>voice</i>	ņöp	<i>fig</i>	<u>röl</u>
dhöök	<i>skin</i>	lööm	<i>borrow, take s.m.</i>	thööl	<i>snakes</i>	<u>lööm</u>
dhöök	<i>skin</i>	kööm	<i>beat, thresh s.m.</i>	thööl	<i>snakes</i>	<u>kööm</u>
dut	<i>grass</i>	guk	<i>quiver, bag</i>	doth	<i>virgin</i>	<u>gök</u>
dut	<i>grass</i>	dol	<i>bundle</i>	doth	<i>virgin</i>	<u>dul</u>
muuth	<i>darkness</i>	tuut	<i>bull</i>	noon	<i>wedding</i>	<u>tuut</u>

Exercise 8

	Test Word		Write correctly			
daņ	<i>elder</i>	γar	<i>plank of wood</i>	kaak	<i>field</i>	<u>mac</u>
daņ	<i>elder</i>	nyal	<i>girl, daughter</i>	kaak	<i>field</i>	<u>nyal</u>
daņ	<i>elder</i>	ņaaak	<i>pus</i>	kaak	<i>field</i>	<u>ņak</u>
ņät	<i>oil</i>	määth	<i>drink</i>	ņääth	<i>illness</i>	<u>mäth</u>
ņät	<i>oil</i>	räl	<i>muscle</i>	ņääth	<i>illness</i>	<u>rääl</u>
ņät	<i>oil</i>	ņär	<i>bean</i>	ņääth	<i>illness</i>	<u>ņär</u>
ņät	<i>oil</i>	gäk	<i>wing</i>	ņääth	<i>illness</i>	<u>gääk</u>
jeth	<i>scorpion</i>	reel	<i>fox</i>	yeeth	<i>money</i>	<u>rel</u>
jeth	<i>scorpion</i>	teen	<i>music, beating</i>	yeeth	<i>money</i>	<u>teen</u>
jeth	<i>scorpion</i>	ceer	<i>morning star</i>	yeeth	<i>money</i>	<u>ceer</u>
jöp	<i>axe</i>	lök	<i>word, speaking</i>	töör	<i>chicken</i>	<u>lök</u>
jöp	<i>axe</i>	röt	<i>razor</i>	töör	<i>chicken</i>	<u>rööt</u>
keth	<i>rusting</i>	peen	<i>fall</i>	geer	<i>fence</i>	<u>peen</u>
keth	<i>rusting</i>	theem	<i>trying, testing</i>	geer	<i>fence</i>	<u>theem</u>
keth	<i>rusting</i>	peen	<i>towns (pl)</i>	geer	<i>fence</i>	<u>pen</u>
keth	<i>rusting</i>	nep	<i>burn something</i>	geer	<i>fence</i>	<u>nep</u>

yēm	<i>thigh</i>	cēl	<i>fish type</i>	mēēth	<i>friend</i>	cēl
yēm	<i>thigh</i>	gēm	<i>midwife</i>	mēēth	<i>friend</i>	<u>gēēm</u>
yēm	<i>thigh</i>	cēēŋ	<i>day</i>	mēēth	<i>friend</i>	<u>cēŋ</u>
lip	<i>tongue</i>	liiŋ	<i>hear something</i>	diit	<i>birds</i>	<u>liŋ</u>
lip	<i>tongue</i>	ciir	<i>discuss something</i>	diit	<i>birds</i>	<u>ciir</u>
lip	<i>tongue</i>	cil	<i>slice something</i>	diit	<i>birds</i>	<u>ciil</u>
lip	<i>tongue</i>	riŋ	<i>run</i>	diit	<i>birds</i>	<u>riŋ</u>
jic	<i>ear</i>	dīir	<i>bump (in ground)</i>	rūiŋ	<i>meat</i>	<u>dīir</u>
jic	<i>ear</i>	tīit	<i>mahogany tree</i>	rūiŋ	<i>meat</i>	<u>tīit</u>
jic	<i>ear</i>	tīik	<i>chin</i>	rūiŋ	<i>meat</i>	<u>tīik</u>
jic	<i>ear</i>	līim	<i>messenger</i>	rūiŋ	<i>meat</i>	<u>līim</u>
doth	<i>virgin</i>	yoŋ	<i>opening, hole</i>	nooŋ	<i>wedding</i>	<u>yoŋ</u>
doth	<i>virgin</i>	rok	<i>molar tooth</i>	nooŋ	<i>wedding</i>	<u>rook</u>
doth	<i>virgin</i>	kom	<i>bark, shell</i>	nooŋ	<i>wedding</i>	<u>kom</u>
doth	<i>virgin</i>	dor	<i>peace</i>	nooŋ	<i>wedding</i>	<u>door</u>
jök	<i>dog</i>	böör	<i>full moon</i>	dhöök	<i>skin</i>	<u>böör</u>
jök	<i>dog</i>	löŋ	<i>rule</i>	dhöök	<i>skin</i>	<u>lööŋ</u>
jök	<i>dog</i>	böm	<i>hump (of cow)</i>	dhöök	<i>skin</i>	<u>böm</u>
jök	<i>dog</i>	köör	<i>fighting, arguing</i>	dhöök	<i>skin</i>	<u>kör</u>
yoŋ	<i>swamp</i>	koom	<i>stool, chair</i>	koor	<i>forearm</i>	<u>kom</u>
yoŋ	<i>swamp</i>	lor	<i>be empty</i>	koor	<i>forearm</i>	<u>lor</u>
yoŋ	<i>swamp</i>	gol	<i>be new</i>	koor	<i>forearm</i>	<u>gool</u>
ŋöp	<i>fig</i>	kööm	<i>beat, thresh something</i>	thööl	<i>snakes (pl)</i>	<u>kööm</u>
ŋöp	<i>fig</i>	ŋööŋ	<i>be poor</i>	thööl	<i>snakes (pl)</i>	<u>ŋöŋ</u>
dut	<i>grass</i>	dur	<i>eloping</i>	muuth	<i>darkness</i>	<u>duur</u>
dut	<i>grass</i>	tur	<i>dust</i>	muuth	<i>darkness</i>	<u>tur</u>
dut	<i>grass</i>	tuut	<i>bull</i>	muuth	<i>darkness</i>	<u>tuut</u>
dut	<i>grass</i>	luuth	<i>mud fish</i>	muuth	<i>darkness</i>	<u>luth</u>

Exercise 9

Test Word	Write correctly	Test Word	Write correctly
tiaar	<i>flour</i>	tiar	<u>tiar</u>
bīāth	<i>pumpkin</i>	bīāth	<u>bīāth</u>
dīāth	<i>rag, old cloth</i>	dīāāth	<u>dīāāth</u>
yieei	<i>spirit, breath</i>	yieei	<u>yieei</u>
kai	<i>first born</i>	kāi	<u>kāi</u>
taai	<i>open place</i>	taai	<u>taai</u>
niēu	<i>co-wife</i>	niēu	<u>niēu</u>
lēēi	<i>animal</i>	lēi	<u>lēi</u>
boi	<i>fears (pl)</i>	boi	<u>boi</u>
yöoi	<i>hip</i>	yöoi	<u>yöoi</u>
yooi	<i>run</i>	yooi	<u>yooi</u>
ruoi	<i>maggot</i>	ruoi	<u>ruoi</u>
guēi	<i>giraffes (pl)</i>	guei	<u>guei</u>
yiēi	<i>life, spirit</i>	yiēi	<u>yiēi</u>
riēēi	<i>rats (pl)</i>	riēēi	<u>riēēi</u>
yiēet	<i>finger, toe</i>	yiēet	<u>yiēet</u>
rieem	<i>blood</i>	rieem	<u>rieem</u>
bei	<i>pain</i>	bei	<u>bei</u>
nīēn	<i>day</i>	nīēn	<u>nīēn</u>
lioŋ	<i>pot hole</i>	lioŋ	<u>lioŋ</u>
jīöü	<i>dogs (pl)</i>	jīöü	<u>jīöü</u>
thiöl	<i>fat</i>	thiöl	<u>thiöl</u>
liöök	<i>earthworm</i>	liöök	<u>liöök</u>
guāŋ	<i>swelling</i>	guāŋ	<u>guāŋ</u>

käu	<i>bride</i>	<u>kau</u>	tuaany	<i>sickness</i>	<u>tuaany</u>
kuäth	<i>bone marrow</i>	<u>kuäth</u>	teu	<i>life</i>	<u>teu</u>
lääu	<i>dreams (pl)</i>	<u>lääu</u>	kueeth	<i>cockroaches (pl)</i>	<u>kueeth</u>
cuëër	<i>thieves (pl)</i>	<u>cuëër</u>	kueu	<i>cockroach</i>	<u>kuëu</u>
kuel	<i>star</i>	<u>kuel</u>	cuëny	<i>liver</i>	<u>cuëny</u>
nyïëü	<i>co-wife</i>	<u>nyïëü</u>	duëny	<i>lame person</i>	<u>duëëny</u>
cuic	<i>hoofs (pl)</i>	<u>cuic</u>	cuii	<i>soup</i>	<u>cuii</u>
yuic	<i>head</i>	<u>yuic</u>	yuïir	<i>snake venom</i>	<u>yuïir</u>
tuol	<i>smoke</i>	<u>tuol</u>	coou	<i>husband</i>	<u>cou</u>
thuoom	<i>harp</i>	<u>thuoom</u>	yöu	<i>monies (pl)</i>	<u>yöu</u>
ciööu	<i>footprint</i>	<u>ciööu</u>	tuor	<i>flower</i>	<u>tuor</u>
jööu	<i>gods (pl)</i>	<u>jööu</u>	ruön	<i>year</i>	<u>ruöön</u>
thuöu	<i>end</i>	<u>thuöu</u>	ñuöl	<i>crowd</i>	<u>ñuöl</u>

Exercise 10

Test Word		Write correctly	Test Word		Write correctly
aiak	<i>lion</i>	<u>ayak</u>	bey	<i>pain</i>	<u>bei</u>
wään bööyë	<i>place of fear</i>	<u>wään bööyë</u>	puöüë	<i>air pumps</i>	<u>puöüwë</u>
tew	<i>life</i>	<u>teu</u>	yöoi	<i>run</i>	<u>yöoi</u>
auaŋ	<i>tobacco</i>	<u>awaŋ</u>	löy	<i>umbilical cord</i>	<u>löi</u>
yöu	<i>monies (pl)</i>	<u>yöu</u>	acëcuëeyë	<i>whips</i>	<u>acëcuëeyë</u>
riëi	<i>canoe, boat</i>	<u>riëi</u>	wään thuwë	<i>place of end</i>	<u>wään thuwë</u>
agauë	<i>grasses</i>	<u>agawë</u>	lëi	<i>animal</i>	<u>lëi</u>
wään luuië	<i>place of work</i>	<u>wään luuyë</u>	taayë	<i>open places</i>	<u>taayë</u>
baau	<i>cracks (pl)</i>	<u>baau</u>	wään yaië	<i>place of joy</i>	<u>wään yayë</u>

Exercise 11

Test Word		Write correctly	Test Word		Write correctly
dög	<i>river</i>	<u>dök</u>	cuëny	<i>liver</i>	<u>cuëny</u>
gaak	<i>field, garden</i>	<u>kaak</u>	keedh	<i>cow urine</i>	<u>keeth</u>
baaw	<i>cracks (pl)</i>	<u>baau</u>	yöoi	<i>run</i>	<u>yöoi</u>
did	<i>bird (general)</i>	<u>dit</u>	wään tobë	<i>place of tobacco</i>	<u>wään topë</u>
riijë	<i>rafters</i>	<u>riicë</u>	wään bööië	<i>place of fear</i>	<u>wään bööyë</u>
taayë	<i>open places</i>	<u>taayë</u>	riëy	<i>canoe, boat</i>	<u>riëi</u>
käi	<i>first born</i>	<u>käi</u>	aduan	<i>crippled person</i>	<u>aduan</u>
agäg	<i>game</i>	<u>agäk</u>	ñuöl	<i>crowd</i>	<u>ñuöl</u>
yöw	<i>monies (pl)</i>	<u>yöu</u>	wään thuuë	<i>place of end</i>	<u>wään thuwë</u>
lëi	<i>animal</i>	<u>lëi</u>	dapë	<i>lazy persons</i>	<u>dapë</u>
nïëü	<i>co-wife</i>	<u>nïëü</u>	wään thiëcë	<i>place of request</i>	<u>wään thiëcë</u>
bei	<i>pain</i>	<u>bei</u>	acëcuëeyë	<i>whips</i>	<u>acëcuëeyë</u>

