

ADDAWLAT AN NIJER

Edag an talalt ta n tamawen

**JICA**

Minitar wa yiwalan Cugas

**MDA**

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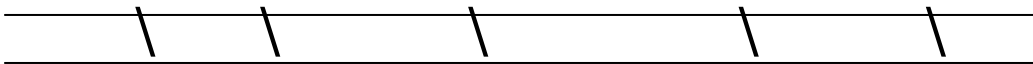
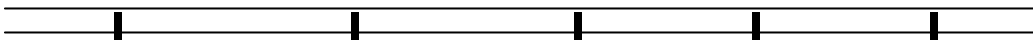
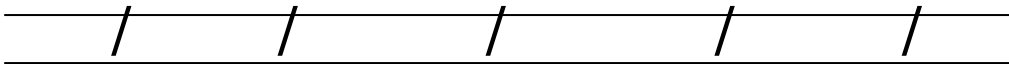
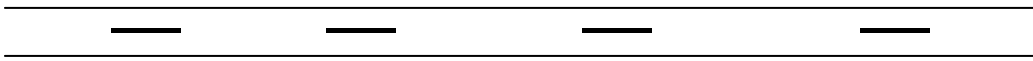
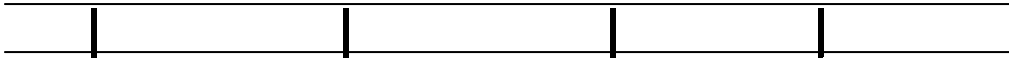
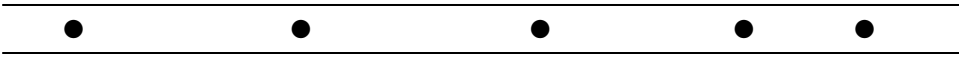
Annizam an tatat an gorasan wan sahel  
**EDOS**

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**Tayaray d- akatab**

**Elkatab n emayri**

MASNAT TAN 1:



MASNAT TAN 2 :

C C C C C

o o o o o

o o o o o

r r r r r

j j j j j

s s s s s

**MASNAT TAN 3**

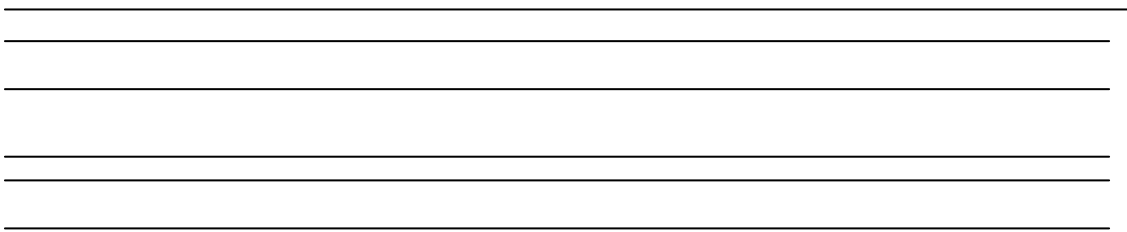
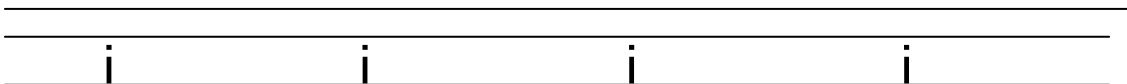


Ayali ikannu ifanyalanet

Ayali

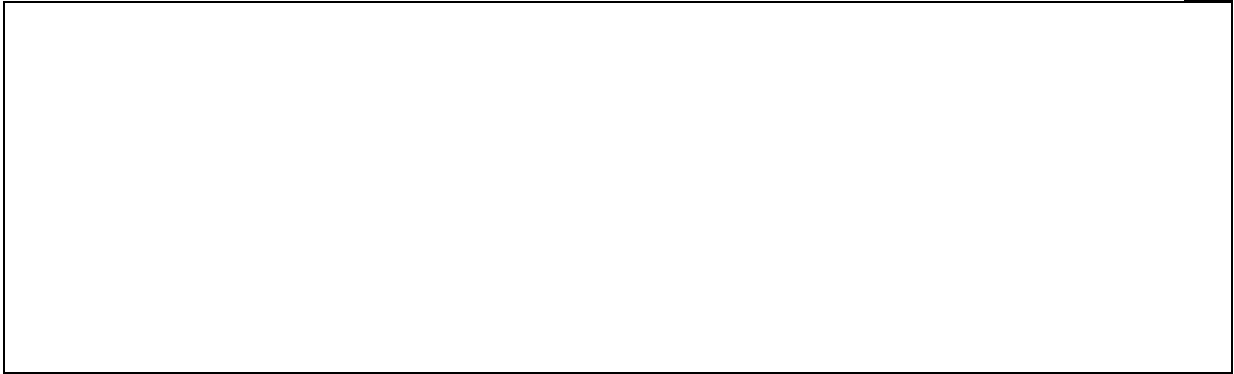
Li

i



**MASNAT TAN 3**

**a**



Ayali inabal amsa

amsa

sa

a

**a a a a**

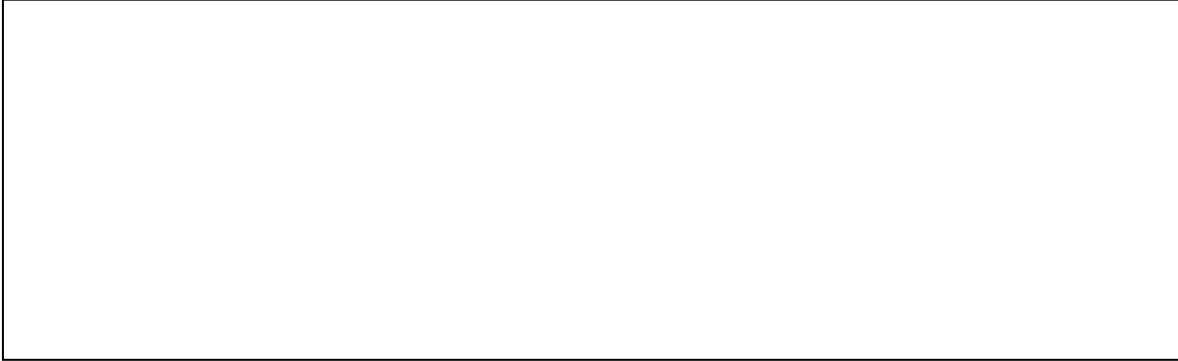
**a a a a**

Blank handwriting practice lines.

**a = a = A =**

**MASNAT TAN 4**

u



Amagyak itagu tamaqqost day efanyal  
itagu  
gu  
u

u u u u

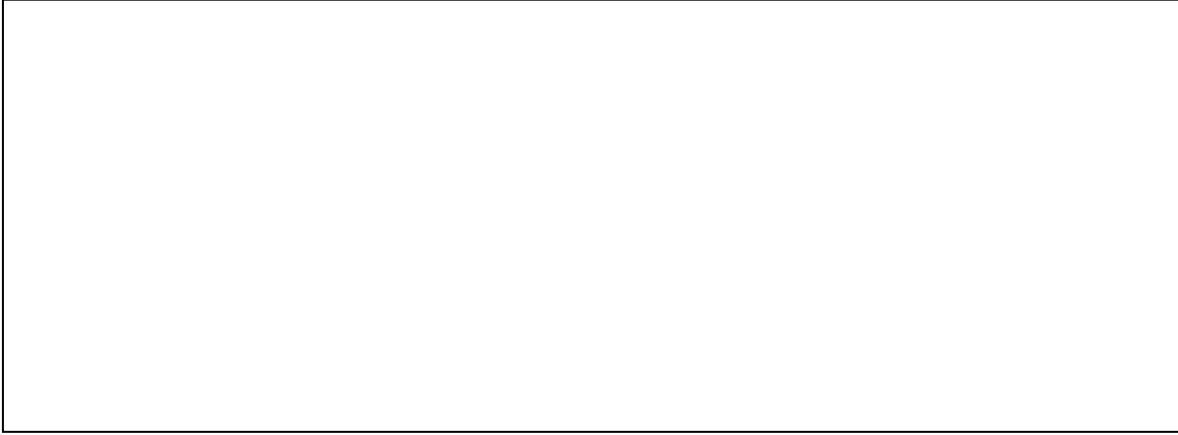
u u u u

Blank handwriting practice lines.

u = u = U =

**MASNAT TAN 4**

ə



Ettagazat ənəbələn nawa  
ənəbələn  
bə  
ə

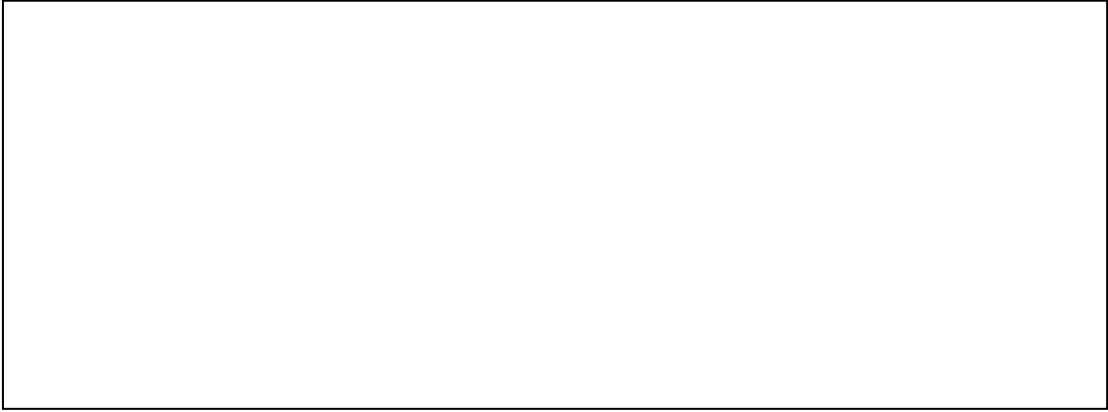
ə                      ə                      ə                      ə

ə                      ə                      ə                      ə

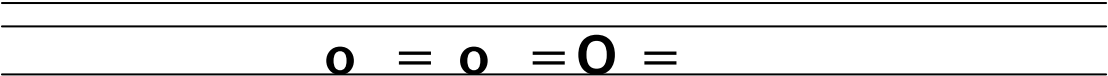
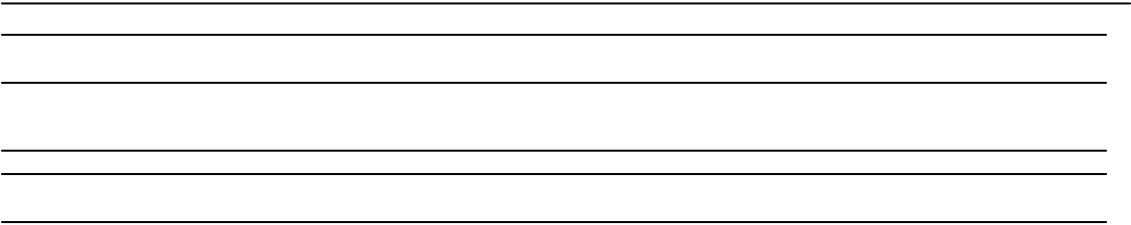
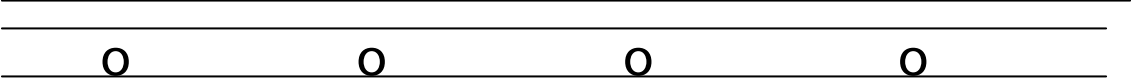
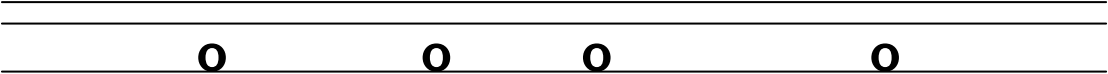
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ə = ə = E =

MASNAT TAN 5



Axmad eway tagomit  
tagomit  
go  
o





**MASNAT TAN 5**

**e**



yumur ikannu efanyal  
efanyal  
ef  
e

**e e e e**

**e e e e**

Blank handwriting practice lines.

**e = a = E =**

Agəzät amsa day kənkäran  
kənkäran  
kă  
ă

ă      ä      ä      ä

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**MASNAT TAN 6**

**Telest fel ibetan**

<b>i</b>	<b>o</b>	<b>e</b>	<b>u</b>	<b>ə</b>	<b>a</b>	<b>ă</b>
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**i i**

**o o**

**a a**

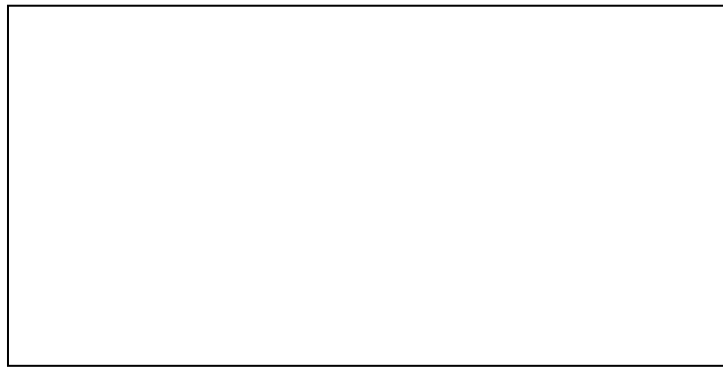
**e e**

**u u**

**ə ə**

**ă ă**

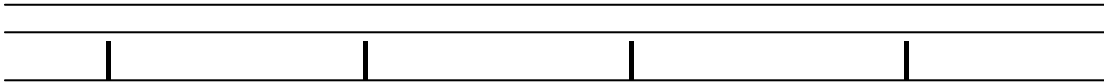
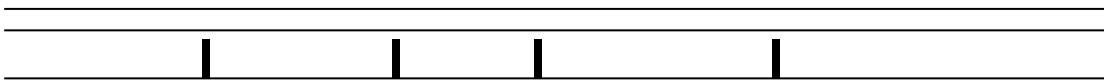
**MASNAT TAN 7**



Ilalăn  n tenaye n t mse

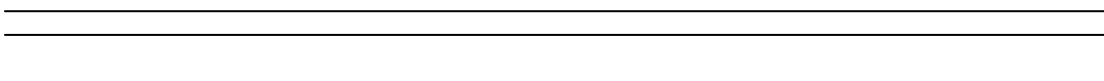
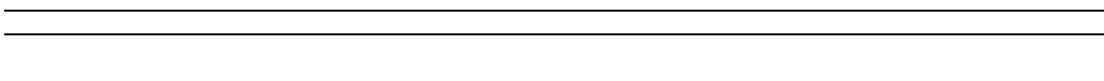
lă

|



li lo la le l  lu lă

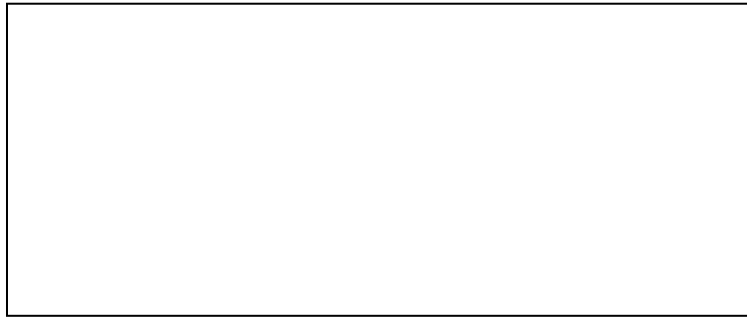
ala ali lalla ila



| = | = L =

**MASNAT TAN 8**

**t**



tenaye n temse t̄la masnat

tenaye

te

t

**t t t t**

**t̄i to te ta tu t̄ə t̄ă**

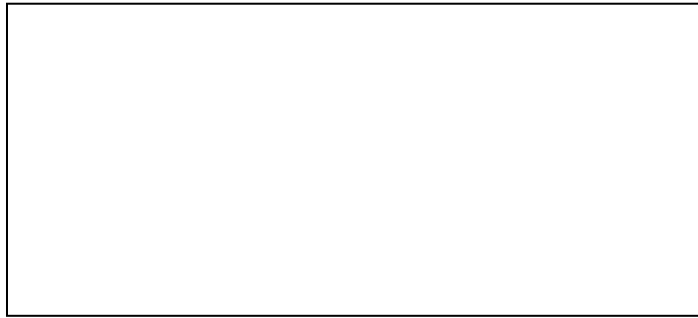
**tala t̄la alat tele tata**

**tata t̄la ala**

**t = t = T**

**MASNAT TAN 9**

**d**



Axmadu inaqqu temse

Axmadu

du

d

**d      d      d      d**

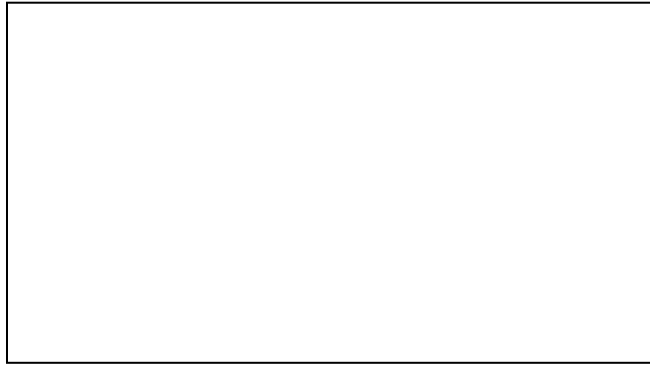
**di   do   de   da   du   də   dă**

**dat   alada   deda   tadala   taddod**

**d = d = D**

**MASNAT TAN 10**

n



Anu tata

anu

nu

n

n n n n

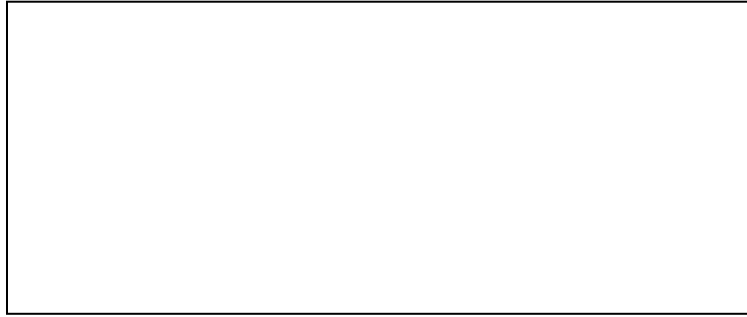
ni no ne na nu nə nă

ehil tenale tende

n = n = N

**MASNAT TAN 11**

k



Tamədint ən kajan tahet tənfa

kajan

ka

k

k k k k

ki ko ke ka ku kə kǎ

akoka akal akku əkkəl

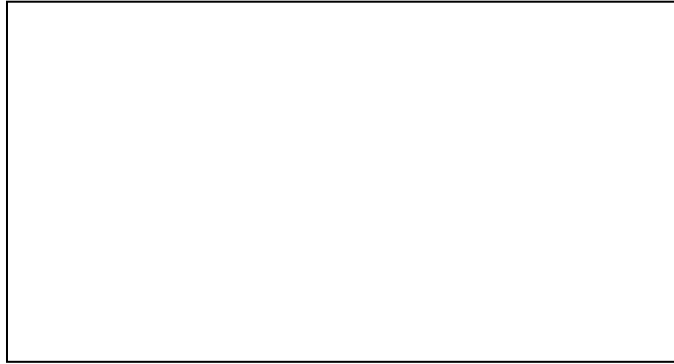
Blank handwriting practice lines.

k = k = K



**MASNAT TAN 12**

g



Ali izzənza-du amagal

ga

ga

g

g g g g

gi go ge ga gu gə gǎ

əgdəl tagle galat agala

ali ika agala

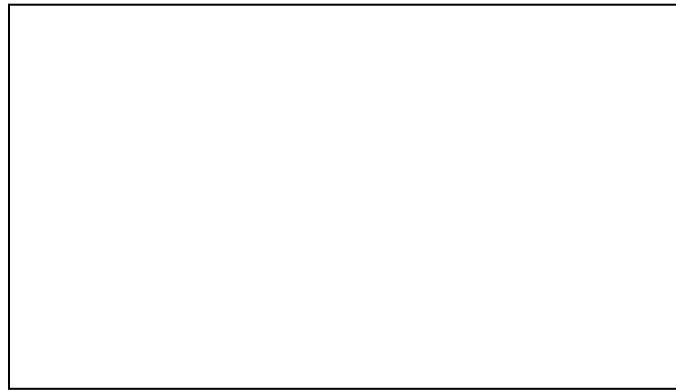
igdal egel net

g = g = G

## MASNAT TAN 13

### TELEST:

<b>li</b>	<b>la</b>	<b>lu</b>	<b>lə</b>	<b>le</b>	<b>lă</b>	<b>lo</b>
<b>ti</b>	<b>ta</b>	<b>tu</b>	<b>tə</b>	<b>te</b>	<b>tă</b>	<b>to</b>
<b>di</b>	<b>da</b>	<b>du</b>	<b>də</b>	<b>de</b>	<b>dă</b>	<b>do</b>
<b>ni</b>	<b>na</b>	<b>nu</b>	<b>nə</b>	<b>ne</b>	<b>nă</b>	<b>no</b>
<b>ki</b>	<b>ka</b>	<b>ku</b>	<b>kə</b>	<b>ke</b>	<b>kă</b>	<b>ko</b>
<b>gi</b>	<b>ga</b>	<b>gu</b>	<b>gə</b>	<b>ge</b>	<b>gă</b>	<b>go</b>



Ama igayak Akasa

sa

s

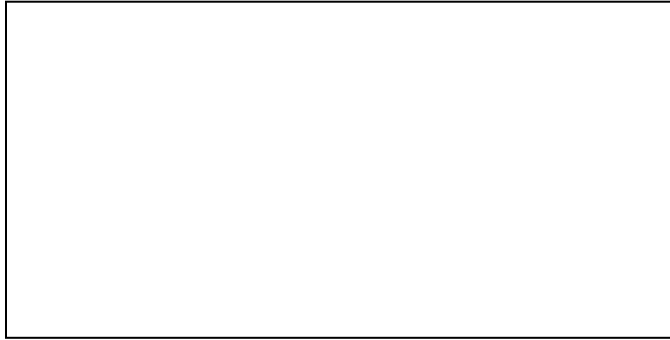
s s s s

si so se sa su sə sã

akasa asu tasa tadast

ali iksal amadal

s = s = S



Awedən itag ure.

we

w

W W W W

wi wo we wa wu wə wǎ

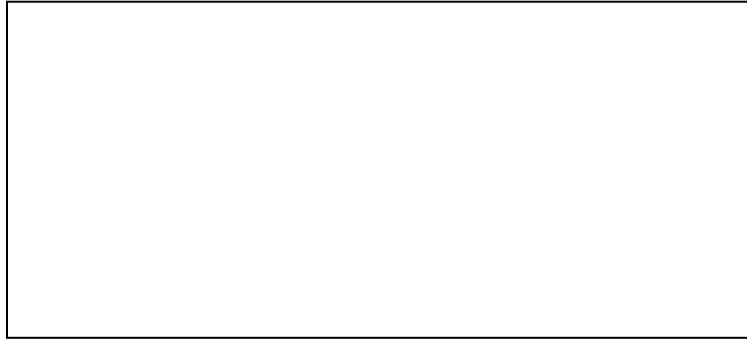
awal - awedən - walawala - wəllen

aweden ika usuk wan kaw.

sala ikme awal.

awatay wa aminatu təga afarag.

w = w = W



**Gayak abora day šišisingay**

abora

bo

b

**b      b      b      b**

**bi bo be ba bu bə bǎ**

**abalbod - abatol - ebawel - agabal**

**ikkal du abagal ən tawagost.**

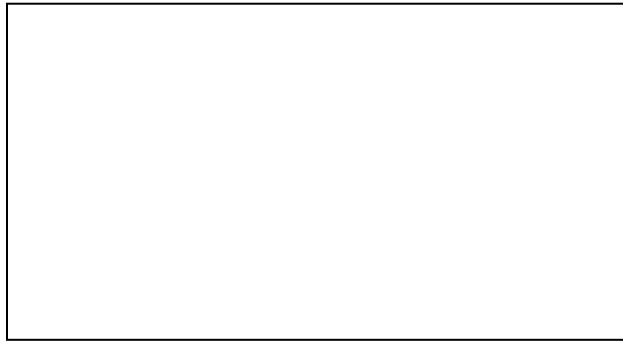
**tawagost n-ali təla tele.**

\_\_\_\_\_

**b = b = B**

**MASNAT TAN 17**

r



Ali ila abora.

ra

r

r r r r

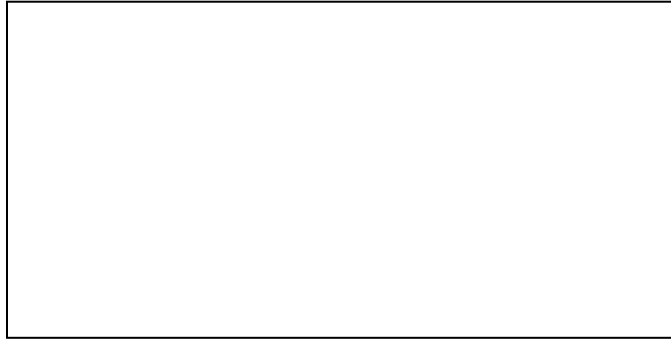
ri ro re ra ru rə rǎ

barar - ire - əwər - iri - tara

aboramasar iga awatay wa.

afarag n-aminatu ila kabewa.

r = r = R



Isabdag ire d-aman.

ma

m

m m m m

mi mo me ma mu mə mǎ

amasa - aman - amagal - tamara

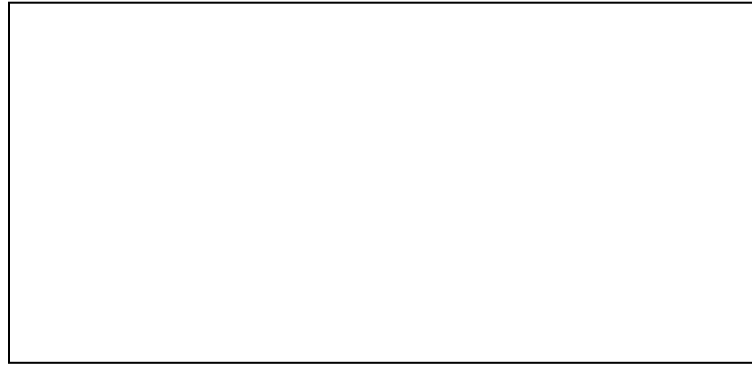
iga anu dagma n-aman.

amagar net igraw du amagal.

m = m = M

**MASNAT TAN 19**

y



Affat alxayawan nawan asaley.

ya

y

y y y y

yi yo ye ya yu yə yǎ

yel - ayyaw - awatay - aggay

awatay wa yel illey.

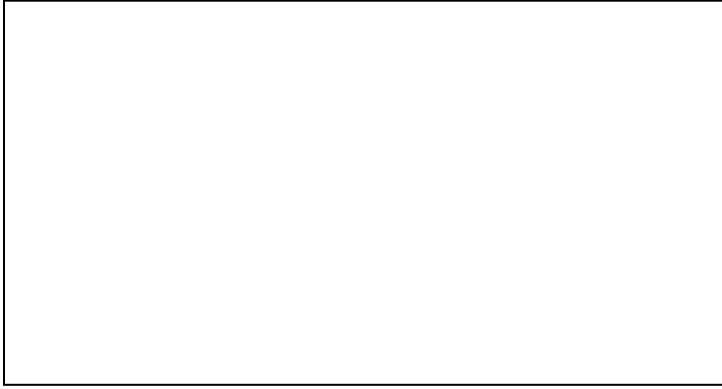
barar iyan eway du amasa.

y = y = Y



MASNAT TAN 20

<b>ki</b>	<b>ka</b>	<b>ku</b>	<b>kə</b>	<b>ke</b>	<b>kă</b>	<b>ko</b>
<b>gi</b>	<b>ga</b>	<b>gu</b>	<b>gə</b>	<b>ge</b>	<b>gă</b>	<b>go</b>
<b>si</b>	<b>sa</b>	<b>su</b>	<b>sə</b>	<b>se</b>	<b>să</b>	<b>so</b>
<b>wi</b>	<b>wa</b>	<b>wu</b>	<b>wə</b>	<b>we</b>	<b>wă</b>	<b>wo</b>
<b>bi</b>	<b>ba</b>	<b>bu</b>	<b>Bə</b>	<b>be</b>	<b>bă</b>	<b>bo</b>
<b>ri</b>	<b>ra</b>	<b>ru</b>	<b>rə</b>	<b>re</b>	<b>ră</b>	<b>ro</b>
<b>mi</b>	<b>ma</b>	<b>mu</b>	<b>mə</b>	<b>me</b>	<b>mă</b>	<b>mo</b>
<b>yi</b>	<b>ya</b>	<b>yu</b>	<b>yə</b>	<b>ye</b>	<b>yă</b>	<b>yo</b>



Zaynubu tēla tēmēzēllit ēn azan.

tēmēzēllit

zə

z

z z z z

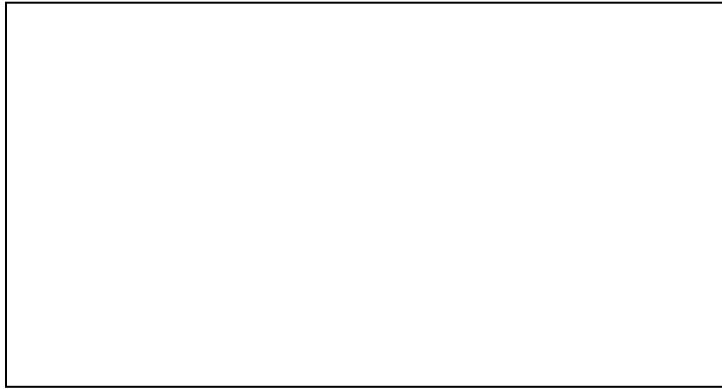
zi zo ze za zu zə ză

azazəl - tanzant - azor - tazorigət

tanzant tēga awatay wa.

tanzant azrēf at-tu tēha teney ta.

z = z = Z



Alxassan igayak.

xa

x

x x x x

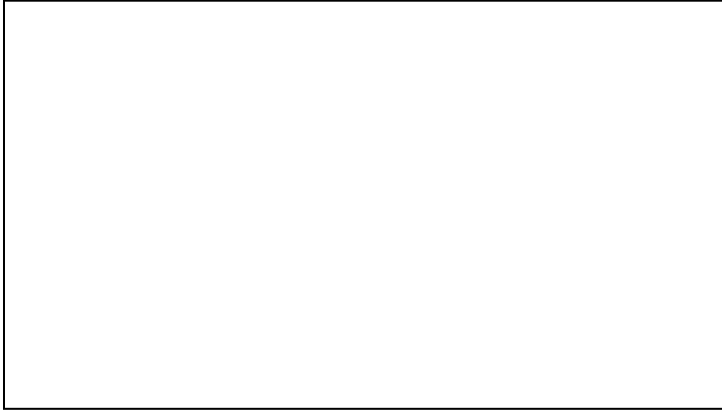
xi xo xe xa xu xə xǎ

ax - əlxukum - axmad - assaxat

alxassan isassu aman.

axmad itagu ənnəsixa fel anabal n-eskan.

x = x = X



Xawa təšašu barar net

šu

š

š š š š

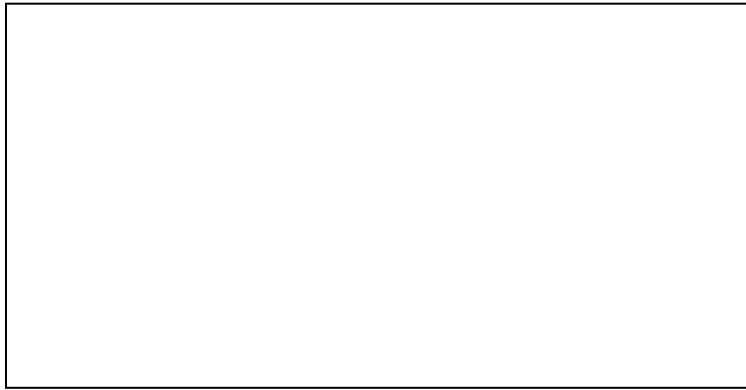
ši šo še ša šu şə šă

Šiblalen - ešik - əšink - aššaš

Šašiwat aman n-anu wan gandari.

Šiblalen ən kabuše.

š = š = Š



**Tufat əssuk.**

fa

f

f f f f

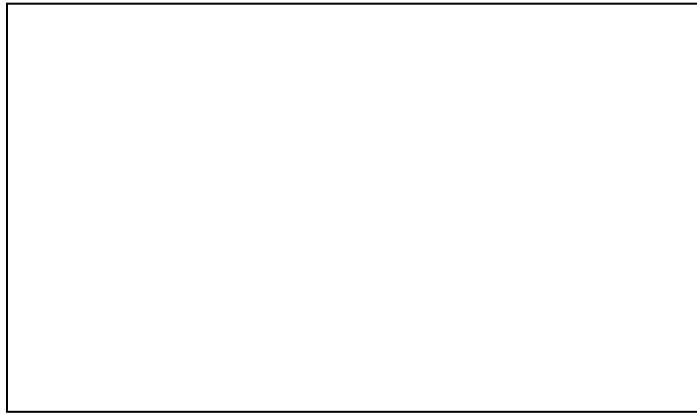
fi fo fe fa fu fə fǎ

tufat - affar - afagag - efalanfal

ayfəd əganən day asəgən.

barar iyan ifay.

f = f = F



Anyat imudaran.

ya

γ

γ γ γ γ

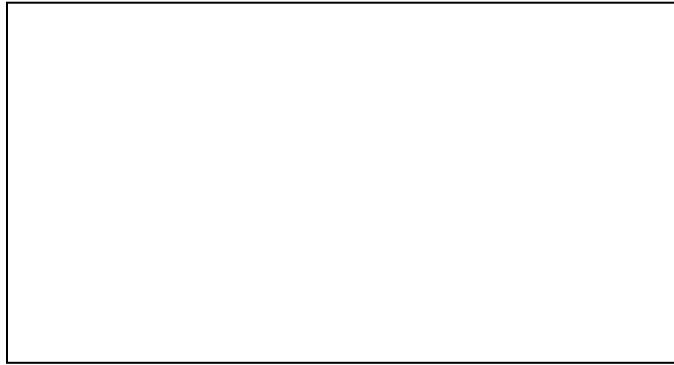
yi yo ye ya yu yə yǎ

tenaye - tafayt - iyunab - yarat

ayora wa nara abora.

tafayat tewad abaraz.

γ = γ = γ



Amadal olay.

da

d

d d d d d

di da du de do da da

amadal - adu - adafor - dada

adafor iha daw temuzzug.

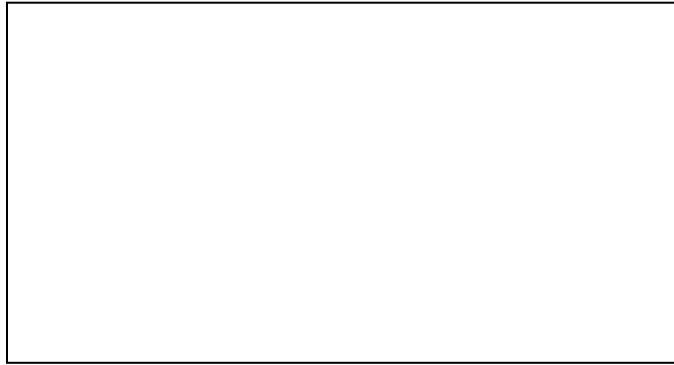
amadal wa ibrar.

d = d

**MASNAT TAN 27**

<b>yi</b>	<b>ya</b>	<b>yu</b>	<b>yə</b>	<b>ye</b>	<b>yǎ</b>	<b>yo</b>
<b>zi</b>	<b>za</b>	<b>zu</b>	<b>zə</b>	<b>ze</b>	<b>zǎ</b>	<b>zo</b>
<b>xi</b>	<b>xa</b>	<b>xu</b>	<b>xə</b>	<b>xe</b>	<b>xǎ</b>	<b>xo</b>
<b>ši</b>	<b>ša</b>	<b>šu</b>	<b>šə</b>	<b>še</b>	<b>šǎ</b>	<b>šo</b>
<b>fi</b>	<b>fa</b>	<b>fu</b>	<b>fə</b>	<b>fe</b>	<b>fǎ</b>	<b>fo</b>
<b>yi</b>	<b>ya</b>	<b>yu</b>	<b>yə</b>	<b>ye</b>	<b>yǎ</b>	<b>yo</b>
<b>di</b>	<b>da</b>	<b>du</b>	<b>də</b>	<b>de</b>	<b>dǎ</b>	<b>do</b>





Eqqad ikma agayak.

eqqad

qa

q

q q q q

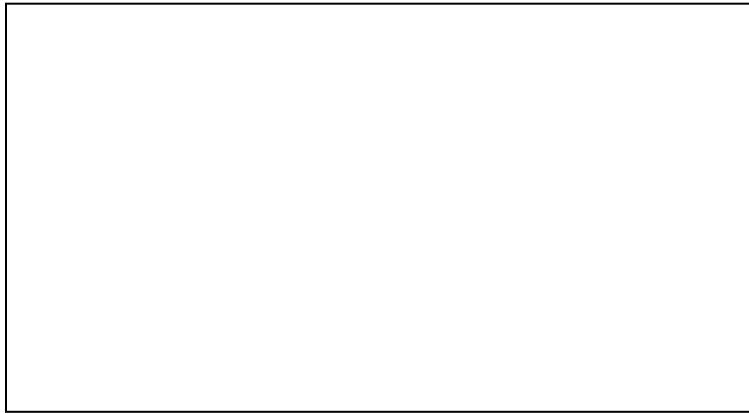
qi qo qe qa qu qə qǎ

eqqad - eqqal - eqqar - tasaq

tasaq tuqqur xər təhen aman.

eqqad inaqqu eškan.

q = q = Q



Afagag tahe tənfa.

tahe

h

h h h h

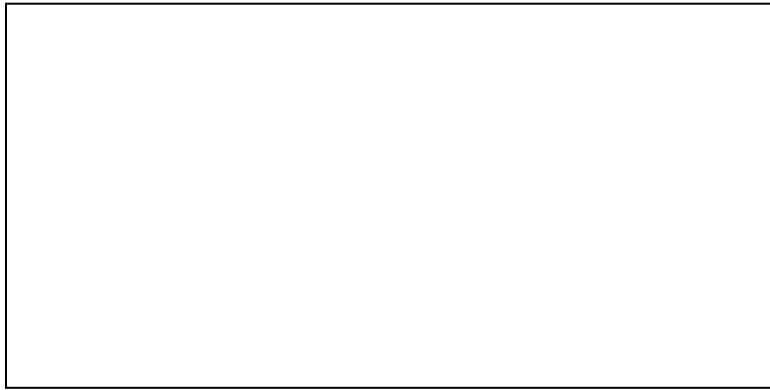
hi ho he ha hu hə hə

elahe - əhud - ihi - ehan

əhud ikma işkan.

agat lemun harwa yarat.

h = h = H



Inajarway amadal.

inajarway

ja

j

j j j j

ji jo je ja ju jø jǎ

inajarway - ajen - ejad - iji

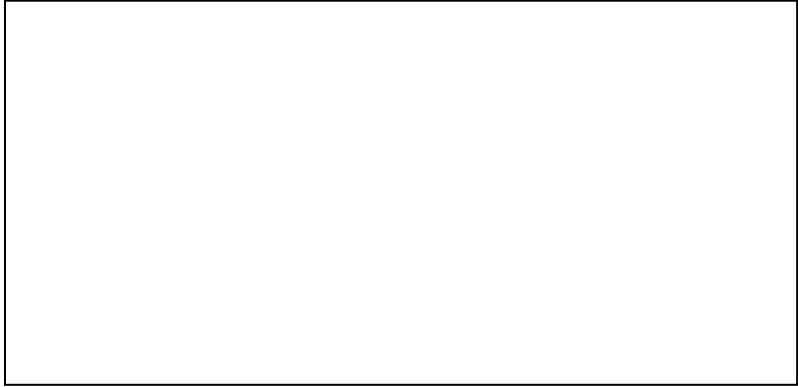
jimjim ijəjwal ejad net.

ajen d-erəs taħen tənfa tagget.

j = j = J

MASNAT TAN 31

t



naṭṭafat d-ehare nawan

naṭṭafat

ṭa

ṭ

ṭ    ṭ    ṭ    ṭ

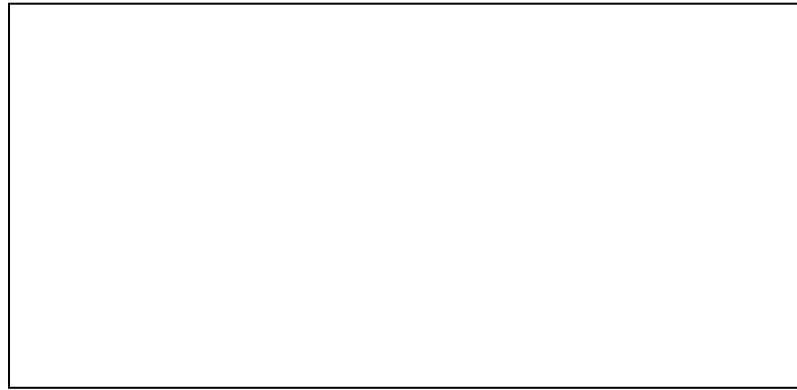
ṭi   ṭa   ṭu   ṭə   ṭo   ṭə   ṭă

tamṭut - tamaṭṭant - anəṭṭəf - ton

tanṭut teway tamaqqost əs tawagost.

igət ən tamaqqost inayu ebele.

ṭ = ṭ



Amadu itag takin s aləmmuz əd tamaqqost

mu z

z

z z z z

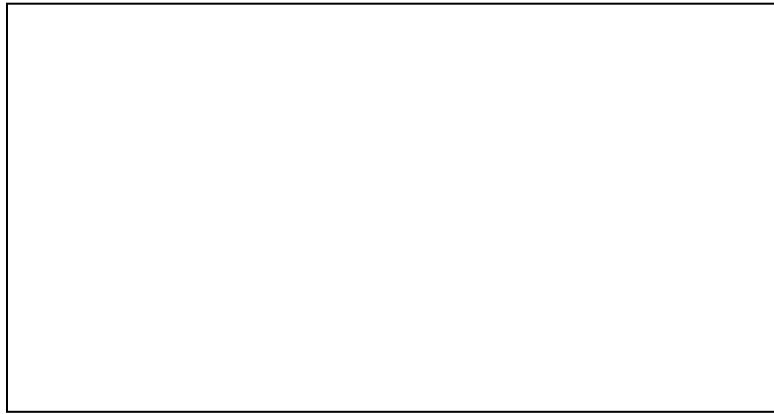
zi zo ze za zu ze za

aləmmuz - azəl - agəz - əgəz

ala n-əzlan tahe tamaqqost.

agəzat aləmmuz day eqqad.

z = z = Z



əşşayat cadoden amosnat.

əşşayat

şa

ş

ş ş ş ş ş ş ş

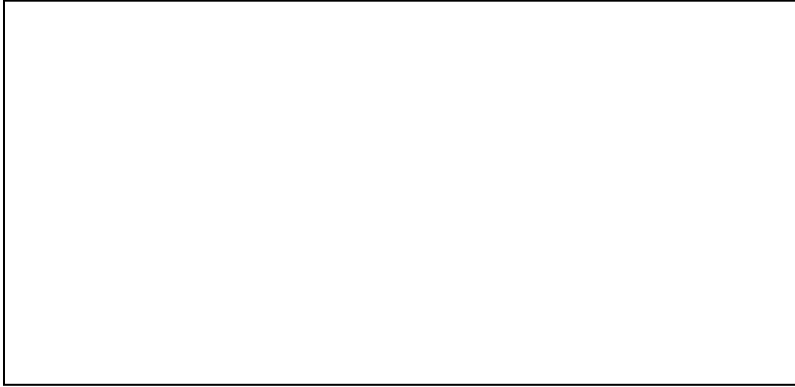
şi şo şe şa şu şə şă

əşşa - əşşayat - aşşas - aşşabu

tamaqqost tənazin day eşşuk.

aşşa izənza du tamaqqost.

ş = Ş



**Afanaz n-eřkan yənfa cəwəgas.**

Cəwəgas

Cə

C

**C C C C**

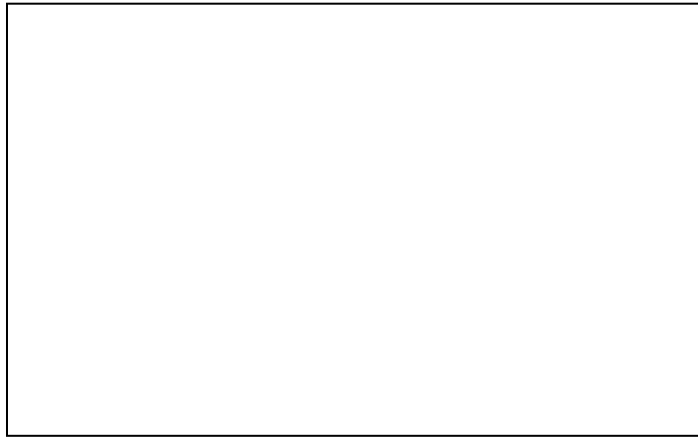
**ci co ce ca cu cə cǎ**

**citan - cadoden - cət - cokalt**

**cadoden əkkanat tawagos.**

**citan təkmen fad.**

**c = c = C**



isangyu

၅u

၅

၅ ၅ ၅ ၅

၅i ၅o ၅e ၅a ၅u ၅ə ၅ǎ

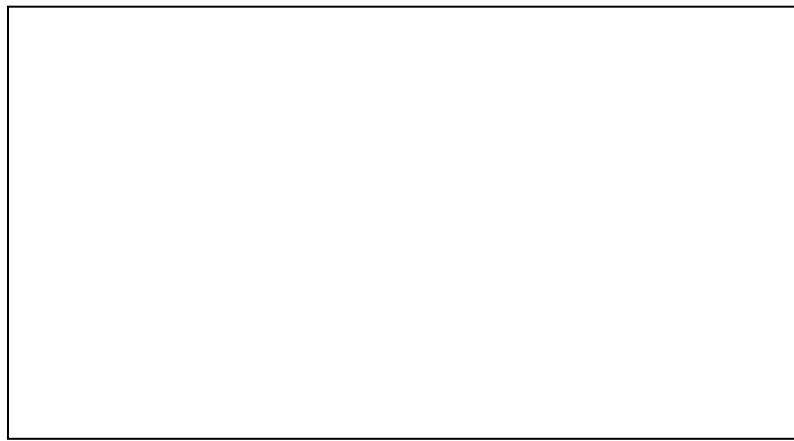
isangyi - angyatma

angyatmas isangyu.

Blank handwriting practice lines.



**MASNAT TAN 36**



allahu

la

!

! ! ! !

li lo le la lu le la

**allahu - yalla**

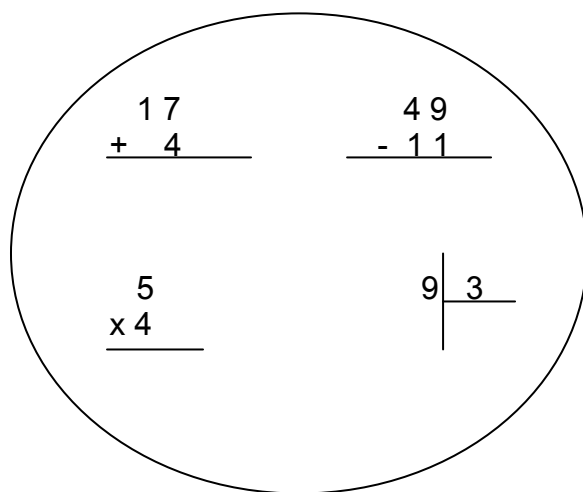
**axmad iktab alqanun n-assagawar.**

Blank handwriting practice lines.

## MASNAT TAN 37

Telest :

qi	qo	qe	qa	qu	qə	qǎ
hi	ho	he	ha	hu	hə	hǎ
ji	jo	je	ja	ju	jə	jǎ
ti	to	te	ta	tu	tə	tǎ
ḡi	ḡo	ḡe	ḡa	ḡu	ḡə	ḡǎ
Ṣi	Ṣo	Ṣe	Ṣa	Ṣu	Ṣə	Ṣǎ
ci	co	ce	ca	cu	cə	cǎ
ḡi	ḡo	ḡe	ḡa	ḡu	ḡə	ḡǎ
ḡi	ḡo	ḡe	ḡa	ḡu	ḡə	ḡǎ



**ƏLXISAB**

**Əlkətab n-əməyri**

## AFFAR

Nəga əlkətab wa y imayran fəl ad əbəzan tənfa net əssəsuxen masnat nasən dəy awa  
iqqalan alamad n əlxisab. Nodma as ad təşyalam sər əs wəllən.

TELEMET TAN 1: ALAMAD N akatab

•

|

|

—

/

\

TELEMET TAN: 2 ALAMAD N AKATAB

C

C

O

r

J

S

TELEMET TAN 3: ELXEREFAN 1 HAR 3

1



Handwritten musical notation on a four-line staff. The first line contains four '1' characters. The second line contains five vertical bars. The third line contains three vertical bars, each preceded by a slash. The fourth line contains three '1' characters.

2



Handwritten musical notation on a four-line staff. The first line contains four '?' characters followed by a dash. The second line contains five '2' characters. The third line contains three '2' characters. The fourth line is empty.

**ТЕЛЕМЭТ ТАН 7: аламат n-әңци wәр nokey 9**

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

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

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$$

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

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

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



**TELEMƏT TAN 8:** alamađ n-afanaz wər nokey 9

$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

**TELEMET TAN 9: alamad n-akatab ən təmərwen**

Imayran ad ətakkaran unan wina

20

30

40

50

60

70

80

90

Təmərwen	Ciwadaken
1	0



**TELEMET TAN 11: Elxərəfan 100 har 900**

Imayran ad ətakkaran unan win d-əqqimnen

Təmad	Təmərwen	Ciwadaken
1	0	0

**TELEMET TAN 12: Elxərəfan 101 har 999**

Imayran ad ətakkaran unan win d-əqqimnen

101									110
	112						118		
		123							130
			134						
				145					
					166				170
				175		177			
			184				188		
	191								200

**TELEMƏT TAN 13:**

Telest: İmayran ad əkkəran unan əs medan

20    40    200    500    600    800    900 33 247    507

Təmad	Təmərwen	Ciwadaken
	1	0
3	0	0

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

$$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

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

**TELEMƏT TAN 14:** Aşici wa wər iha asəfnək wa ilan 2 əlxərəfan

$$\begin{array}{r} 14 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 66 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 57 \\ \hline \end{array}$$

Iwar imayran ad əgrəwan əlxisab wa

**TELEMET TAN 15: Afanaz wa wər iha asəfnək wa ilan 2 əlxərəfan**

$$\begin{array}{r} 17 \\ - 12 \\ \hline \end{array} \quad \begin{array}{r} 65 \\ - 32 \\ \hline \end{array} \quad \begin{array}{r} 49 \\ - 27 \\ \hline \end{array} \quad \begin{array}{r} 56 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 72 \\ \hline \end{array} \quad \begin{array}{r} 33 \\ - 21 \\ \hline \end{array} \quad \begin{array}{r} 98 \\ - 64 \\ \hline \end{array} \quad \begin{array}{r} 75 \\ - 53 \\ \hline \end{array}$$

Iwar imayran ad əgrəwan əlxisab wa



**TELEMƏT TAN 16:**

Teyare d-akatab ən giman

Iwar Imayran ad əkkəran unan wina

2000

3000

5000

7000

9000.

Giman	Təmad	Təmərwen	Ciwadaken
1	0	0	0

**TELEMƏT TAN 17:**

imedan 1001 har 9999

Imayran ad ətakkaran İyiwanan wina

1000	1001						1007		1009
2000						2006			
					3005				
4000					4004				
			5003						
		6002							6009
7000									
									8009
	9001								9999

**ТЭЛЭМЭТ ТАН 18:**

ТөҮяре d-akatab эн тэмэрwen эн giman

Iwar Imayran ad эkkэran Iyiwanan wina

10.000

20.000

50.000

70.000

90.000.

Тэмэрwen эн Giman	Тэмad	Тэмэрwen	Ciwadaken
1 0	0	0	0



**TELEMET TAN 20:**

Telest: Iwar Imayran ad əkkəran yiwan wina

10.01

6345

16.025

170.432.

təmərwen ən giman	Giman	təmad	təmərwen	ciwadaken
1	0	0	0	0

## TELEMET TAN 21: Ašici wa iha asəfnək

Iwar imayran ad əgrəwan əlxisab wa

$$\begin{array}{r} 24 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 45 \\ \hline \end{array}$$

**TELEMƏT TAN 22: Afanaz wa iha asəfnək**

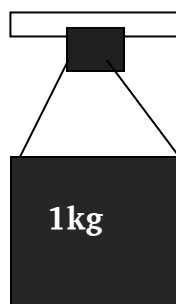
Iwar imayran ad əgrəwan əlxisab wa

86	72	90	54
- 37	- 29	- 77	- 27

32	98	61	85
- 18	- 59	- 18	- 27

827	75207	48961
- 287	- 5328	- 9078

**TELEMET TAN 23:** Alamad n-ekat ən təzzəyt



Iwar imayran ad əktəban kg əd 60 day etattar wa

      
      
Kg 60

      
      
Kg 60

      
      
Kg 60

      
      
Kg 60

**TELEMET TAN 24:** Alamad ən teyare d-akatab n-eket ən tazzagrat



Iwar imayran ad äktəban km əd 50 ən km day etattar wa

km

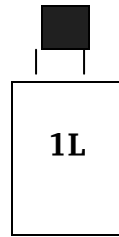
km

km 50

km 50

Alamad ən teyare d-akatab n-iskat win eket

Iwar imayran ad äktəban: **l**, **hl**, **dal**, **cl**



l

dl

hl

cl

TELEMET TAN 25:

Teyare d-akatab ən təmad ən gimana

100.000

400.000

600.000

900.000

Telest: Iwar Imayran ad ækkæran unan wina

tæmærwæn æn giman	tæmærwæn æn Gimæn	giman	tæmad	tæmærwæn	ciwadaken
1	0	0	0	0	0

**TELEMƏT TAN 26:**

Teyare d-akatab ən medan 100 001 har 999 999

Iwar İmayran ad əkkəran unan wina

100.001

400.007

204.325

3370.999

təmərwen ən gimān	təmərwen ən Gimān	gimān	təmad	təmərwen	ciwadaken
1	3	5	0	2	0

**TELEMƏT** : tan 27

Telest: iwar imayran d-ewat n-əlxisab wa

$$\begin{array}{r} 28 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 39 \\ \hline \end{array}$$

5000 ən kg manaket tonen?

1000 ən m manaket ən km?

hl manaket litəran

10 dl manaket litəran?

700 ən l manaket hl?

1050 ən l manaket ən dal

Iwar Imayran ad əkkəran unan wina

100000   200000   500000   700000   900000   123540   436786

təmərwen ən giman	təmərwen ən Gimən	giman	təmad	təmərwen	ciwadaken

**TELEMET TAN 28: Asənnətfəs wər iha asəfnək**

Iwar imayran ad əgrəwan əlxisab wa

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$$

**TELEMET TAN 28:**

Tarrayen šin alamad n-asənnətfəs (1 hər 9)

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times . \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times . \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ \times . \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ \times . \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ \times . \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times . \\ \hline 0 \end{array}$$

$$\begin{array}{r} 8 \\ \times . \\ \hline 8 \end{array}$$

**TELEMƏT TAN 29:**

Tarrayen şin alamad n-asənətfəs (0 har9)

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times . \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times . \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ \times . \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ \times . \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ \times . \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times . \\ \hline 8 \end{array}$$

## TELEMƏT TAN 30

Alamad n-asənnətfəs wər iha asəfnək wa ilan əlxərəf 1 s-erəs əşšin əlxərəfan safalla

Əgrəwad du əlxisab wa.

$$\begin{array}{r} 22 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 1 \\ \hline \end{array}$$



**TĒLEMĒT TAN 31:**

Asēnnētfēs wa iha asēfnēk wa ilan ēlxērēf 2 safalla

Ēgrēwad du ēlxisab wa.

$$\begin{array}{r} 22 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 3 \\ \hline \end{array}$$

**TĚLEMĚT TAN 32:**

Alamad n-asənnətfəs wa iha asəfnək wa ilan əlxərəf 3 safalla

Əgrəwad du əlxisab wa.

$$\begin{array}{r} 122 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 143 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 246 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 334 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 119 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 432 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 461 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 199 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 544 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 324 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 428 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 805 \\ \times 3 \\ \hline \end{array}$$

**TELEMƏT TAN 33:**

Telest : iwar kawan ad tagim əlxisab wa

$$\begin{array}{r} 22 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 219 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 352 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 361 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 6 \\ \hline \end{array}$$

**TĒLEMĒT TAN 34:**

Asēnnētfēs wa iha asēfnāk wa ilan ēlxērēf 3 safalla 2 s-erēs

Ēgrēwad du ēlxisab wa.

$$\begin{array}{r} 222 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 153 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 146 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 261 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 434 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 392 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 810 \\ \times 33 \\ \hline \end{array}$$

**TELEMET TAN 35:**

Teyare d-akatab ən miliyo

Əktəbat imedan wina day ayiwan

2.000.000

3.000.000

5.000.000

5.425.000

miliyo	Təmad ən giman	Təmərwen ən giman	giman	təmad	təmərwen	Ciwadaken
1	0	0	0	0	0	0

**ТЭЛЕМЭТ ТАН 36:**

Үлсжүүлэлт фел миллиотан

3 000 000  
+ 5.000.000  

---

4 245 000  
+ 1 720 000  

---

9.000.000  
- 1.500.000  

---

13.870.000  
- 6.535.000  

---

200.000  
x 2  

---

145 436  
x 321  

---

## TELEMET TAN 37:

Tuzunt wər iha asəfnək (1 har 9)

Əgrəwad du tuzunt ta.

$$\begin{array}{r|l} 8 & 2 \\ \hline & 4 \end{array}$$

$$\begin{array}{r|l} 6 & 3 \\ \hline & 2 \end{array}$$

$$\begin{array}{r|l} 4 & 2 \\ \hline & 2 \end{array}$$

$$\begin{array}{r|l} 5 & 1 \\ \hline & 5 \end{array}$$

$$\begin{array}{r|l} 2 & 1 \\ \hline & 2 \end{array}$$

$$\begin{array}{r|l} 7 & 1 \\ \hline & 7 \end{array}$$

$$\begin{array}{r|l} 3 & 3 \\ \hline & 1 \end{array}$$

$$\begin{array}{r|l} 9 & 9 \\ \hline & 1 \end{array}$$

$$\begin{array}{r|l} 6 & 1 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 2 & 2 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 4 & 1 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 6 & 2 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 5 & 5 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 7 & 7 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 8 & 4 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 9 & 3 \\ \hline & \end{array}$$

**TELEMET TAN 38:**

Tuzunt wa iha asəfnək

Əgrəwad du tuzunt ta.

$$\begin{array}{r|l} 15 & 2 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 17 & 3 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 19 & 6 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 10 & 3 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 44 & 6 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 52 & 7 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 27 & 4 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 54 & 7 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 63 & 6 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 6 & 2 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 95 & 26 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 18 & 4 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 24 & 5 \\ \hline & \end{array}$$



**TĚLEMĚT TAN 39:**

Tuzunt ta iha asĕfnĕk ilan 3 \$lxĕrĕfan win tazannen, ĕššin 2 win tuzĕnt.

Ĕgrĕwad du tuzunt ta.

$$\begin{array}{r|l} 175 & 12 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 235 & 22 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 843 & 52 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 472 & 1 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 642 & 15 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 2134 & 35 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 4550 & 30 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 664 & 24 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 4816 & 26 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 592 & 49 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 7960 & 62 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 825 & 43 \\ \hline & \end{array}$$

## TELEMET TAN 40:

Telest ta zəwwərat

Əgrəwad du əlxisab wa.

$$\begin{array}{r} 19 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 362 \\ + 454 \\ \hline \end{array}$$

$$\begin{array}{r} 1864 \\ + 3540 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 729 \\ - 314 \\ \hline \end{array}$$

$$\begin{array}{r} 2420 \\ - 1540 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 230 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 592 \\ \times 160 \\ \hline \end{array}$$

$$\begin{array}{r|l} 68 & 9 \\ \hline \end{array}$$

$$\begin{array}{r|l} 450 & 22 \\ \hline \end{array}$$

$$\begin{array}{r|l} 6760 & 16 \\ \hline \end{array}$$

## TAQQANT :

1. Day tanəmənnəka, nasan Ayali izzənzad du marawa buhutan əd səmmos (15) ən tamaqqost tan azaman ak buhu əhan tu səmmosat (50) təmərwen ən kilo, ak kilo izza tu səmmosat təmərwen əd səmmos (65).

Manaket d-ənzan buhutan kul ?

Əzəl n-əssuk, izzənzin ak buhu karad gin əd səmmosat təmad (3500).

Manaket igraw day riba ?

Riba ən manaket a igraw fel ak buhu?

2. Iyan aləs ilan kadewat təmərwen ən tast əd səmmosat (35) izzənza du əsnatat təmərwen ən təkəst (20) n-asaləy. Ak təkəst taha əssayat təmərwen əd səmmos (75) n-əriyal

Manaket d-inza asaləy wen?

Ak tast tətallay təkəst iyat.

Manaket manaket təkəsa as ihor ad-acinat?

Alwaq wa s iqqal əssuk ak təkəst taşşota azrəf əs maraw əd səmmos (15).

- Manaket d-izzenza asaləy wa d-ocan?
- Manaket inya day asaləy ket net?
- Manaket inya I əkəlluk ən tast?