

# Alhisaab

## Alkitabab Algirayo

### Shulindu 2

# Alhisaab

## Alkitabá Algirayo

### Shulindu 2

Maaba shak'alone

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Maabí mus'one hú

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4. Shamsadíín Mahammád

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Binishangul Gumuz

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## Ak'us'o d'uk'únúñ

1 . Animírá zíí thandulegu le thá 100 thatháp' u negaza

1.1 Animírá zíí thandulegú le tha 20 thatháp' u negasa u tání animírá zíí thandulegu le tha 100 ayu motha

1.1.1 Animírá zíí thandulegu le thá 20 thatháp' u negasa

A. Animira zii thandulegu le tha 20 thá thap' ayu motha

$$\begin{array}{|c|} \hline \circ \circ \\ \hline \circ \circ \\ \hline \end{array} + \begin{array}{|c|} \hline \circ \circ \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \circ \circ \circ \\ \hline \circ \circ \circ \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \circ \circ \circ \\ \hline \circ \circ \circ \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \circ \circ \circ \\ \hline \circ \circ \circ \\ \hline \end{array} + \begin{array}{|c|} \hline + \\ \hline \end{array} = \begin{array}{|c|} \hline \circ \circ \circ \\ \hline \circ \circ \circ \\ \hline \circ \circ \circ \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \circ \\ \hline \circ \circ \\ \hline \circ \circ \\ \hline \end{array} = \begin{array}{|c|} \hline \circ \circ \circ \\ \hline \circ \circ \circ \\ \hline \circ \circ \circ \circ \\ \hline \end{array}$$

A	I	A+I
2	3	2+3 = 5
3	5	
6	4	
11	5	
4	15	
5	15	

qi geera 1

1. Sharfatha animirale zii thandúlegu thámbá thap'ilágu

Mithal 4 Sharfata thámbá thap'ilagú  $4 = 0+4$

$$4 = 1+3$$

$$4 = 2+2$$

$$4 = 3+1$$

I. 3          A. 6          M, 5          L, 7    D, 8

q 12          G 10          E, 0

2, Ahóratha aña wala mayu mothá mbálegu

Mithal I,  $2+4 = 6$

2u 4 mba athap'u wolagu

6 mba thap'uoqi mmane

A,  $3+5 = 8$

3 u 5 mba athapuolagu mmaamaré

8 mba thap'uoqi mmaane

1.  $2+3 =$  \_\_\_\_\_ , mbá athap'uolagu \_\_\_\_\_ u \_\_\_\_\_ mmámaré

2.  $3+4 =$  \_\_\_\_\_ , mbá athap'uolagu \_\_\_\_\_ u \_\_\_\_\_ mmámaré

3.  $4+6 =$  \_\_\_\_\_ , mbá athap'uolagu \_\_\_\_\_ u \_\_\_\_\_ mmámaré

4.  $6+7 =$  \_\_\_\_\_ , mbá athap'uolagu \_\_\_\_\_ u \_\_\_\_\_ mmámaré

5.  $9+10 =$  \_\_\_\_\_ , mbá athap'uolagu \_\_\_\_\_ u \_\_\_\_\_ mmámaré

### 3. tha thathap' ahoratha asandu'k'a ziiyundule

+	0	1	2	3	4	5	6	7	8	9	10
0											
1		2									
2											
3				6					11		
4											
5											
6											
7											
8			10					15			
9											
10											20

#### At'ap'aqa thathap'ú

Mithal I,  $4+5 = 9$  ;  $5+4 = 9$

A,  $7+3 = 10$ ;  $3+7 = 10$

Thamathá thaalíyu

Animírá zíí thandulegú mbá thap'lagu holloñoníñ

Asáqa thap'iñanégu ma malúulo añiyugu wala

Thohí mba thap'uwoqi

mithal  $A+I = M$  ;  $I+A = M$



qi geera 2

1. k'aba'tha mbá thap'u woqí =

2. 1.  $10 + 0 =$  \_\_\_\_\_

2.  $13 + 4 =$  \_\_\_\_\_

3.  $15 + 4 =$  \_\_\_\_\_

4.  $12 + 3 =$  \_\_\_\_\_

5.  $16 + 2 =$  \_\_\_\_\_

6.  $17 + 3 =$  \_\_\_\_\_

2. k'aba'tha mbá thap'uwoqi

1.  $2 + 3 + 5 =$  \_\_\_\_\_

2.  $4 + 5 + 6 =$  \_\_\_\_\_

3.  $3 + 9 + 6 =$  \_\_\_\_\_

4.  $7 + 6 + 7 =$  \_\_\_\_\_

5.  $6 + 5 + 3 =$  \_\_\_\_\_

6.  $2 + 8 + 7 =$  \_\_\_\_\_

3, k'ap'atha animirá mathi tha aña "A"yu

Mithal I,  $3 + A = 7$        $A = 4$       nanoqi  $3 + 4 = 7$

A.  $3 + A = 8$        $A = 5$       nanoqi  $3 + 5 = 8$

1.  $A + 6 = 11$ ;  $A =$  \_\_\_\_\_

2.  $0 + A = 14$   $A =$  \_\_\_\_\_

3.  $17 + A = 19$ ;  $A =$  \_\_\_\_\_

4.  $A + 10 = 20$   $A =$  \_\_\_\_\_

5.  $15 + A = 20$ ;  $A =$  \_\_\_\_\_

6.  $3 + 6 + A = 15$   $A =$  \_\_\_\_\_

7.  $A + 68 = 19$ ;  $A =$  \_\_\_\_\_

8.  $6 + 3 = A + 8$   $A =$  \_\_\_\_\_

**animirá zí thadulegu ásheruwa (agoruwa)**

Mithal I,  $2 + 3 = 5$       A/  $3 + 4 < 8$       M/  $4 + 5 > 8$

qi geera 3

Asheruthá anímírálegu

1/  $6 + 5$  \_\_\_\_\_ 11    2/  $7 + 6$  \_\_\_\_\_ 14    3/  $7 + 8$  \_\_\_\_\_ 14

4/  $7 + 8$  \_\_\_\_\_ 16    5/  $9 + 7$  \_\_\_\_\_ 13    6/  $8 + 9$  \_\_\_\_\_ 17

**A. Animirá zí thandulegu le thá 20 nagasa**

Mithal I /  $6 - 2 = 4$

A /  $7 - 3 = 4$

M /  $11 - 3 = 8$

L /  $15 - 5 = 10$

Thamatha thaalíyu

$8 - 3 = 5$  tha rotha s'uriñileyu

$8 =$  mba nagazila  $3 =$  mba nagazi u

$5 =$  mba gashi ñinañ s'ulanégu

Qi geera 4

I/ Mothathá mothá ma ase tha añaleyugu.

1/  $11 - 0 =$  \_\_\_\_\_

2/  $12 - 1 =$  \_\_\_\_\_

3/  $13 - 3 =$  \_\_\_\_\_

4/  $15 - 3 =$  \_\_\_\_\_

5/  $12 - 5 =$  \_\_\_\_\_

6/  $15 - 4 =$  \_\_\_\_\_

7/  $16 - 3 =$  \_\_\_\_\_

8/  $17 - 3 =$  \_\_\_\_\_

9/  $16 - 7 =$  \_\_\_\_\_

10/  $17 - 6 =$  \_\_\_\_\_

11/  $17 - 9 =$  \_\_\_\_\_

12/  $19 - 4 =$  \_\_\_\_\_

13/  $19 - 8 =$  \_\_\_\_\_

14/  $19 - 19 =$  \_\_\_\_\_

15/  $20 - 9 =$  \_\_\_\_\_

16/  $20 - 10 =$  \_\_\_\_\_

A/ tha nagaza ahoratha asanduk'a ziiyúndúle

-	1	2	3	4	5	6	7	8	9
10									
11									
12		10							
13					8				

14									5
15						9			
16									
17			14						
18								10	
19									

### **Rothá d’oshúyu**

Mithal Ahulañ áda tha suugu na shíbiló mia 6 u merere 8. giñ bushu mba kamushibí lólá hulañ k’illiñ?

$$6+8 = 14$$

1. Mussa thik’a 8 ríyal min aña ziiabbune u 5 ríyal mín aña zíí didine .  
fuudá kamu thik’al amussa?
2. Hawa shibiló alemun alu 10 yoma asabit u 7 yóma alqahal. Kamu alemun shibilala Hawalu thá yómen?
3. Ashuni gidá alkarása 6 a agudiné thap’o ñineqi 9. alkarása kamu gidila Ashuni k’illiñ?
4. Halima gezo anzúm arealu 9 u mahammad are alu 8. Anzum kamu mba gazo geedile?

hasí shíñ qihúlúwa thathap’u máre negaza ñinañ húshólñá tháñ

$$7- 2 = 5 \quad \text{nanoqí} \quad 2+5 = 7$$

$$12- 9 = 3 \quad \text{nanoqí} \quad 9+3 = 12$$

qi geera 5

I/ mothatha thalmithalale

$$\text{Mithal I/ } 9-3 = 6 \text{ nanoqí} \quad 3+6 = 9$$

$$\text{A/ } 10-5 = 5 \text{ nanoqí} \quad 5+5 = 10$$

$$1/ 10- 7 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$2/ 11- 5 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$3/ 12- 6 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$4/ 13- 5 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$5/ 14- 7 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$6/ 15- 7 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$7/ 16- 7 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$8/ 17- 8 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$9/ 18- 9 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

$$10/ 19- 6 = \underline{\hspace{2cm}} \div \text{ nanoqí } \underline{\hspace{2cm}}$$

A/ k'abátha alhisaba mathi tha añá "T" yu mbá ahór rotha s'uriñilegu maase.

$$1/ 12- 3 = I \div I = \underline{\hspace{2cm}}$$

$$2/ 12- 3 = I \div I = \underline{\hspace{2cm}}$$

$$3/ 12- 11 = I \div I = \underline{\hspace{2cm}}$$

$$4/ 16- 9 = I \div I = \underline{\hspace{2cm}}$$

$$5/ 14- 11 = I \div I = \underline{\hspace{2cm}}$$

$$6/ 15- I = 9 \div I = \underline{\hspace{2cm}}$$

$$7/ 13- 5 = 4+I \div I = \underline{\hspace{2cm}}$$

$$8/ 5- I = 9 \div I = \underline{\hspace{2cm}}$$

$$9/ 4+ I = 10-4 \div I = \underline{\hspace{2cm}}$$

$$10/ 10- 10= I +0 \div I = \underline{\hspace{2cm}}$$

M/ mothatha thal mathalale

$$\text{Mithal I/ } D-G = 8 \div \quad D= 10 \text{ mamane } G= 2$$

$$A/ N- B = 11 \div \quad N= 18 \text{ mamane } B= 7$$

$$1/ A- L = 15 \div \quad A = 15 \text{ mamane } L = \underline{\hspace{2cm}}$$

$$2/ A- I = 7 \div \quad A = 19 \text{ mamane } I = \underline{\hspace{2cm}}$$

$$3/ I-A = 0 \div \quad I = 9 \text{ mamane } A = \underline{\hspace{2cm}}$$

$$4/ I- A = 4 \div \quad I = 10 \text{ mamane } A = \underline{\hspace{2cm}}$$

L/ Asherutha tha mbalegu “<, >, walla tha = ”

Mithal I 7- 4 = 3    A, 8-5 <4    M/ 9-6 > 2

1/ 8- 5 = \_\_\_\_\_ 3                      2/ 9- 5 \_\_\_\_\_ 5

3/ 11- 6 = \_\_\_\_\_ 7                      4/ 11- 9 \_\_\_\_\_ 3

5/ 16- 7 = \_\_\_\_\_ 10                      6/ 15- 10 \_\_\_\_\_ 5

7/ 17- 8= \_\_\_\_\_ 10                      8/ 18 - 11 \_\_\_\_\_ 7

9/ 19- 12 = \_\_\_\_\_ 4                      10/ 20- 14 \_\_\_\_\_ 2

11/ 20- 6 = \_\_\_\_\_ 13                      12/ 20- 14 \_\_\_\_\_ 7

13/ 20- 5 = \_\_\_\_\_ 20                      14/ 20- 10 \_\_\_\_\_ 10

15/ 15- 15 = \_\_\_\_\_ 15                      16/ 18- 6 \_\_\_\_\_ 12

17/ 19- 4 = \_\_\_\_\_ 15                      18/ 9- 5 \_\_\_\_\_ 10

10/19- 17 = \_\_\_\_\_ 5                      20/ 20- 18 \_\_\_\_\_ 11

Rotha d’oshúyu

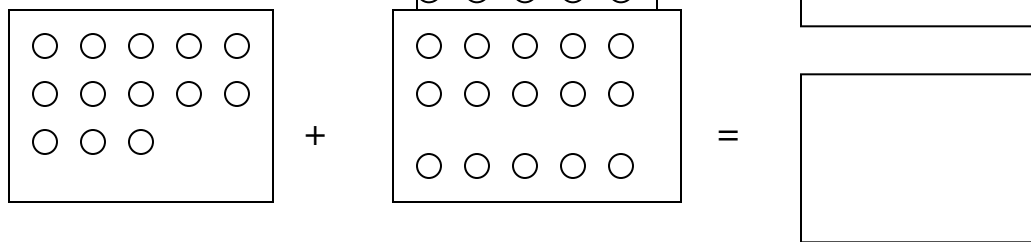
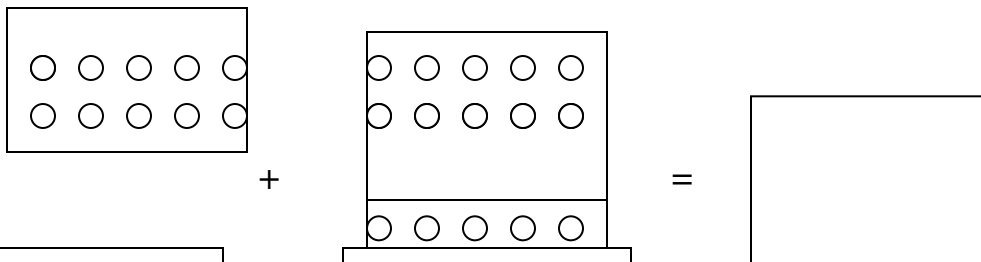
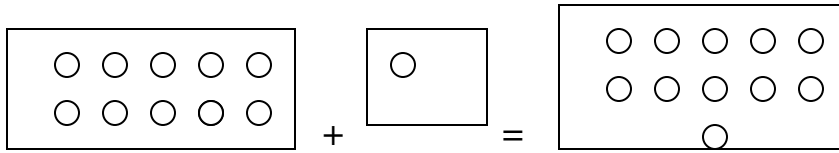
Mitha ágido 8 ríyal 3riyal nadalí agudiyeqi kamu gashigeqí?

$$8- 3 = 5$$

1. Álí dama 13 ríyal tha suugueqí 4 ríyal nashibí a mís’e huhulu thán.  
Kám ríyal gashí ñineqí?
2. Abba giida merere 14 nashibilalu 8 mererí kamu mba gashí ñineqi?
3. Á gído alburtukan 16 na daalí ahap’ueqi 7 alburtukan kamu  
gashigeqi?
4. tha Asossa tha hospitalu maabí bad’igu 15 mba thikaddawa 7.  
kamugu mba wala thik’a addawa?
5. maaba p’alí gídí gáasha 18 shawal na bak’a 9 shawal u mba daaré na  
shibilalu. Kam shawál mba shibilanalu?

1.1.2 6Animira zii thandule le thá 100 thathap' u negaza

I/ Animira zii thandule le 100 thatháp



qi geera 6

1/ mothátha thal mithalale

$10+10 = 20$

1/  $20+10 = \underline{\hspace{2cm}}$

2/  $30+10 = \underline{\hspace{2cm}}$

3/  $40+20 = \underline{\hspace{2cm}}$

4/  $50+10 = \underline{\hspace{2cm}}$

5/  $60+20 = \underline{\hspace{2cm}}$

6/  $70+10 = \underline{\hspace{2cm}}$

7/  $80+20 = \underline{\hspace{2cm}}$

8/  $90+10 = \underline{\hspace{2cm}}$

3. Geeratha animírá makatabalegú thálhuruf háthú katabathá thá animírá

Mithal sitau sabaqin = 76

Tamaaniáu tisaqin = 98

- |                         |                           |
|-------------------------|---------------------------|
| 1. saba t'áshar _____   | 2/arbao talatín _____     |
| 3. sitau arbaqín _____  | 4/Tamaaniau sabaqin _____ |
| 5/ talatau tisaíq _____ | 6/ Tise t'áshár _____     |
| 7/ wahidu arbaqín _____ | 8/sitau hamsín _____      |
| 9/ Tamaanín _____       | 10/Tisau tisaqín _____    |

4. Geeratha anímíralegú hathu katabatha thalhuruf

Mithal 34 = arbau talatin

41 wahidu arbaqin

- |             |              |             |
|-------------|--------------|-------------|
| 1. 22 _____ | 2 . 35 _____ | 3. 44 _____ |
| 4. 55 _____ | 5 . 66 _____ | 6. 73 _____ |
| 7. 82 _____ | 8 . 97 _____ | 9. 91 _____ |

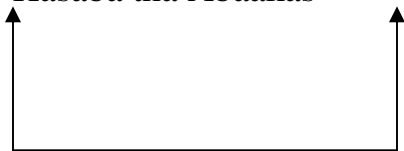
4. motha tha thalmithalegu

Mithal I. 45 = 4 asháragu 5 d'uk'unuñgú

A. 67 = 6 asháragu 7 d'uk'unuñgú

- |               |          |         |             |
|---------------|----------|---------|-------------|
| 1. 30 = _____ | asháragu | ú _____ | d'uk'unúñgu |
| 2. 54= _____  | asháragu | ú _____ | d'uk'unúñgu |
| 3. 63 = _____ | asháragu | ú _____ | d'uk'unúñgu |
| 4. 76 = _____ | asháragu | ú _____ | d'uk'unúñgu |
| 5. 80 = _____ | asháragu | ú _____ | d'uk'unúñgu |
| 6. 89 = _____ | asháragu | ú _____ | d'uk'unúñgu |

Hasaba tha Abaakas



Shul asharó

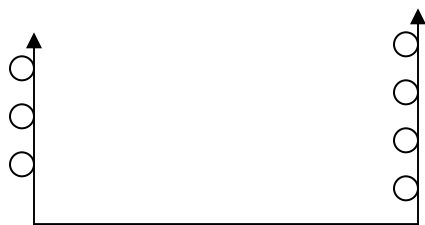
shul d'uk'unuñu

ashara

talata

holoñoniñ holloñoniñgu





shul asharo

shúl d'uk'unúñu

giñ le abaakas íne. Abaakasale gidí buwa ásharó u buwa d'uk'unuñú. Tha buwa ásharóyu giñ hasabila 3 tha buwa d'uk'unuñuyu giñ hasabila 4 nagidíne. yaní tha abaakasaleyu animira 34 ñinañ madiñaqi.

**qi geera 7**

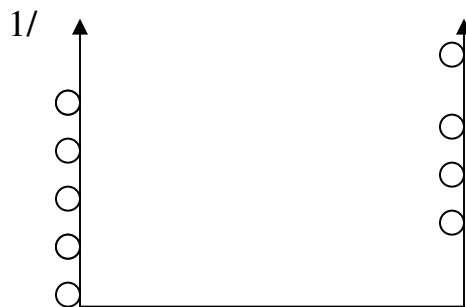
I. Animira zii tha abaakasalu katabatha tha abaakas hú

Mithal

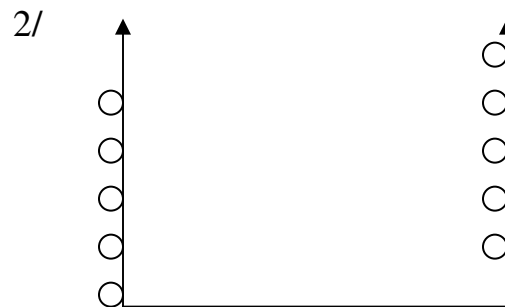


4 Asharagu

3 d'uk'unuñgu

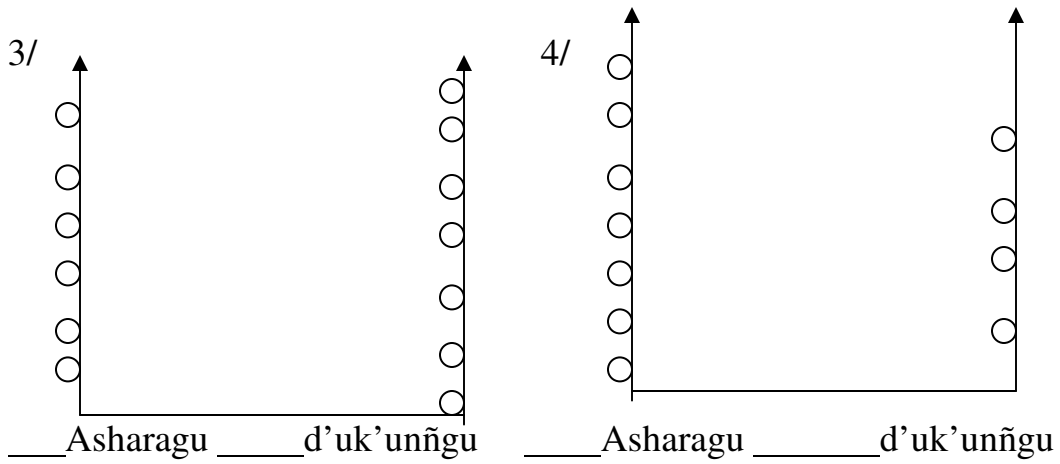


\_\_\_ Asharagu \_\_\_ d'uk'unñgu

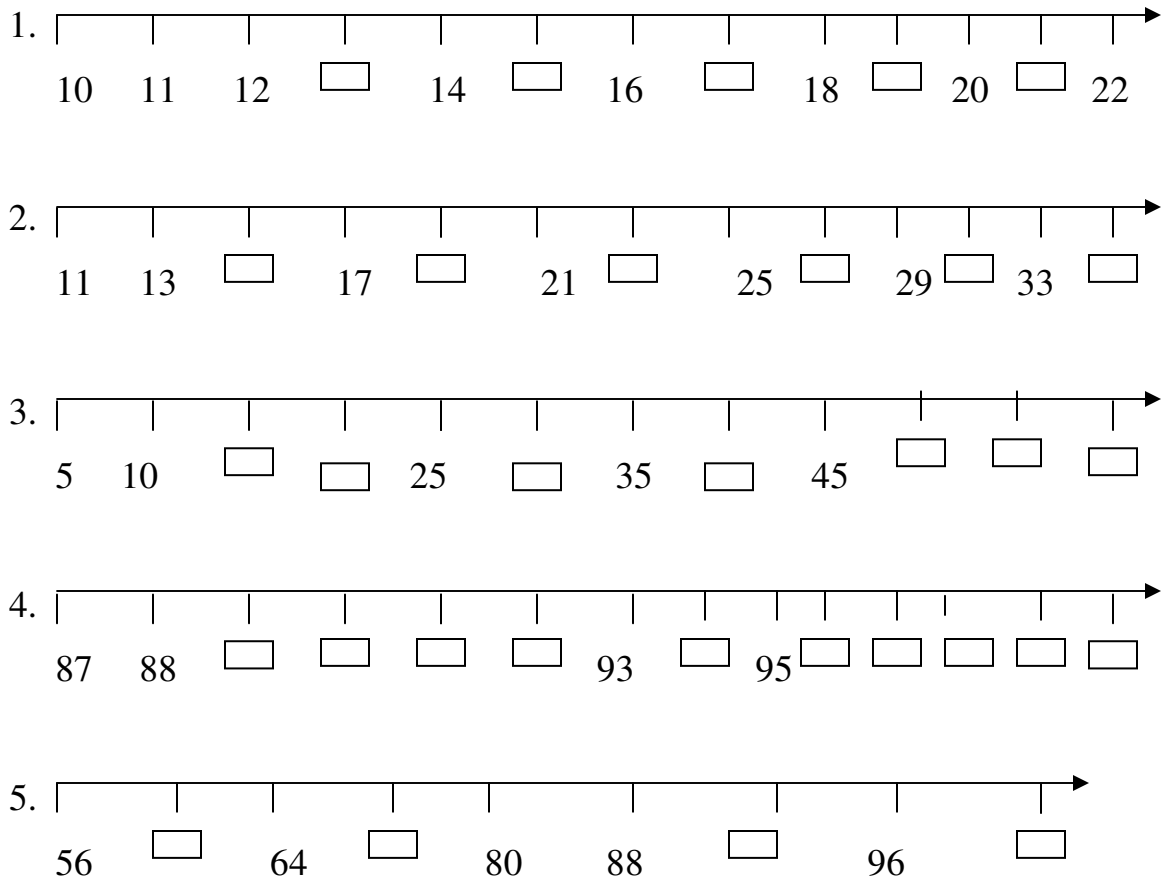


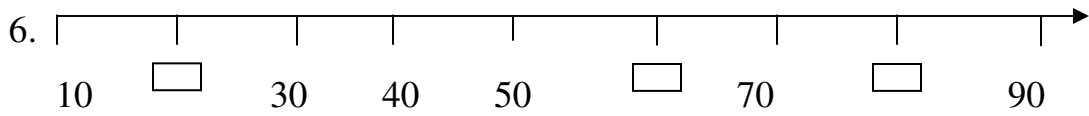
\_\_\_ Asharagu \_\_\_ d'uk'unñgu





A/ Geeratha animira ma alu gugud'ĩnãlegú tha múnadí alhisabuyú hathú mothatha tha sandúk'áleyugu





M/ Ayú tha animira alú búraláyugu lik'a thalugu mbá k'os'í (nam baala)

Mithal 24 ÷ 46 ÷ 28 ÷ 13

1/ 37 ÷ 68 ÷ 41 ÷ 13

2/ 57 ÷ 62 ÷ 64 ÷ 89

3/ 53 ÷ 54 ÷ 57 ÷ 59

4/ 76 ÷ 94 ÷ 88 ÷ 95

5/ 93 ÷ 88 ÷ 92 ÷ 87

6/ 85 ÷ 91 ÷ 97 ÷ 99

L/ Ayú tha animira alú búraleiyugu lik'athalugu mbá d'añi

Mithal 8 ÷ 76 ÷ 88 ÷ 98

1/ 22 ÷ 32 ÷ 42 ÷ 52

2/ 58 ÷ 28 ÷ 38 ÷ 83

3/ 49 ÷ 94 ÷ 88 ÷ 84

4/ 82 ÷ 28 ÷ 70 ÷ 87

5/ 64 ÷ 46 ÷ 19 ÷ 91

6/ 69 ÷ 96 ÷ 67 ÷ 76

7/ 86 ÷ 66 ÷ 55 ÷ 38

8/ 18 ÷ 81 ÷ 27 ÷ 72

Animiragu gadarña añ madiñaqi mba thap'uoqi thámbá thap'ilagu

Mithal 1/ 38 = 30 + 8

Mithal 2/ = 96 = 90 + 6

\_\_\_\_\_ = 31 + 7

\_\_\_\_\_ = 91 + 5

\_\_\_\_\_ = 32 + 6

\_\_\_\_\_ = 92 + 4

\_\_\_\_\_ = 33 + 5

\_\_\_\_\_ = 93 + 3

\_\_\_\_\_ = 34 + 4

\_\_\_\_\_ = 94 + 2

\_\_\_\_\_ = 35 + 3

\_\_\_\_\_ = 95 + 1

\_\_\_\_\_ = 36 + 2

\_\_\_\_\_ = 96 + 0

\_\_\_\_\_ = 37 + 1

holigu millañ

\_\_\_\_\_ = 38 + 0

holigu millañ

qi geera 8

Ahorathá añaleyugú

$$1/48 = 40 + \underline{\hspace{2cm}}$$

$$= 42 + \underline{\hspace{2cm}}$$

$$= 44 + \underline{\hspace{2cm}}$$

$$= 46 + \underline{\hspace{2cm}}$$

$$= 48 + \underline{\hspace{2cm}}$$

$$= 45 + \underline{\hspace{2cm}}$$

$$2/66 = 60 + \underline{\hspace{2cm}}$$

$$= 61 + \underline{\hspace{2cm}}$$

$$= 62 + \underline{\hspace{2cm}}$$

$$= 63 + \underline{\hspace{2cm}}$$

$$= 64 + \underline{\hspace{2cm}}$$

$$= 65 + \underline{\hspace{2cm}}$$

$$3/76 = 70 + \underline{\hspace{2cm}}$$

$$= \underline{\hspace{1cm}} + 5$$

$$= \underline{\hspace{1cm}} + 4$$

$$= \underline{\hspace{1cm}} + 3$$

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

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

$$= \underline{\hspace{1cm}} + 0$$

$$4/87 = 80 + \underline{\hspace{2cm}}$$

$$= 81 + \underline{\hspace{2cm}}$$

$$= 82 + \underline{\hspace{2cm}}$$

$$= 83 + \underline{\hspace{2cm}}$$

$$= 84 + \underline{\hspace{2cm}}$$

$$= 85 + \underline{\hspace{2cm}}$$

$$= 86 + \underline{\hspace{2cm}}$$

$$5/89 = 80 + \underline{\hspace{2cm}}$$

$$= 81 + \underline{\hspace{2cm}}$$

$$= 82 + \underline{\hspace{2cm}}$$

$$= 83 + \underline{\hspace{2cm}}$$

$$= 84 + \underline{\hspace{2cm}}$$

$$= 85 + \underline{\hspace{2cm}}$$

$$= 86 + \underline{\hspace{2cm}}$$

$$= 87 + \underline{\hspace{2cm}}$$

$$= 88 + \underline{\hspace{2cm}}$$

$$6/95 = \underline{\hspace{2cm}} + 5$$

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

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

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

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

$$= \underline{\hspace{2cm}} + 0$$

$$\begin{aligned}
7/ 85 &= 80+ \underline{\hspace{2cm}} \\
&= 81 + \underline{\hspace{2cm}} \\
&= 82 + \underline{\hspace{2cm}} \\
&= 83 + \underline{\hspace{2cm}} \\
&= 84 + \underline{\hspace{2cm}} \\
&= 85 + \underline{\hspace{2cm}}
\end{aligned}$$

$$\begin{aligned}
8/ 95 &= 90+ \underline{\hspace{2cm}} \\
&= 91+ \underline{\hspace{2cm}} \\
&= 92+ \underline{\hspace{2cm}} \\
&= 93+ \underline{\hspace{2cm}} \\
&= 94+ \underline{\hspace{2cm}} \\
&= 95+ \underline{\hspace{2cm}}
\end{aligned}$$

Animira gii giida u saláfá tha thathap'!U tha negasá mín thambá zíaréalú holloñoniñalu mbá zii aréalú d'uk'unuñ

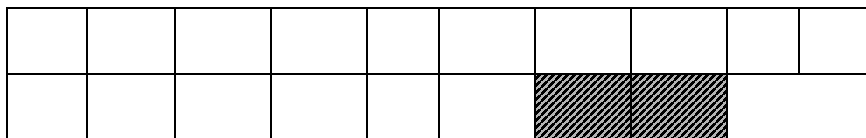
Animira wala gii giida min thámba zii aré alu hollóoniñ U mba zíí aré alu d'uk'unuñ tha thathap'

**qi geera 9**

1. rothatha anímirálegu mbá thap'uqigú

$$\begin{array}{lll}
1. 3+2 = \underline{\hspace{2cm}} & 2/ 0+4 = \underline{\hspace{2cm}} & 3/ 4+4 = \underline{\hspace{2cm}} \\
4. 5+2 = \underline{\hspace{2cm}} & 5/ 5+4 = \underline{\hspace{2cm}} & 6/ 7+1 = \underline{\hspace{2cm}} \\
7. 4+3 = \underline{\hspace{2cm}} & 8/ 8+1 = \underline{\hspace{2cm}} & 9/ 17+2 = \underline{\hspace{2cm}}
\end{array}$$

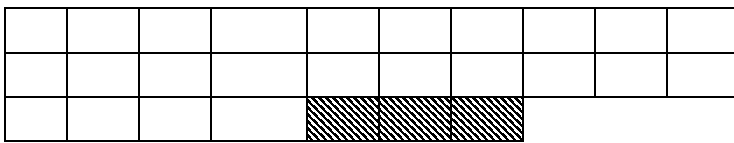
Mithal 1/ 16 u 2 asaqa athap'uñaqi alqawal 6 u 2 ñinañ athap'uñaqi  
 $6+2 = 8$  nanoqíí  $16+2 = 18$



Tha sharfata gadarña añ athap'uqi

$$\begin{array}{r}
16 \\
+2 \\
\hline
\end{array}
\qquad
\begin{array}{r}
16 \\
+2 \\
\hline
18
\end{array}
\qquad
\begin{array}{r}
= 10+6 \\
+ 2 \\
\hline
10+8
\end{array}$$

Mithal 2/  $24+3 =$  \_\_\_\_\_



$$\begin{array}{r} 24 \\ +3 \\ \hline 27 \end{array} = \begin{array}{r} 20+4 \\ + 3 \\ \hline 20+7 \end{array}$$

$$24+3 = 27$$

qi geera

1/ Geera thá animírá makatabalegu mashuriñi hathu k'ap'a tha mbá thap'uoqí

$$\begin{array}{r} 1/ 16 \\ +2 \\ \hline \end{array} \qquad \begin{array}{r} 2/ 15 \\ + 2 \\ \hline \end{array} \qquad \begin{array}{r} 3/ 16 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4/ 18 \\ +1 \\ \hline \end{array} \qquad \begin{array}{r} 5/ 24 \\ + 3 \\ \hline \end{array} \qquad \begin{array}{r} 3/ 27 \\ +3 \\ \hline \end{array}$$

2/ mothátha asanduk'a ziyuundu thá tháp'ule ma p'sihí

+	1	2	3	4	5	6	7	8	9	10
10										
20			23							
30										
40										
50					55					
60										
70								78		
80										
90										100

3/ asanduk'a añiyulegu motháthá

1/  $22 + \square = 25$

2/  $33 + \square = 33$

3/  $51 + \square = 59$

4/  $\square + 51 = 57$

5/  $\square + 85 = 89$

6/  $92 + \square = 96$

7/  $89 + 10 = \square$

8/  $92 + 13 = \square$

Rotha d'oshúyú

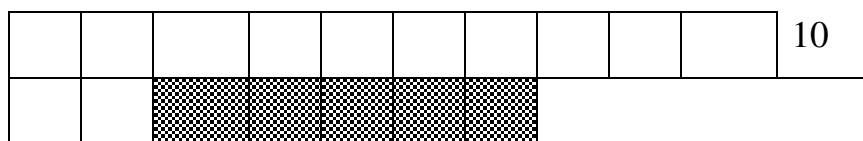
Mithal Ibrahim gida miágú 13 u merí 6. giñ buushú kamu gidine?

$13 + 6 = 19$

1. Asadik faas'á almángagú 22 yoma alltnen u ma faas'ane táání yoma atalata 7 almangagu kamu faas'one k'illiñ?
2. thalmarásámáñú míhí agarañ holí 12 u máábí agarañí na faalé 8. maabíagarañí kamu holí thalmararasloyú?
3. Abba ma dáágé 42 riyal u Amma ma thap'age 6 riyál, kam riyál gídílí k'illiñ?
4. Abba mahamméd ma shibila miyalu thá 51 riyál u mes'álu thá 8 riyál kamu fuudá gidíne k'illiñ?

Animírá zíí thandulegú mbá walá gii salafa min tha animírá zíí thandulegu mbá zíí are álu holloñoniñ alu nagaza thá animírá zíí thandule mbá zíí are alu d'uk'únúñ

Mithal      17       $7 - 5 = 2$   
                 - 5       $17 - 5 = 12$   
                 12       $17 - 5 = 12$  nanoqí  $12 + 5 = 17$



qi geera 11

1. k'ap'atha Animírálegú mba gáshi. Motháñgama Geerathethá thathap'

$$\begin{array}{r} \text{mithal } 16 \\ - 3 \\ \hline 13 \end{array} \qquad \text{nanoqi} \qquad 13+3 = 16$$

$$\begin{array}{r} 1/ 17 \\ - 4 \\ \hline \end{array} \qquad \begin{array}{r} 2/ 19 \\ - 6 \\ \hline \end{array} \qquad \begin{array}{r} 3/ 24 \\ - 4 \\ \hline \end{array} \qquad \begin{array}{r} 4/ 26 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5/ 27 \\ - 4 \\ \hline \end{array} \qquad \begin{array}{r} 6/ 28 \\ - 3 \\ \hline \end{array} \qquad \begin{array}{r} 7/ 29 \\ - 5 \\ \hline \end{array} \qquad \begin{array}{r} 8/ 37 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9/ 48 \\ - 7 \\ \hline \end{array} \qquad \begin{array}{r} 10/ 55 \\ - 5 \\ \hline \end{array} \qquad \begin{array}{r} 11/ 59 \\ - 7 \\ \hline \end{array} \qquad \begin{array}{r} 12/ 69 \\ - 8 \\ \hline \end{array}$$

2/ k'ap'atha animira gíí rothá s'uriñilegú ma ase hathú mothá thá thá sanduk'áléyú

$$\text{Mithal } 1/ 24 - \boxed{3} = 21$$

$$2/ \boxed{27} - 6 = 21$$

$$1/ 29 - \boxed{\phantom{00}} = 28$$

$$2/ 48 - \boxed{\phantom{00}} = 44$$

$$3/ 67 - \boxed{\phantom{00}} = 63$$

$$4/ 85 - \boxed{\phantom{00}} = 81$$

$$5/ 69 - \boxed{\phantom{00}} = 64$$

$$6/ \boxed{\phantom{00}} - 4 = 53$$

$$7/ \boxed{\phantom{00}} - 6 = 82$$

$$8/ \boxed{\phantom{00}} - 5 = 50$$

$$9/ \boxed{\phantom{00}} - 2 = 86$$

$$10/ \boxed{\phantom{00}} - 5 = 82$$

$$11/ 69 - \boxed{\phantom{00}} = 61$$

$$12/ 88 - \boxed{\phantom{00}} = 84$$

$$13/ \boxed{\phantom{00}} - 6 = 70$$

$$14/ 89 - \boxed{\phantom{00}} = 81$$

3/ móthá thá asandúk'á ziyundu negasólé

-	1	2	3	4	5	6	7	8	9	10
19					14					
29			26							
39										
49									40	
59						53				
69				65						
79										
89						83				
99										89

**Rotha d'oshúyú**

**Mithal** :- kamál faas'á album hú 56. hú 5 wala bade kamu albuñ hú bada ñineqí?

$$56 - 5 = 51$$

1. Hawa has'ula fuudá 56 riyal náádá thañ tha hospital lú ná shibilo adawa than 5 riyal. Kamú gashí ñineqí
2. Abdu gidí thañigu 87 min tham baleyu nashibilalu 5 thañ kamu gasha ñineqí?
3. Tha shuulindu d'uk'unuñú geedí garaqi 66 mma méré áñ mín tha méréyu mushañí 5 mmaaméré geedí fáálé kamu mbá huligú?
4. Abba has'ula 77 riyal tha suugueqi nashibiló Alkamis tha 7 riyál fuudá kamú dáára ñineqí?
5. Ágidi alemun are alu 98 má daalí ahap'ueqí 8kamu gashigeqi?



Animírá zíí thandulegu mbá gii giidá u salafa mín thamba zíí aré alu holloniñ ala mbá zíí are alu d'uk'únúñ tha thatháp'u thá negasa.

Animírá zíí thandulegú mbá gii giida u mbá zíí are alú holloñoniñ alú thaathap'tha mbá zii aréalu d'uk'únúñ.

Añ geerathá almíthalegú mba 8 u mba 5 shmbá thap'uoneqi má maadaña gadárña añ athap'uqigu muñunuñ

Mithal	1/ 8	2/ 18	3/ 28	4/ 38
	<u>+ 4</u>	<u>+4</u>	<u>+ 4</u>	<u>+ 4</u>
	12	22	32	42
	5 / 48	6/ 58	7/ 68	8/ 78
	<u>+ 4</u>	<u>+4</u>	<u>+ 4</u>	<u>+ 4</u>

## qi geera 12

1. shak'ala thá mbá tha p'uoqilegú

1.  $4+ 6 =$  \_\_\_\_\_      2/  $4+ 7 =$  \_\_\_\_\_      3/  $7+5 =$  \_\_\_\_\_

—

4.  $4+ 6 =$  \_\_\_\_\_      5/  $8+ 7 =$  \_\_\_\_\_      6/  $7+7 =$  \_\_\_\_\_

—

7.  $9+ 4 =$  \_\_\_\_\_      8/  $9+ 3 =$  \_\_\_\_\_      9/  $9+6=$  \_\_\_\_\_

—

10.  $9+ 7 =$  \_\_\_\_\_      11/  $9+ 8 =$  \_\_\_\_\_      12/  $9+9 =$  \_\_\_\_\_

2/ Animíralegú athap'uthaqígú

1 / 18	2/ 44	3/ 88	4/ 58
<u>+ 8</u>	<u>+8</u>	<u>+ 8</u>	<u>+ 7</u>

$$\begin{array}{r} 5 / 29 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 / 39 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 / 49 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 / 39 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 / 55 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 / 85 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 / 73 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 / 86 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 / 88 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 14 / 89 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 / 92 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 / 94 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 / 96 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 / 95 \\ +5 \\ \hline \end{array}$$

Thá sharfatá hatháñ gadarí áñ athap'uqí

$$\begin{array}{l} \text{Mithal 1. } 18 = 10 + 8 \\ \begin{array}{r} +6 \\ \hline \end{array} \quad \begin{array}{r} \quad +6 \\ \hline \end{array} \\ 24 = 10+14 \end{array}$$

$$\begin{array}{l} \text{Mithal 2. } 29 = 20 + 9 \\ \begin{array}{r} +7 \\ \hline \end{array} \quad \begin{array}{r} \quad +7 \\ \hline \end{array} \\ 36 = 20+16 \end{array}$$

### qi geera 13

1. Geeratha anímírá zíí aré alú hollononíñ hathú athap'ú thaqí tha shárfatá

$$\begin{array}{l} 1. 14 = \underline{\quad\quad} + \underline{\quad\quad\quad} \quad 2/ 17 = \underline{\quad\quad} + \underline{\quad\quad\quad} \\ \begin{array}{r} \underline{\quad\quad} + 6 \\ \hline \end{array} \quad + \underline{\quad\quad\quad} \quad \begin{array}{r} \underline{\quad\quad} + 7 \\ \hline \end{array} \quad + \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad\quad\quad\quad\quad\quad} \quad \underline{\quad\quad\quad\quad\quad\quad\quad\quad} \end{array}$$

$$3. \ 16 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$4/ \ 28 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$5. \ 22 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$6/ \ 35 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$7. \ 25 = \underline{\quad\quad} + \underline{\quad\quad}$$

$$\underline{+6} \quad + \underline{\quad\quad}$$


---

$$8/ \ 44 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$9. \ 39 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$10/ \ 63 = \underline{\quad\quad} + \underline{\quad\quad}$$

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


---

$$11. \ 68 = \underline{\quad\quad} + \underline{\quad\quad}$$

$$\underline{+6} \quad + \underline{\quad\quad}$$


---

$$12/ \ 49 = \underline{\quad\quad} + \underline{\quad\quad}$$

$$\underline{6} \quad + \underline{\quad\quad}$$


---

2/ thalmithálálé thá thatháp' shárfatathá Anímíralegú

Mithal 1. 26

+8

34

$8 + 6 = 14$

4 katabíla tha añá d'uk'unuñuyu ma p'ishi.

1 athap'ulaqi tha animira zíí thá añá

Asharoilé.

Mithal 2. 54

+8

62

53

+9

62

54

+9

63

1/ 17

+5

2/ 21

+9

3/ 22

+9

4/ 35

+9

5/ 39

+9

6/ 45

+6

7/ 48

+8

8/ 59

+6

9/ 68

+7

10/ 79

+9

11/ 76

+7

12/ 85

+8

### 3/ asanduk'a ziyunduyule ahórat ha tha animira ma ase

+	1	2	3	4	5	6	7	8	9	10
19										
29					34					
39			42						48	
49										

Rotha d'oashuyú

**Mithal** Ashéd d'uk'unuñ mayu s'is'ia' aré 34 ma thap'al alu tha s'ia'ia aré 8 kamu giine k'illíñ?

34

+8

42

1. Jáfar gída mererí 24 má shibilogané mererí 8 ma thap'análu tháñ mererí kamu gidine?
2. Hawá shibila sháfa tha 55 riyál, ashúráb thá 7 riyal k'illiñ baro fúuda kamu shuthanalu?
3. Abdela má shíbílá albuñ killo tha 28 riyál u asabún thá 6 riyál fuuda kamu adí shúthínálu?
4. tha paawé tha hospitalú maabí bad'ígú nafále 47 u na míhí 6 ma thik'a addawagu tha shaharu maabí kamu mba thik'ó addawagú k'illiñ?
5. mahammed fúúra alemún 64 u agudine baala shín fúura alemún 9 alemún kamu fúúura geedilegú méré holloñoníñ?
6. suád daaga abbuné 55 riyál u agudine 8 riyal fuudá kamu ñineqi k'illiñ?

**Animúra zí thandulegu mbá gí salafa u mbá zí aré alu holloñoníñ alu nagaz tha mba zí aré alu d'uk'únúñ.**

$$\text{Mithal } 23 = 20 + 3 = 10 + 13$$

$$34 = 30 + 4 = 20 + 14$$

$$56 = 50 + 6 = 40 + 16$$

$$44 = 40 + 4 = 30 + 14$$

$87 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

$89 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

$95 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

$99 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

### qi geerá

#### 1/ k'ap'athá mbá gashígú

Mithál I/  $11 - 1 = 10$

mithal A/  $15 - 4 = 11$

1.  $10 - 1 = \underline{\quad\quad\quad}$

2/  $10 - 6 = \underline{\quad\quad\quad}$

3.  $10 - 9 = \underline{\quad\quad\quad}$

4/  $11 - 1 = \underline{\quad\quad\quad}$

5.  $13 - 9 = \underline{\quad\quad\quad}$

6/  $14 - 7 = \underline{\quad\quad\quad}$

7.  $14 - 9 = \underline{\quad\quad\quad}$

8/  $15 - 7 = \underline{\quad\quad\quad}$

9.  $14 - 8 = \underline{\quad\quad\quad}$

10/  $16 - 8 = \underline{\quad\quad\quad}$

11.  $16 - 9 = \underline{\quad\quad\quad}$

12/  $18 - 7 = \underline{\quad\quad\quad}$

13.  $18 - 8 = \underline{\quad\quad\quad}$

14/  $18 - 9 = \underline{\quad\quad\quad}$

15.  $19 - 6 = \underline{\quad\quad\quad}$

16/  $19 - 7 = \underline{\quad\quad\quad}$

17.  $19 - 8 = \underline{\quad\quad\quad}$

18/  $19 - 9 = \underline{\quad\quad\quad}$

#### 2/ ahorathá asanduk'á ziyundu nagasolé

_	1	2	3	4	5	6	7	8	9	10
10				6						
21										
33							26			
42		40								
55									46	

64										
77					72					
86										
92								84		

Sharfatá mín tha animirá zíí aré álú holloñoníñu tha animira zii arélú  
d'uk'unuñueqi tha negasá

Mithal 1/ mín thá 42 álú 6 nagasá

$$42 = 30 + 12$$

$$\begin{array}{r} \underline{-6} \quad \underline{\quad -6} \quad (12-6=6) \\ 36 \quad 30+6 \end{array}$$

Áñ geere tha thatháp' 36 = 30 + 6

$$\begin{array}{r} \underline{+6} \quad \underline{\quad +6} \\ \underline{42} \quad \underline{30+12} \end{array}$$

Mithal 2/ 53 = 40 + 14

$$\begin{array}{r} \underline{-8} \quad \underline{\quad -8} \quad (14-8=6) \\ \underline{46} \quad \underline{40-6} \end{array}$$

Añgeeré tha thatháp' 46 = 40 + 6

$$\begin{array}{r} \underline{+8} \quad \underline{\quad +8} \\ \underline{54} \quad \underline{40+14} \end{array}$$

### qi geera 15

1/ nagasathagu tha sharfatá hathú geerathé mamase thá thatháp'

$$\begin{array}{ccc} 1/ 25 & 2/ 33 & 3/ 44 \\ \underline{-7} & \underline{-9} & \underline{-7} \end{array}$$

$$\begin{array}{ccc} 4/ 57 & 5/ 63 & 6/ 76 \end{array}$$

<u>- 8</u>	<u>- 7</u>	<u>- 8</u>
7/ 84	8/ 64	9/ 96
<u>- 8</u>	<u>- 9</u>	<u>- 9</u>

2/ nagasa animiralegu wala má sharfatí hathú geerath motháñgamaqí tha thatháp'

Mithal 1/ 23 mín tha 3 álú 7 nagasa wala gadarña

$$\begin{array}{r} \underline{- 7} \\ 23 \end{array}$$

yaní has'ula d'uk'unúñ mín tha ashara holloniñ alu añ giyá 3

$$\underline{- 7} \quad \text{ma } 13 \text{ añ baro negasa mín tha } 13 \text{ alú } 7$$

$$16 \quad 13 - 7 = 6 \text{ ashara d'uk'unuñá gashí añ kataba tha shúl}$$

asharoyú

Áñ geere thá thatháp' 16

$$\begin{array}{r} \underline{+ 7} \\ 23 \end{array}$$

Mithal 2. 34 - 8 = \_\_\_\_\_

34 mín ashara talatayu añ has'ula ashara d'uk'unúñ añ giya "4"

$$\underline{- 8} \quad \text{ma } 14 \quad \text{mín tha } 14 - 8 = 6 \text{ añ kataba } 6 \text{ tha shúl d'uk'ú nuñuyú}$$

$$\underline{26} \quad \text{ashara holloñoniña gashí añ kataba tha añ shúl asharoyú.}$$

Añ geere tha thatháp' 26

$$\begin{array}{r} \underline{+ 8} \\ 34 \end{array}$$

Mithal 3. 73 - 3 = \_\_\_\_\_ añ geeré tha tha tháp'

$$\begin{array}{r} 73 \\ 65 \end{array}$$



	$\frac{-8}{65}$	$\frac{+8}{73}$	
1/ 27		2/ 38	3/ 42
$\frac{-8}{}$		$\frac{-9}{}$	$\frac{-6}{}$
4/ 57		5/ 73	6/ 82
$\frac{-9}{}$		$\frac{-9}{}$	$\frac{-8}{}$
7/ 65		8/ 77	9/ 73
$\frac{-7}{}$		$\frac{-8}{}$	$\frac{-7}{}$
10/ 81		11/ 86	12/ 92
$\frac{-4}{}$		$\frac{-8}{}$	$\frac{-7}{}$
13/ 90		14/ 87	15/ 93
$\frac{-8}{}$		$\frac{-9}{}$	$\frac{-7}{}$

Rotha d'oshuyú

**Mithal:-** Babakír p'ála gáasha 25 shawal 8 shawal na shibilálu kámu b'ak'ané?

$$25 - 8 = 17$$

1. mín tha maabí bad'iyugú 48 ma yak'as'egu 9 maabí kamu gashí?
2. Abba gíida méri 35 na shibilalu 7 kamu gashá ñineqi?
3. Abba giida méri 35 na shibilalu 7 kamu gashá ñineqi?
4. ágíídí almangagu 63 ma daalí ahap'ueqi 5 almanga kamu mbá gáshigeqi?
5. geedi gára tha shúl d'uk'únúñu 75 s'ek'egu 7 geedí kamu aháthaqigu?

6. Harun mín tha fuudá k'ed'eyu mbá mús'ane 88 riyál na k'es'ala nalú thán 9 riyál fuudá kamu gasha ñineqí?
7. Ismeaqí faas'á almañga hú 81 na yak'as'a hú 4 almañga hu kamu mba baddañineqí?

**Animira zii thandulegu mba wala gii giida u salafa mba zii are alu holloñoniñ tha thathap'u tha negaza.**

**Animira zíí thandulegú mba zíí aré alú holloñoníñ mbá wala gii giida tha thatháp'**

35 animiraaleyú mbá zíí thá shúl asharóyu 3 thá shúl d'uk'únúñuyu shín 5.

Yaní 35,gidí 3 asharagu u 5 d'uk'únúñgú 86 tháa nimiráleyu shúl asharo --  
-----shúl d'uk'únúñu ----- mmaane.

Yaní 86 -----asharagu -----d'uk'únúngu ngidine animirágu gádárña añ athap'uqi malé afáruñaqi tha asharagu u d'uk'unúñgú.

Mithal 16	Asharagu	D'uk'únúñgu
<u>+13</u>	1	6
29	+ 1	3
	2	9
Mithal 35	Asharagu	D'uk'únúñgu
<u>+22</u>	3	5
57	2	2
	5	7

## qi geera 16

1/ shak'álathá thál mithálálégú

1/ 23	Asharagú	D'uk'únúñgú	2/ 24
<u>+14</u>	2	3	<u>+25</u>
	1	4	
	3	7	

Asharagú	D'uk'únúñgú

3/ 42	Asharagu	D'uk'únúñgu	4/65
<u>+27</u>			<u>+34</u>

Asharagu	D'uk'únúñgu

5/ 85	Asharagu	D'uk'únúñgu	6/96
<u>+14</u>			<u>+ 3</u>

Asharagu	D'uk'únúñgu

Animira asharo u d'uk'únúñ ugu athap'uñaqi tha sharfata

Mithal 1/ 32 = 30 + 2  
+ 24 = 20 + 4  
 56 = 50 + 6

Mithal 2/ 53 = 50 + 3  
+ 36 = 30 + 6  
 56 = 80 + 9

Mithal 3/ 64 = 60 + 4  
+ 23 = 20 + 3  
 87 = 80 + 7

2/ shak'alá thá thál mithalalegú

1/ 26	2/ 23	3/ 25
<u>+ 13</u>	<u>+ 15</u>	<u>+ 34</u>
4/ 36	5/ 37	6/ 35
<u>+4</u>	<u>+ 41</u>	<u>+ 43</u>
7/ 56	8/ 64	9/ 67
<u>+41</u>	<u>+ 25</u>	<u>+20</u>
10/ 66	11/ 26	12/ 81
<u>+33</u>	<u>+ 23</u>	<u>+18</u>

### **Rotha d'oshúyu**

Mithal:- áshibiló mererí tha 75 riyíl u mes'e tha 24 riyal fúúdá kamu thamali k'íllíñ?

$$\begin{array}{r} 75 \\ + 24 \\ \hline 99 \end{array}$$

1. Hawa dam 56 riyal u sufia 33 . kamu fuudá dam m'aré maré holloñiniñ?
2. agúdi daage 63 riyal u bábá 24 riyál. Fuudá kamu daa m'arégeqí?
3. tha Assosa tha hospitalu maabí bad'igu mbá thik'a addawa na mihílé 43 u na fáálé 32 maabi kamu thik'a addawagú k'íllíñ.
4. tha at'arp'esalu alkutuuba holí 37 alhisab u alquluma adaru 22 alkutub kamu holí tha at'arp'esalu k'illíñ?

5. tha Dibát'e thal madinayu máabi k'úr añ mbá thik'u na fáálé 54 u na mihílé 43 máábí kamu mbá thik'úwoqi gu k'illíñ tha añ k'uuráyu?
6. tha Assosa tha hospitalu maabi agerthiña k'afáqigu na fáálé 35 na mihílé 21 kamu máabi agerthiña k'afáqigu k'illíñ?
7. Ahmed gidi 39 riyal u yousuf 40 riyal. Geedilegu fuudá mare k'illíñ mare holloñoniñ kamu mane?

Anímirá zíí thandule mba wala gii saláfa mba zíí are alu holloñoniñgu tha nagaza.

Mithal 1.  $36 - 23 = \underline{\hspace{2cm}}$  qigeera tha thathap'

36	13
<u>- 23</u>	<u>+ 23</u>
13	36

Inshañ shugó  $36 - 23 = 13$

Mithál 2.  $36 - 23 = \underline{\hspace{2cm}}$  qigeera tha thatháp'

49	16
<u>- 16</u>	<u>+ 33</u>
33	49

Inshañ shugó  $49 - 16 = 33$

**qi geera 17**

1. nagaza thagu hathu geeratha mothañgamaqí tha thatháp'

1/ 38  
+15

Asharagu	D'uk'unuñgú

2/ 96  
+ 21

Asharagu	D'uk'unuñgu

3/ 79  
-35

Asharagu	D'uk'unuñgú

4/ 89  
+ 22

Asharagu	D'uk'unuñgu

5/ 78  
-35

Asharagu	D'uk'unuñgú

6/ 88  
- 85

Asharagú	D'uk'unuñgu

7/ 97  
-26

Asharagu	D'uk'unuñgú

8/ 98  
- 76

Asharagu	D'uk'unuñgu

Animiragu gadariña añ sharfatagu mba thap'uoqi tha asharagu u thá  
d'uk'úñgú añ nagazá

Mithal I/ 29	= 20 + 9	qigeera tha thathaáp
<u>- 13</u>	<u>- 10+ 3</u>	13
	10 + 6	<u>+ 16</u>
	= 16	29

Mithal A/ 76	= 70 + 6	qigeera tha thatháp
<u>- 33</u>	<u>- 30+ 3</u>	33
	40 + 3	<u>+ 43</u>
	= 43	76

2/ thal mithala legu k'ap'átha anímírá gashí gú

1/ 39	2/ 48	3/ 78	4/ 35
<u>- 25</u>	<u>- 23</u>	<u>- 42</u>	<u>- 32</u>

5/ 70	6/ 78	7/ 79	8/ 84
<u>- 10</u>	<u>- 42</u>	<u>- 37</u>	<u>- 51</u>

9/ 87	10/ 89	11/ 95	12/ 98
<u>- 45</u>	<u>- 38</u>	<u>- 44</u>	<u>- 76</u>

3/ mothathá nagasalegú thal mithalalegú

Mithal I/ 28 – 13 = 15 nanoqi 13 + 15 = 28

1. 34 – 12 = ÷ nanoqí \_\_\_\_\_

2. 37 – 15 = ÷ nanoqí \_\_\_\_\_

3. 49 – 23 = ÷ nanoqí \_\_\_\_\_

4.  $53 - 31 = \text{?}$  nanoqí \_\_\_\_\_
5.  $63 - 42 = \text{?}$  nanoqí \_\_\_\_\_
6.  $78 - 37 = \text{?}$  nanoqí \_\_\_\_\_
7.  $88 - 74 = \text{?}$  nanoqí \_\_\_\_\_
8.  $94 - 81 = \text{?}$  nanoqí \_\_\_\_\_

rothá d'oshúyú

1. mussa shibilo almañga gu 38 . mín thambaleyu má fuud'ane maabi martheqi 21. almanga kamu gashá musseqi?
2. tha shulindu holloñoníñu geedi garaqí holigú 85. mbá ahathaqigú tha shulindu talatayueqí 63 geedí garaqí kamú s'ík'e gu?
3. Abdu gidi 58 riyal. Ma nine shíbila algamis tha 23 riyal fuudá kamu gashi ñineqi?
4. Almahádi geza anzúm are alú 86 na da ahap'unéqí are alú 24 anzúm kamu gashiñineqí?
5. Zahra gidí mís'e 34. na shibilálu 12 mes'e kamu mba gasha ñineqí?
6. ágiidá 98 riyál áshibiló algamis thán 25 riyal fuudá kamu mbá gashígéqí?

**animírá zíí thandulegú mbá zíí are alú holloñoníñ mbá gii giida u salafa tha thatháp'u tha negaza**

**Animírá zíí thandulegú mbá zíí are alu holloñoníñ mbá gii giida tha thatháp'**

1. athap'utha animírá zíí thandulegí tháñdu (rotha tha)
 

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



Hasi shín animira zíí thandulegú mba gii giída mbá zii are alu d'uk'únúñ u mba zíí are alú holloñoníñ áñ athap'uqí

2/ rotha thá animírá zíí thandulegu mba thap'uqi

1.  $12+9 = \underline{\hspace{2cm}}$       2/  $18+ 6 = \underline{\hspace{2cm}}$       3/  $18+ 7 = \underline{\hspace{2cm}}$

4.  $23+ 7 = \underline{\hspace{2cm}}$       5/  $47+ 6 = \underline{\hspace{2cm}}$       6/  $44+ 6 = \underline{\hspace{2cm}}$

Anímírá zíí thandulegú katabá thá shulindú alhisabú tha thatháp'

Mithal I/  $\begin{array}{r} 37 \\ + 44 \end{array}$       - alqawal áñ athap'u shulindú alhisabu  
 $\hspace{10em} d'uk'unúñuqi$        $3+4 = 7$

- añ kataba d'uk'únúñúñ tha shulindu alhisabu d'uk'únúñuuyu añ k'alá ágidí d'uk'unúñ
- shulindu alhisabu asharoyu thathap'  $3+4 = 7$
- Inshan shugó  $1+7 = 8$  animírá zíí thandulélé shín añ kataba tha shúl asharóhú 81.

A/  $\begin{array}{r} 58 \\ + 35 \end{array}$       - alqawal áñ athap'uqi mba shu d'ik'únúñu  
 $\hspace{10em} 3+4 = 7$   
 $\hspace{10em} 93$

- alqawal áñ athap'uqi mba shul añ  
 K;ala ágidi1

- añ athap'u shúl asharoqi  $5+3 = 8$

Insháñ shugó  $8+1 = 9$  añ kataba "9" tha añá shúl asharohu.

qi geera 18

1/ Animírá zíí thadulegu athap'uthaqi

1/  $\begin{array}{r} 23 \\ +18 \end{array}$       2/  $\begin{array}{r} 37 \\ +47 \end{array}$       3/  $\begin{array}{r} 63 \\ + 48 \end{array}$

$$\begin{array}{r} 4/ 58 \\ +32 \\ \hline \end{array}$$

$$\begin{array}{r} 5/ 78 \\ +12 \\ \hline \end{array}$$

$$\begin{array}{r} 6/ 77 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 7/ 42 \\ +28 \\ \hline \end{array}$$

$$\begin{array}{r} 8/ 49 \\ +49 \\ \hline \end{array}$$

$$\begin{array}{r} 9/ 67 \\ + 32 \\ \hline \end{array}$$

## 2/ Animirá zíí thandule talatalagú athap'uthaqí

$$\begin{array}{r} 1/ 2 \\ + 3 \\ \hline 9 \\ \hline 10 \end{array}$$

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

$$\begin{array}{r} 3/1 \\ +3 \end{array}$$

$$\begin{array}{r} 4/ 8 \\ +9 \end{array}$$

$$\begin{array}{r} 5/ 7 \\ + 8 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6/ 6 \\ + 8 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7/15 \\ +26 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 8/ 18 \\ +39 \\ \hline 29 \end{array}$$

$$\begin{array}{r} 9/ 27 \\ +50 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 10/ 68 \\ +19 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 11/ 55 \\ +26 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 12/ 55 \\ +26 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 13/ 47 \\ +18 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 14/ 47 \\ +18 \\ \hline 16 \end{array}$$

## Rotha d'oshúyu

Mithal:- mussa p'a ala gaashá 25 kuntaal, amúhúlé 27 kuntál u d'abará 16 kúntál. kamu giñ p'alane k'íllíñ?

$$\begin{array}{r}
 25 \\
 + 27 \\
 \hline
 16 \\
 68
 \end{array}$$

1. Nura alqúmura k'ed'e 15 U mbá abbáné shín 56 na mane. kamu alqúmurá maabile méré holloñoníñ?
2. Asharíf gídí alburtukán 49 ma thap'a ñiné agudíne 24, alburtúkan kamu gidine baróñ?
3. Halima alqúmura k'ed'e 17, mbá agudíne shín 34 u mbá ammane 45 kamu alqúmura maabile méré telata?
4. Abba Ibrahim shibila ashatha 28 shawál , 35 shawal bilia u 25 shawal amúhúle . kan shawál shibilane k'íllíñ?
5. Mahammad bad'e nááda thal hakimú na mathiña alyom alqawal na thama 45 riyal , alyom ataní 27 riyal u alyom atalit 15 tha talata yomu fúuda kamú thámálá mahamed k'íllíñ?
6. shálá sáqáda maabi ma taqabanin Álí thama 23 riyal, kamal 34 riyal u younis shín 27 riyál fuudá kamu buurá méré álú?

### **Animírá zíí thandulegú mba gii salafa mbá zii are alú**

#### **holloñoníñ tha nagaza**

Alqawal animírá zíí thandulegú mín tha 10 le thá 20 añ negasálú thá animírá zíí thandulegú mbá zíí areálú d'uk'unúñ añ gershí.

1/ 10	2/ 11	3/ 12	4/ 11
<u>- 3</u>	<u>- 4</u>	<u>- 4</u>	<u>- 6</u>

5/ 13	6/ 13	7/ 14	8/ 15
<u>- 4</u>	<u>- 7</u>	<u>- 8</u>	<u>- 8</u>
9/ 16	10/ 16	11/ 13	12/ 14
<u>- 8</u>	<u>- 9</u>	<u>- 9</u>	<u>- 9</u>
13/ 17	14/ 18	15/ 15	16/ 13
<u>- 8</u>	<u>- 9</u>	<u>- 9</u>	<u>- 9</u>

hasi shín animíra zíí thandulegú mbá zíí are alu holloñoniñ añ  
nagazalu thá mba zíí are alu holloñoniñ.

Mithal 1. min tha 32 alu añ negaza 19.

32 min tha d'uk'únuñgu 2 ñalu than negesa d'ukúnuñgu 9  
- 19 wala gadárña.

Inshañ shugó min tha ashara alu 3 añ salafa ashara 1

Min tha 12 d'uk'únuñgu añ negasa 9 d'uk'únúñ añ kataba 3 tha shúl

d'uk'unuñgu. Mín tha ashara 2 álu añ negasa ashara 1 ana gásha ashara 1

32 qigeera that hátháp' 13  
- 19 + 19

Mithal 2/

55	Asharagu	D'uk'únúñgu
- 17		
	5	5
	1	7

(5<7)

Asharagu	D'uk'únúñgu
4	15
1	7
3	8

$$\begin{aligned} \text{Mithal } 3/ \quad 64 &= 60 + 4 = 50 + 14 && \text{min tha 4 alu shañ nagasa 8} \\ &\underline{- 18} - \underline{10 + 8} \quad \underline{- 10 - 8} && \text{wala gádarña} \\ & && = 40 + 6 \\ & && = 46 \end{aligned}$$

Inshañ shugo 64	qigeera tha thatháp' 46
<u>-13</u>	<u>+18</u>
46	64

qi geera 19

1/ 34	2/ 51	3/ 43	4/ 45
<u>-27</u>	<u>- 23</u>	<u>- 29</u>	<u>- 16</u>

5/ 52	6/ 50	7/ 54	8/ 51
<u>- 45</u>	<u>- 17</u>	<u>- 18</u>	<u>- 23</u>

9/ 64	10/ 90	11/ 95	12/ 96
<u>- 48</u>	<u>- 28</u>	<u>- 79</u>	<u>- 78</u>

Táni añ geerra nagase wala mahatháñ nafaqi tha sharfatá u tha asanduk'a ziyundule

Mithal 1 mín tha 62 álu shán negasa 16

62 alqawal añ nagaza shúl d'uk'únuñu . mín tha 2 alu shan negasa  
 - 16 6 wala gadarña mín tha 6 asharagu alu añ salafa ashara 1 na  
 giya hathañe 14.  $14 - 8 = 6$  sitaañ kataba tha shul d'uk'únuñu hú min tha  
 ashara 5 alugu añ nagasa ashara d'uk'unúñ na gasha asharagu 4 . 4 añ  
 kataba tha shul asharo hú

$$\begin{array}{r} \text{Mithal } 2/ 74 \quad ( 14- 8 = 6 ) \\ \underline{- 28} \quad ( 6 - 2 = 4 ) \\ 46 \end{array}$$

2/ mothatha d'ok'otha nagasólegú

1/ 31	2/ 44	3/ 60	4/ 45
<u>- 25</u>	<u>- 16</u>	<u>- 16</u>	<u>- 28</u>

5/ 65	6/ 71	7/ 72	8/ 76
<u>- 27</u>	<u>- 26</u>	<u>- 68</u>	<u>- 27</u>

9/ 71	10/ 63	11/ 70	12/ 81
<u>- 49</u>	<u>- 53</u>	<u>- 48</u>	<u>- 19</u>

### Rotha d'oshuyu

mithál

Ahaya shibiló alemun 35 ná fuud'a agudineqí 17 alemun kamú gashí ñineqí?

35	qigeera tha thatháp' 18
<u>- 27</u>	<u>- 17</u>
18	35

1. maabá gii fuudá tha asuug d'uk'únúñu na thik'a aribih 80 riyal na thama malgibir 12 riyal fuudá kamu gasha ñineqi?
2. mansúr faas'a almanga hú 78. na yak'áas'a 19. almanga hú kamu badá ñineqí?
3. Mahammed mín tha adáhilí thik'ínayu tha sháharu 95 riyál na shibila albant'alon thán 60 riyal . kam riyal gashi ñineqi?

4. tha almuhaafaza Asossa maabi giya k'afaqi geera AIDSÚ 75. maabi thik'alne thí 16 nafár kamnafár mba wala thik'alane thí?
5. thalqarabiya has'úl maabiyú nahas'ulá maabí 45. mín tha maabileyugu na faálé 26 u na mihilé shiñ kamu má méré?
6. Halima has'ula 86 riyal tha sugueqi tha 20 riyal nashibiló asífinja u tha 15 riyal na shibilo asukar 2 kiilo fuuda kamu móthóné thayuweqí?
7. Abba dááge 90 riyál áshibiló algamis tha 22 riyal u shafá thá 52 riyal fuudá kamú gashígeqi?

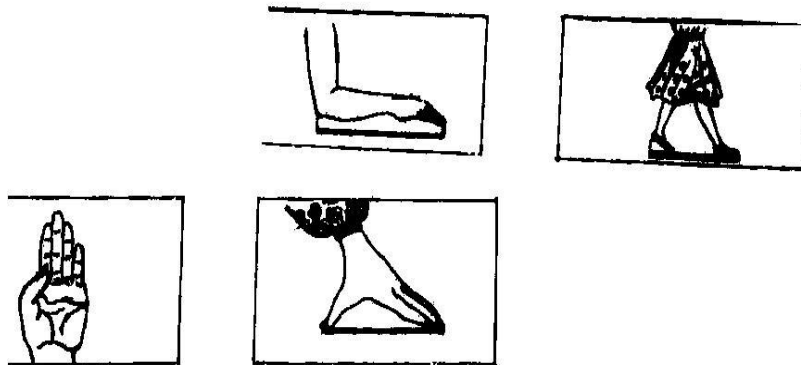
### 1.6 gíñ abarrá gíñ s'uriñiqithañ gu mbalqadó

gíñ abarra gíñ s'uriñiqithañgú mba shak'alaltháñ min gabul u mba alamale tháñgu mmaamaré.

Min thamba alamaletañgú mbá shak'ala tháñ na gíñ abara gíñ s'uriñiqi tháñgu – buánda (dura)

- ashibir (mba abara thabalu)
- hú (mba abara tha shap'ana mmaamare).

Geedí garaqí hoshalatha gíñ abara gíñ s'uriñiqithañgú tha sawaralayu hathú daathá hógú?



*Gig gíñ abarra gíñ s'uriñiqithagu thalqadayu.*

qi geera 20

1/ mothátha d'ak'othalegu.

1. abarathá irsasañgamaqi thashibír
2. abaratha alkitaba ñgamaqi mbá alhisaabú thashíbír
3. abaratha s'uriña ahap'uñuáthaqigu
4. abaratha alfasilañgamaqi na theelé thá hú
5. abaratha asábura ñgamaqítha adura
6. abaratha gín d'oñoshi hathuthañgú tha shibír hathú thikatha kamú mane?
7. abaratha mín tha alfasilañgamayu le tha handuñathuthoqi tha hú kamu mane?
8. abara tha mín tha alfasilañgamayu le áñá zí aljaras hú kamú mane?
9. mín thañgama le thalmadarasayu hú kamu mane?
10. mín tha alfasilañgamayu le tha alkanifayu hú kamu mane?

2/ athap' uthaigü

1/ 8 shibír + 12 shibír = \_\_\_\_\_

2/ 13 shibír + 14 shibír = \_\_\_\_\_

3/ 24 durá + 28 dura = \_\_\_\_\_

4/ 30 dura + 12 dura = \_\_\_\_\_

5/ 15 hú + 20 hú = \_\_\_\_\_

6/ 25 hú + 35 hú = \_\_\_\_\_

7/ 45 hú + 26 hú = \_\_\_\_\_

9/ 32 hú + 42 hú = \_\_\_\_\_

10/ 40 dura + 40 dura = \_\_\_\_\_

11/ 27 shibír + 7 shibír = \_\_\_\_\_



$$12/ 38 \text{ shibír} + 18 \text{ shibír} = \underline{\hspace{2cm}}$$

$$13/ 34 \text{ dura} + 10 \text{ dura} = \underline{\hspace{2cm}}$$

$$14/ 41 \text{ hú} + 15 \text{ hú} = \underline{\hspace{2cm}}$$

$$15/ 41 \text{ hú} + 15 \text{ hú} = \underline{\hspace{2cm}}$$

### **Rotha d'oshuyu**

1. Albant'alona Ádam 5 shibír umba Álí 6 shibír mma méré kám shibír mbá maa albant'alona geedilegu méré holloñoníñ
2. Aljalabiya abdela na s'uriña 8 shibír, u mba Ahmed shin 9 shibira nas'uriña ajalabiyalegu kamu ma méré na s'uriña maréholloñoníñ?
3. s'uriña salah 12 shibír u mbá mussa 9 shibír. Nda gori tha s'uruña? Tha kamu?
4. Jafár salah 5 shibir u mba abbané 11 shibir s'uriña jafar tha kamu k'os'ine abbané tháñ
5. s'uriña halíma 3 dura, u mbá mámuna 2 dura mmaa méré kamu s'uriña maabilé mare hollóñoníñ?

### alu lima qi geerau qi geeró

1. mba thap'uqi maregu thasanduk'aleyugu

I/ 8

$$\begin{array}{r} +4 \\ \square \end{array}$$

A/ 9

$$\begin{array}{r} +4 \\ \square \end{array}$$

M/ 10

$$\begin{array}{r} +14 \\ \square \end{array}$$

L/ 10

$$\begin{array}{r} +5 \\ \square \end{array}$$

2/ negasathalugu hathu motha tha sanduk'aleyugu.

I/ 13

$$\begin{array}{r} -5 \\ \square \end{array}$$

A/ 14

$$\begin{array}{r} -6 \\ \square \end{array}$$

M/ 14

$$\begin{array}{r} -7 \\ \square \end{array}$$

L/ 15

$$\begin{array}{r} -5 \\ \square \end{array}$$

3. motha tha móthá ma ase thasunduk'aleyugú.

I/  $10 + 5 = \square$

A/  $10 - 5 = \square$

M/  $3 + (4 + 6) = 3 + \square = \square$

L/  $5 + (8 + 2) = 5 + \square = \square$

D/  $4 - \square = 1 - \square + 1 = 1$

Q/  $4 + \square = 9$ ,  $9 - \square = 4$

G/  $18 - \square = 7$ ,  $\square - 7 = 18$

E/  $16 - \square = 14$ ,  $14 + \square = 16$

U/  $(11 + 7) + 7 = \square$ ,  $15 + 10 = \square$

N/  $14 - 7 = \square$ ,  $7 + \square = 14$

4/ motha tha añiyuleyugu.

I/  $46 = \underline{\hspace{2cm}}$  asharaquí  $\underline{\hspace{2cm}}$  d'uk'únúñgú

A/  $63 = \underline{\hspace{2cm}}$  asharaquí  $\underline{\hspace{2cm}}$  d'uk'únúñgú

M/  $70 = \underline{\hspace{2cm}}$  asharaquí  $\underline{\hspace{2cm}}$  d'uk'únúñgú

$$L/ 72 = \underline{\hspace{2cm}} \text{ asharagú } \underline{\hspace{2cm}} \text{ d'uk'únúñgú}$$

$$D/ 96 = \underline{\hspace{2cm}} \text{ asharagú } \underline{\hspace{2cm}} \text{ d'uk'únúñgú}$$

$$Q/ 85 = \underline{\hspace{2cm}} \text{ asharagú } \underline{\hspace{2cm}} \text{ d'uk'únúñgú}$$

5/ motha thá añiyuleyugú.

$$I/ 21 = 20+1$$

$$A/ 32 = 30+2$$

$$M/ 42 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$L/ 53 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$D/ 65 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$Q/ 72 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$G/ 76 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$E/ 79 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$U/ 87 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$N/ 94 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

6/ Lik'atha animiralálugu mba d'áñi

$$I/ 36, 26, 46, 56$$

$$M/ 27, 72, 75, 57$$

$$A/ 59, 95, 89, 98$$

$$L/ 50, 70, 80, 60$$

$$D/ 71, 72, 73, 74$$

$$Q/ 33, 53, 63, 73$$

7/ Lik'atha animiralálugu tha shimbir mba k'os'í

$$I/ 68, 41, 13, 37,$$

$$L/ 88, 77, 92, 29$$

$$A/ 54, 45, 57, 75$$

$$D/ 91, 19, 89, 92$$

$$M/ 62, 26, 46, 64$$

8/ shak'alatha alqalama alhisabulegu.

$$I/ 24$$

$$A/ 26$$

$$M/ 66$$

$$\underline{+ 4}$$

$$\underline{+ 12}$$

$$\underline{- 26}$$

$$L/ 46$$

$$D/ 78$$

$$Q/ 74$$

$$\underline{-15}$$

$$\underline{+ 6}$$

$$\underline{- 8}$$

$$G/ 46$$

$$E/ 35$$

$$U/ 95$$

$$\underline{-15}$$

$$\underline{- 20}$$

$$\underline{- 21}$$

$$N/ 46$$

$$\underline{- 49}$$

$$B/ 72$$

$$\underline{- 51}$$

$$Th/ 88$$

$$\underline{- 59}$$

$$Y / 56+14+13 = \underline{\hspace{2cm}} \quad F/ 78-18 - 10 = \underline{\hspace{2cm}}$$

$$P' / 88-22-11 = \underline{\hspace{2cm}} \quad sh/ 48+12+15 = \underline{\hspace{2cm}}$$

9/ motha thá d'ok'othálegu

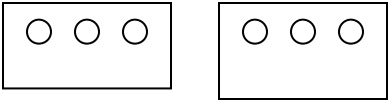
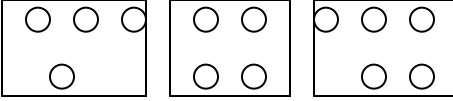
1. tha ashádu alemun zíí 24 u alburtukan 36 s'ís'ia are kamu holi tha ashedu k'íllíñ?
2. Ibrahim giida 76 riyal.mín thambaleyu na shibila albant'alón thá 35, fuudá kamu gashá ñineqí?
3. alqumura kadír 45 sana, mbá mussa 25 sana alqumura nd'alo gori? Tha kamu?
4. tha aña alkítabu álú alkítáb holí alqulama adaru 56, alhisaab 36 alkitab kamu ziiqigú k'íllíñ?
5. mamuna min tha almáhiya thik'inayú 65 riyál mus'ineqí 25 riyal thá ashaharú fuuda kamu mus'ine tha shaharén?
6. yunus gidi mererí 45 u miragú 28. alqadada merero kamu gorne alqadada miyótháñ
7. yousuf shibiló at'arp'esa telata. Alqawal thá 28 riyál atani tha 35 riyál , atalit tha 42 riyál fuudá kamu tháne k'íllíñ?
8. Amila shibiló gíñ ñishíla thá doñó mbá ma fuudá beñení 16 grám u alhalamat mba iléthu 15 grám mba ma fuuda beñeni, kam gram shibilane k'illiñ.?

## Ak'us'o holloñoniñ

2/ Animira zii thandulegu le tha 100 ala aqólu u ala gásama.

### 2.1 tha 2 u tha 10 ala aqólu u ala gásama qi ayu motha

#### 2.1.1 aóluwa ayu motha

Mithal I/  A/ 

$$3 + 3 = 6$$

$$4 + 4 + 4 = 12$$


Talata alan hollooni = sita

arbaqa alan talta = at'náshar

Zañzañatha “x ” alqalama aqoluwone

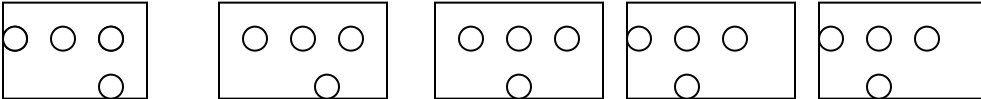
#### qi geera 1

Mothá tha añiyuleyugu

1. 


$$3 + 3 + 3 + 3 = 12$$

Talata ala narbaqa = \_\_\_\_\_

2. 


$$4 + 4 + 4 + 4 + 4 = 20$$

Arbaqa alan hamsa = \_\_\_\_\_



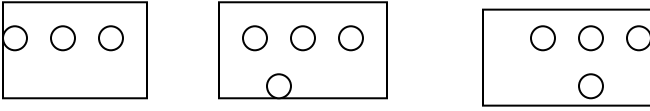
$$4 + 4 + 4 + 4 = 16$$

Arbaqa ala arbaqa = \_\_\_\_\_

3. 

4 + 4 + 4 + 4 = \_\_\_\_\_

Arbaqa ala arbaqa

4. 

5 + 5 + 5 = \_\_\_\_\_

Hamsa alan talata = \_\_\_\_\_

qihuluwa thath ap'u mare aqóluwa

mithal I/  $5+5+5 = 15$

$$3 \times 5 = 15$$

M/  $1+1+1+1+1 = 4$

$$4 \times 1 = 4$$

A/  $5+5 = 10$

$$2 \times 5 = 10$$

L/  $10+10 = 20$

$$2 \times 10 = 20$$

qi geera 2

Ahoratha aiyulayugu

Mithal I/  $4+4+4 = 12$

$$3 \times 4 = 12$$

A/  $7+7+ = 14$

$$7 \times 2 = 14$$

1 /  $9+9 =$  \_\_\_\_\_

$$\text{___} \times \text{___} = \text{___}$$

2/  $8+8+8 =$  \_\_\_\_\_

$$\text{___} \times \text{___} = \text{___}$$

3 /  $10+10 =$  \_\_\_\_\_

$$\text{___} \times \text{___} = \text{___}$$

4/  $5+5+5+5+5 =$  \_\_\_\_\_

$$\text{___} \times \text{___} = \text{___}$$

$5 / 2+2+2+2+2+2 = \underline{\hspace{2cm}}$

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

$6 / 3+ 3+ 3+3+3+3 = \underline{\hspace{2cm}}$

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

$7 / 6+6+6+6 = \underline{\hspace{2cm}}$

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

$8 / 4+ 4+4+4 = \underline{\hspace{2cm}}$

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

$9 / 1+1+1+1+1 = \underline{\hspace{2cm}}$

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

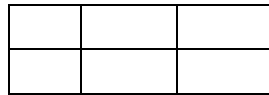
$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

$10 / 7+ 7+7+7 = \underline{\hspace{2cm}}$

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

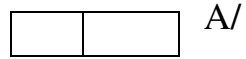
Animira zii thandulegu tha 2 u tha 10 aqóluwa

Mithal I /

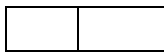
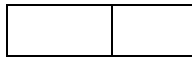
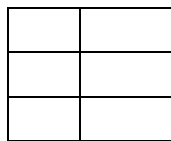


$2 \times 3$

$= 6$

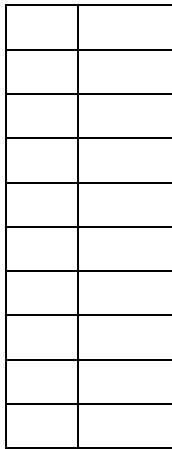
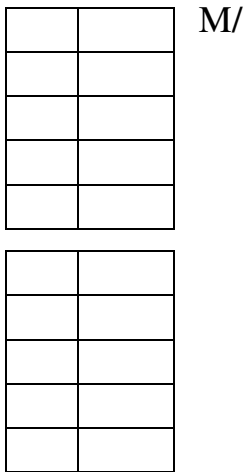


A/



$3 \times 2$

$= 6$



$$2 \times 10 = 20$$

L/ thalhurf	thaanimira	mba oluqi (awalare)
Holloñonñ alañ tisaqa	2 x 9	18
Ashara alañ arbaqa	2 x 7	14
Ashara alañ arbaqa	10x 4	40
Ashara alañ tamaniya	10 x 8	80
Ashara alañ ashara	10 x 10	100

Zañzañatha

Ayú animírá zíí thandule ma aóluwoña thá 10 gíñ thik'íña animírá zíí thandule ñine tha gundi thap'í nimírá sifír d'uk'únúñ.

### qi geera 3

1/ ahora tha mba óluqi tha añiyuleyugu

Mithal I/  $2 \times 4 = 8$     A/  $10 \times 2 = 20$     M/  $10 \times 3 = 30$     L/  $4 \times 10 = 40$

1/  $2 \times 7 =$  \_\_\_\_\_

2/  $2 \times 8 =$  \_\_\_\_\_

3/  $2 \times 9 =$  \_\_\_\_\_

4/  $2 \times 6 =$  \_\_\_\_\_



$5/ 2 \times 9 = \underline{\hspace{2cm}}$

$6/ 2 \times 11 = \underline{\hspace{2cm}}$

$7/ 9 \times 10 = \underline{\hspace{2cm}}$

$8/ 7 \times 10 = \underline{\hspace{2cm}}$

$9/ 8 \times 20 = \underline{\hspace{2cm}}$

$10/ 10 \times 8 = \underline{\hspace{2cm}}$

$11/ 10 \times 5 = \underline{\hspace{2cm}}$

$12/ 2 \times 6 = \underline{\hspace{2cm}}$

2/ alqawal k'ap'atha mba aólula hatha ahoratha thasanduk'aleyugu

Mithal I/  $2 \times \boxed{5} = 10$

A/  $10 \times 1 = \boxed{10}$

1.  $2 \times \boxed{\phantom{0}} = 8$

2/  $5 \times \boxed{\phantom{0}} = 10$

2.  $2 \times \boxed{\phantom{0}} = 18$

4/  $2 \times \boxed{\phantom{0}} = 14$

5/  $\boxed{\phantom{0}} \times 2 = 12$

6/  $\boxed{\phantom{0}} \times 2 = 24$

7/  $\boxed{\phantom{0}} \times 10 = 40$

8/  $10 \times \boxed{\phantom{0}} = 24$

9/  $\boxed{\phantom{0}} \times 10 = 50$

8/  $10 \times \boxed{\phantom{0}} = 100$

### **Rothá d'oshuyú**

Mithal 1. mis'e d'uk'únúñ gidi hú holloñoniñ mis'e arbaqa hú kamu gidimáré?

Mótha  $2 \times 4 = 8$

Mithal 2 mis'e nine d'uk'únúñ ma má 10 riyal mis'e namuqigu 3 kam riyal maa máré

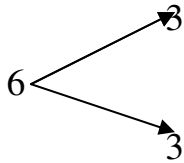
Motha  $10 \times 3 = 30$

1. maaba d'u'k'unúñ gidi hú holloñoniñ maabí 6 hú kamú gidi máré?
2. maamérá firí thalyomu alitir2 tha 7 yóm firi kam litír merí?
3. gadi garaqi gidí mis'e holloñoniñ mbá gidi p'ip'iyogu ashara, ashara gadi garaqile p'íp'iyo kamu gidíne?
4. atamana albat'aria d'uk'únúñ ma má 10 riyál atamana albat'aria 8 kamu maane?

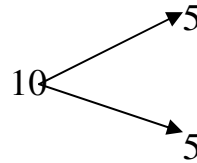
5. Ahmed ma shibila algamis d'uk'únúñ tha 10 riyal ma mithí shiblana mba namuqigu 7 fuudá kamu shibilnethañ?

### 2.1.2 gásama ayu motha

I/ animira zii thandulegu gásama tha “2l”



nanoqi  $2 \times 3 = 6$



nanoqi  $2 \times 5 = 10$

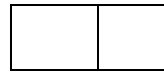
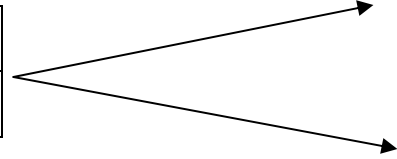
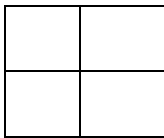
zañzañathá “÷” alqama gásamoné

Theele arbaqa 2 mba namuqi

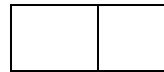
mithal I/  $4 \div 2 = 2$

nanoqi  $2 \times$

$2 = 4$

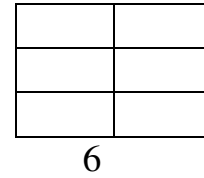
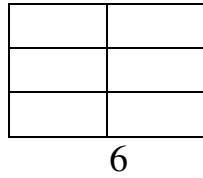
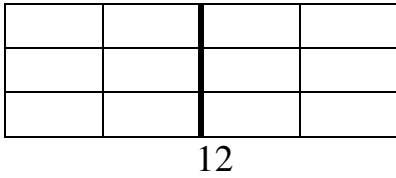


Theele arbaqa 2 mba namuqi

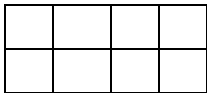


Thééle arbaqá 2 mba namuqí

A/  $12 \div 2 = 6$  nanoqi  $6 \times 2 = 12$



M/  $8 \div 2 = 4$



8  
Inshañ shugu  
sañsaña tha

$8 \div 2 = 4$   
 $8 \div 2 = 4$

$2 \times 4$   
 $2 \times 4 = 8$

mba gásamña mba gasam\* mba fii alu

mba aólula mba oluqi (awalare)

**qi geera 4**

1. fagada thá animirá zí thandulelegú mba gásamlá, mbá gasami ,u mbá fii álú

Mithal/  $10 \div 2 = 5$  Mbá gasamla 10  
Mbá gasami 2  
Mbá fii álú 5

A/  $4 \div 2 = 2$  Mbá gasamla 4  
Mbá gasami 2  
Mbá fii álú 2

1/  $6 \div 2 = 3$  2/  $14 \div 2 = 7$   
3/  $18 \div 2 = 9$  4/  $8 \div 2 = 1$   
5//  $20 \div 2 = 10$  4/  $2 \div 2 = 1$

## Rotha d'oshúyu

Mithal:- maaba d'uk'únúñ gídi thaba holloñoniñ. thaba 10 mba kam nafaru mane?  $10 \div 2 = 5$

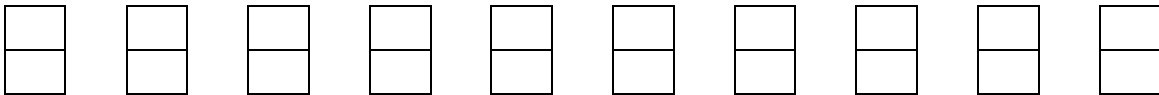
1. mussa shibiló alkarasa 12 nagasama geedi holloñoniñeqi ma namuqí. Ayu gadi kamu alkarasa fii ñine álú?
2. hathañ agúdi hathañ shibiló almangagu 24 tha súúgu añ gásama ma nanuqi kamu kamu almangagu mba fii hathañe alu?
3. albabaya d'uk'únúñ atámáná k'ed'e 2 riyal. Tha 26 riyal albabaya kamu gadarña añshibila
4. maabi p'aligu holloñoniñ p'ála gaashagu 32 kuntal ma k'ába mare ámáre gásama ma namuqi kamu kamu fii marthé álú?
5. 38 Irsas ma gasama geedi garaqiye holloñoniñí rsas kamu kamu fii marthe alu?

A/ amiria zii thandulegu gásama 10(ashareqi)

Mithal I/



$2 \times 10 = 20$  ashara theelee arbaqa mba namuqigu holloñoniñ



$$20 \div 10 = 2$$

Ayu alkóm 10 máyu theelee arbaqa mba namuqi

Zañzañathá

Ayú animírá zíí thandule mba oluqi asharo asaqa mbá gásamñane 10 mba fii alu k'ed'e mín tha animírá zíí thandulé gadáraña añ fia sifirqi d'uk'únúñ añ thik'a.

Ahora tha mbá fii alu tha añiyulayugú mbá ma asé

Mithal  $50 \div 10 = 5$

1.  $50 \div 10 =$  \_\_\_\_\_

2.  $40 \div 10 =$  \_\_\_\_\_

3.  $60 \div 10 =$  \_\_\_\_\_

4.  $70 \div 10 =$  \_\_\_\_\_

5.  $80 \div 10 =$  \_\_\_\_\_

6.  $90 \div 10 =$  \_\_\_\_\_

7.  $100 \div 10 =$  \_\_\_\_\_

8.  $50 \div 10 =$  \_\_\_\_\_

rotha d'oshúyu

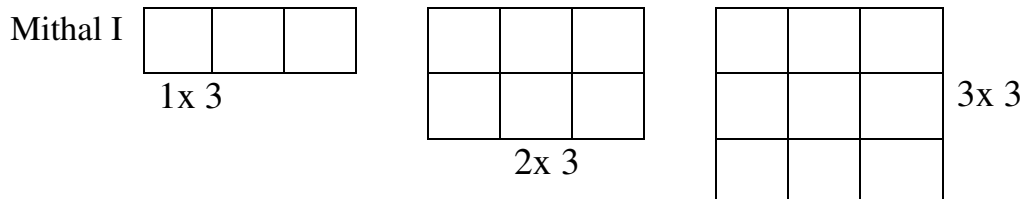
1. thá lfasil d'uk'únúñu geedi garaqi holigú 20. thañor thaba p'ishi holigu 10 geedí kamu holigu thañor thaba ganbi alu?
2. tha riyal ma maabi shibila alemun 10. alemun 30 kam riyal shibilala thán?
3. thabá álú máábá d'uk'unúñ 10 mmane thabá alú 60 mba kam nafaru mane?
4. Hawa gidi almoz 70 aásamane ahap'unathé 10 ma namuqí kamu fíí álú maaba d'uk'únúñeqí?
5. áshibiló mis'e namu nataman 10 thá 80 ríyal kamu mis'e d'uk'unúñ natamana k'ed'e?

## 2.2 Animira zii thandulegu tha 3, tha 4, tha 5 , thal 1 u tha 0 aóluwa u tha3 ,

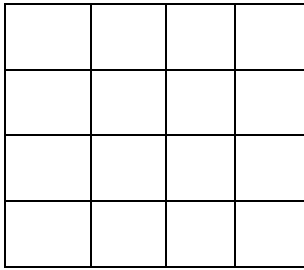
tha 3, tha 4, tha 5, u thal gásama

### 2.2.1 Animira zii thandulegu aólu tha 3

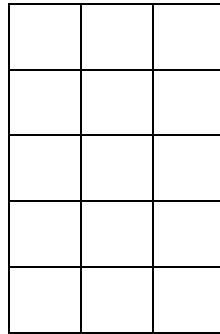
Mithal I /



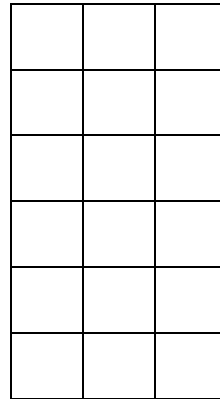
A/



4x 3



5x 3



6x 3

M/ thalhuruuf

thanmira

mba oluwoqi (Awalare)

talata alań d'uk'únúń

1 x 3

3

talata alań hollońoniń

2 x 3

6

talata alań talata

3 x 3

9

arbaqa alań talata

4x 3

12

hamsa alań talata

5 x 3

15

sita alań talata

6 x 3

18

sabaqa alań talata

7 x 3

21

tamania alań talata

8 x 3

24

tisaqa alań talata

9 x 3

27

### qi geera 6

1. aqóluthá hathú thamáthá móthańgama tha asandúk'u

mithal I/  $3 \times 2 = \boxed{6}$

A/  $3 \times 5 = \boxed{15}$

1.  $3 \times 2 = \boxed{\phantom{00}}$

2/  $3 \times 7 = \boxed{\phantom{00}}$

3.  $3 \times 4 = \boxed{\phantom{00}}$

4/  $3 \times 12 = \boxed{\phantom{00}}$

5.  $3 \times 11 = \boxed{\phantom{00}}$

6/  $3 \times 10 = \boxed{\phantom{00}}$

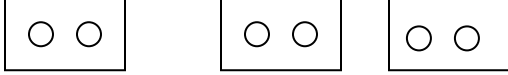
7.  $3 \times 13 = \boxed{\phantom{00}}$

8/  $3 \times 3 = \boxed{\phantom{00}}$

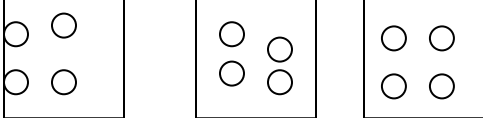
$9. 3 \times 9 = \square$

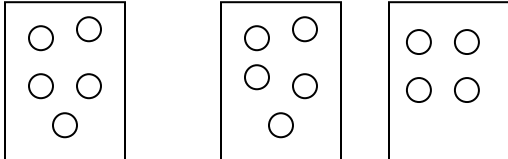
$10/ 3 \times 3 = \square$

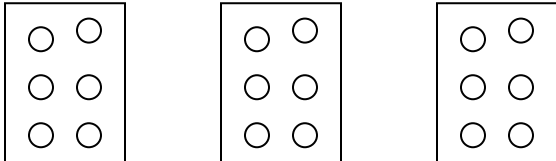
2/ ágeerathá animirá ma ase á ahoratha tha añiyuláyúgu.

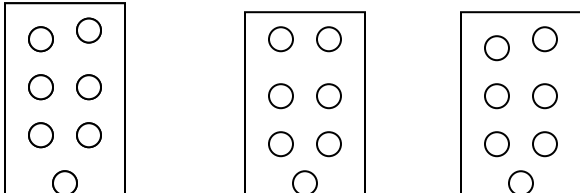
Mithal I/   $3 \times 2 = 6$

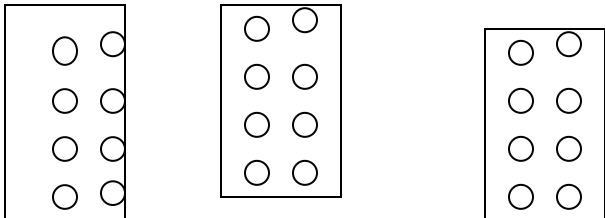
A/   $3 \times 1 = 3$

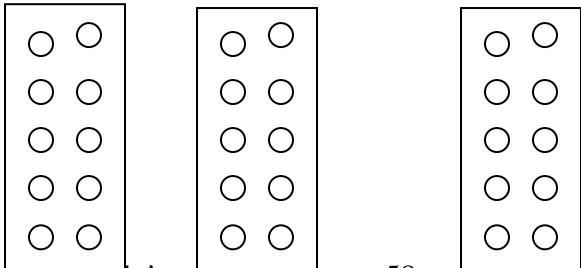
1/   $\underline{\quad} \times \underline{\quad} = 12$

2/   $\underline{\quad} \times \underline{\quad} = 15$

3/   $\underline{\quad} \times \underline{\quad} = 18$

4/   $\underline{\quad} \times \underline{\quad} = 21$

5/   $\underline{\quad} \times \underline{\quad} = 24$

6/   $\underline{\quad} \times \underline{\quad} = 30$

## Rotha d'oshúyu

Mithal I/ Hájra gidí 20 riyál. Muna shíñ fuuda 'k'ed'e dabál mba Hájra talata marat kamu fuud'a gidila Muna?

Mothá  $3 \times 20 = 60$  riyal

1. Aysha gidi alhalawa 5. Nura shíñ alhalawa k'ed'e dabal mbá áysha 3 marat Alhalawa kamu gidila Nura?
2. At'arap'eza 4 ma alu irsagu 3 irsas kamu ziiqi k'illiñ?
3. alqumúra seid 7 mmaane alqumúra Ahmed shíñ dabál alqumúra seid 3 marat kamu alqumura Ahmed?
4. miya 3 hú kamu gidi mare?
5. geedi garaqigu tha shulindu 1 holigu 30 . Ayu gadi garaqi ma sajele tha 3 riyál fuuda kamu thám méré k'illiñá méré?

## At'ap'aqa sharfatá Aóluwo

Mithal I/

$3 \times 8 = 3 \times 3 + 3 \times 5$

Tamania alań talata      talata alań talata      hamsa alań talata

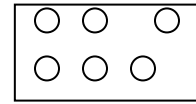
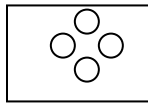
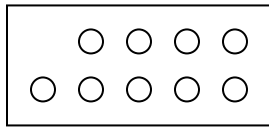
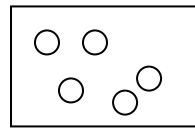
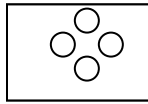
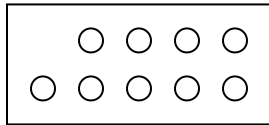
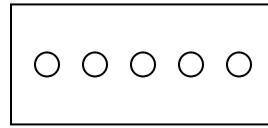
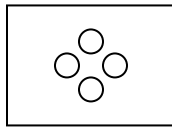
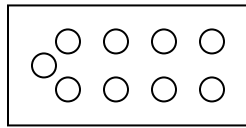


Inshañ shugo  $3 \times 8 = (3 \times 3) + (3 \times 5)$

$3 \times 8 = 3 \times (3+5)$  nanoqi  $3+5 = 8$

Sañsañá tha “( )” alaƣalamale agoñgor na s’ullane.

A/



$3 \times 9 = 3 \times 4 = 3 \times 5$

Tisaƣa alañ talta talata

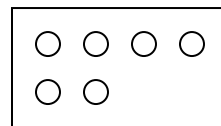
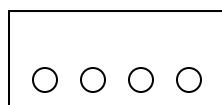
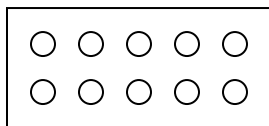
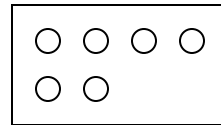
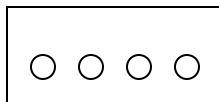
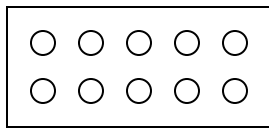
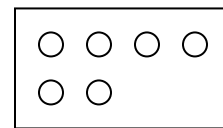
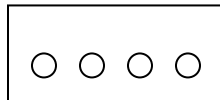
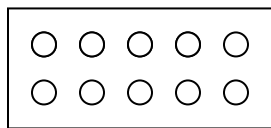
arbaƣa alañ talata

hamsa alañ talata

$3 \times 9 = (3 \times 4) + (3 \times 5)$

$3 \times 9 = 3 \times (4+5)$  nanoqi  $4+5 = 9$

M/



$3 \times 10 = 3 \times 4 = 3 \times 6$

$$\text{Insháñ shugó } 3x \cdot 10 = (3x \cdot 4) + (3x \cdot 6)$$

$$3x \cdot 10 = 3x \cdot (4+6) \text{ nanoqi } 4+6 = 10$$

### qi geera 8

1/ móthatha móthá ma ase thá añiyuláyúgu

$$\text{Mithal I/ } 3x \cdot 6 = (3x \cdot 2) + (3x \cdot 4)$$

$$\text{A/ } 3x \cdot 2 = (3x \cdot 1) + (3 \cdot 1)$$

$$1/ 3x \cdot 8 = (3x \cdot \underline{\quad}) + (3x \cdot \underline{\quad}) \quad 2/ 3x \cdot 5 = (3x \cdot \underline{\quad}) + (3x \cdot \underline{\quad})$$

$$3/ 3x \cdot 4 = (3x \cdot \underline{\quad}) + (3x \cdot \underline{\quad}) \quad 4/ 3x \cdot 9 = (3x \cdot \underline{\quad}) + (3x \cdot \underline{\quad})$$

2/ shak'alatha d'ók'othalegú

$$\text{Mithal I/ } 3x \cdot (2+1) = (3x \cdot 2) + (3x \cdot 1)$$

$$= 6+3$$

$$= 9$$

$$\text{A/ } 3x \cdot (1+1) = (3x \cdot 1) + (3x \cdot 1)$$

$$= 3+3$$

$$= 6$$

$$\text{A/ } 3x \cdot (1+1) = (3x \cdot 1) + (3x \cdot 1)$$

$$= 3+3$$

$$= 6$$

$$1/ 3x \cdot (5+3) = \underline{\hspace{2cm}}$$

$$2/ 3x \cdot (9+1)$$

$$3/ 3x \cdot (4+6) = \underline{\hspace{2cm}}$$

$$4/ 3x \cdot (10+1)$$

$$5/ 3x \cdot (10+103) = \underline{\hspace{2cm}}$$

$$6/ 3x \cdot (6+5)$$

$$7/ 3x \cdot (8+2) = \underline{\hspace{2cm}}$$

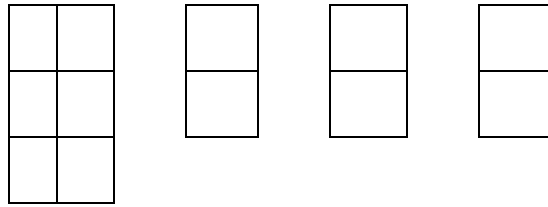
$$8/ 3x \cdot (3+2)$$

$$9/ 3x \cdot (10+2) = \underline{\hspace{2cm}}$$

$$10/ 3x \cdot (8+4)$$

A/ animírá zíí thandulegu gásama talatei(3)

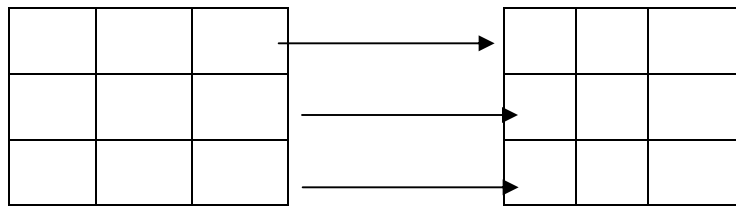
Mithal I/



Tha thélé arbaqayú mba namuqí mba zííqígú sita kamu théélé arbaqá mbá namuqí holloñoniñ mbá zííthíthí? Tha d'ak'otha rotha s'uriñileyu gásamole gadarña añ kataba shugo  $6 \div 3 = 2$  Inshañ shugo tha theelee arbaqayu mbá namuqí 6 théélé arbaqa mbá namuqí holloñoiñ añalu 3 ziine nanoqi

$$3 \times 2 = 6$$

A/



$$15 \div 3 = 5, \text{ nanoqi } 3 \times 3 = 9$$

### qi geera

1/ ahorathá añiyuleyugú.

Mithal  $3 \div 3 = \boxed{1}$  , nanoqi  $3 \times 1 = 3$

1/  $6 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

2/  $9 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

3/  $12 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

4/  $30 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

5/  $24 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

6/  $33 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

7/  $27 \div 3 = \boxed{\quad}$  , nanoqi \_\_\_\_\_

8/  $36 \div 3 = \square$ , nanoqi \_\_\_\_\_

9/  $39 \div 3 = \square$ , nanoqi \_\_\_\_\_

10/  $63 \div 3 = \square$ , nanoqi \_\_\_\_\_

11/  $72 \div 3 = \square$ , nanoqi \_\_\_\_\_

12/  $81 \div 3 = \square$ , nanoqi \_\_\_\_\_

### rotha d'oshúyu

mithal I/ Álí abune thámá algibír 36riyál amíne shín thama atilitá fúúdá thamá abuné funda kamu thámá amine?

Mótha  $36 \div 3 = 12$  mba thámá amine 12 riyal

A/ sufia gidi almangagu 15 ma gásamane ahap'unáthé 3 kamu kamu fíi marthé alú?

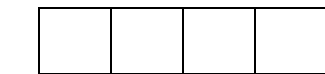
Mótha  $15 \div 3 = 5$  Inshañ sgugo anafar was alga almangagu 5

1. Ahmed ma shibilá almoz 3 tha 1 riyál almoz 30 kamu shibilnene tháñ?
2. Asúna shibiló s'is'ia dañóndu 1 tha 12 riyál . said shín shibiló s'is'ia thá atilita fúúdá asuna kamu fuudá shúthala suna alú?
3. atamana fuudá beñeni nalgram 60 mmaane.kamu atamana atilita algiramú?
4. thal fasil d'uk'unuñ geedi garaqigu holí 21. Alkitabá alhisaabu d'uk'únúñ ma daalá geedi talateqi alkitabá alhisaabu kamu káfá maré?
5. Ali animira zii thandule mmali ma hathu gásamagi 3 mbá fíi aluñk'o 6 mmaane. nda maalí?

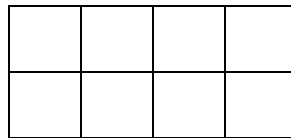
## 2.2.2 Animira zii thanduleu aóluwa u gásam tha 4

### / Animira zii thandulegu aóluwa tha 4

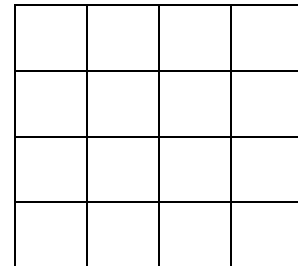
Mithal I/



1x 4



2x 4



3x 4

Arbaqa alañd'uk'únúuñ

arbaqa alañ holloñoníñ

arbaqa alañ talta

A/ thal húrúuf

tha nimira

awalare (mba oluqí)

Arbaqa aláñ arbaqa

4x 4

16

Arbaqa aláñ arbaqa

5x 4

20

Tamania aláñ arbaqa

8x 4

32

Ashara aláñ arbaqa

10x 4

40

Hidahár alañ arbaqa

11x 4

44

M/  $4 \times 9 = 36$  Inshañ shugo 36 awalare (mba oluqí) 4 mmaane

### qi geera 10

1. motha tha animira zii thandule mba ma ase tha añiyulayu.

mithal I/  $1+1+1+1 = 4 \times 1$

1.  $7+7+7+7 = \underline{\quad} \times \underline{\quad}$

2.  $5+5+5+5 = \underline{\quad} \times \underline{\quad}$

3.  $6+6+6+6 = \underline{\quad} \times \underline{\quad}$

4.  $4+4+4+4+4 = \underline{\quad} \times \underline{\quad}$

2/ ahoratha añiyuleyú

mithal I/ 4, awalare 4 mmaane nanoqi  $4 \times 1 = 4$

A/ 12, awalare 4 mmaane nanoqi  $4 \times 3 = 12$

1. 32 awalare 4 mmaane nanoqi \_\_\_\_\_x \_\_\_\_\_ = 32

2. 24 awalare 4 mmaane nanoqi \_\_\_\_\_x \_\_\_\_\_ = 24

3. 28 awalare 4 mmaane nanoqi \_\_\_\_\_x \_\_\_\_\_ = 28

4. 36 awalare 4 mmaane nanoqi \_\_\_\_\_x \_\_\_\_\_ = 36

1. 88 awalare 4 mmaane nanoqi \_\_\_\_\_x \_\_\_\_\_ = 88

### rotha d'ashúyu

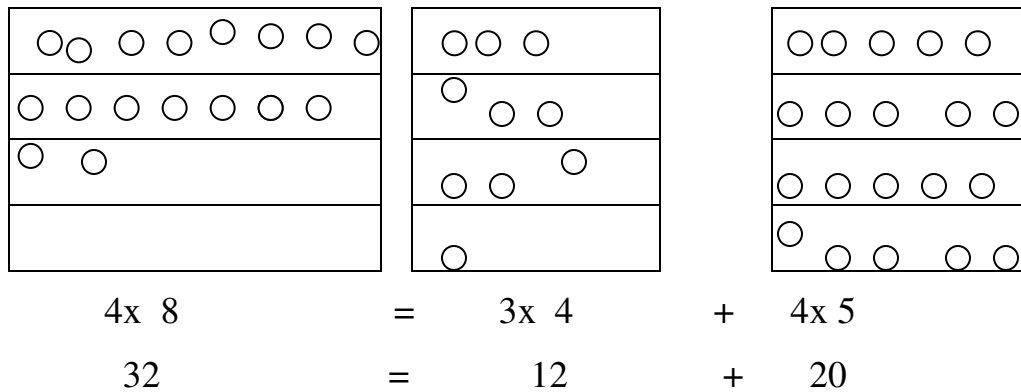
mithal mereri 20 mmaamare mererilagu nah ú mare kamu mane k'illiñ?

Mótha merere d'uk'únúñ gidi hú4 *nshañ* shugo  $4 \times 20 = 80$  húgu

1. Álí gidi miagu 5, saleman shin miak'ed'ed'egu dabál mia Álígu 4 marat mia kamu gidila saleman?
2. jafar thal mahia k'ed'eyu rúbu thamane thal banku 16 mmaane kamu almahia jafar mba shaharu?
3. maabu ziyo at'uk'ush thaalu burayu 20 mmawomare adunureqi shin na dabalagu 4 marat maani kamu hóle adunureqi k'illiñ?
4. alqumurañk'o 12 ana mmaane mba abba shin dabal mbañk'o 4 marat kamu alqúmura abba?
5. Fat'uma gidí ahap'unatha 3 nafuud'aga irsagu arbaqa arbaga fat'uma irsas kamu gidáne k'illiñ?

at'ap'afa sharfata aóluwo

mithal I,



Inshañ shugo  $32 = 4 \times 3 + 4 \times 5$

$$= 4 \times (3+5) \text{ namoqi } 3+5 = 8$$

$$= 4 \times (4+6) \text{ namoqi } 4+6 = 10$$

### qi geera 11

1/ ahoratha animira ma ase tha añiyulayu.

Mithal  $4 \times 11 = (4 \times 1) + (4 \times 10)$

1.  $4 \times 12 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
2.  $4 \times 15 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
3.  $4 \times 21 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
4.  $4 \times 23 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
5.  $4 \times 8 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
6.  $4 \times 10 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
7.  $4 \times 9 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
8.  $4 \times 18 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
9.  $4 \times 19 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$
10.  $4 \times 17 = (4 \times \underline{\quad}) + (4 \times \underline{\quad})$

2/ shak'alatha d'ok'othalegu

$$\begin{aligned} \text{Mithal } 4x (3+5) &= (4x 3) + (4x 5) \\ &= 12+ 20 \\ &= 32 \end{aligned}$$

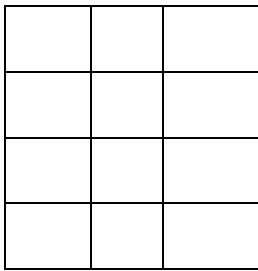
1/  $4x (10+2) =$  \_\_\_\_\_      2/  $4x (12+12)=$  \_\_\_\_\_

3/  $4x (9+2) =$  \_\_\_\_\_      4/  $4x (4+7)=$  \_\_\_\_\_

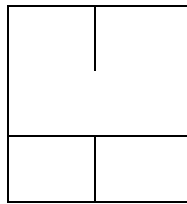
5/  $4x (20+5) =$  \_\_\_\_\_      6/  $4x (8+12)=$  \_\_\_\_\_

A/ animira zii thandulegu gasama arbaqaye (4)

Mithal I/



8



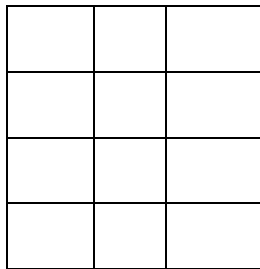
$$8 \div 4 = 3$$

Inshañ shugo

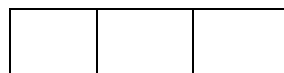
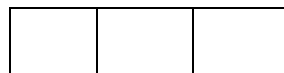
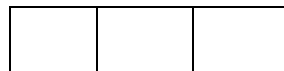
$$8 \div 4 = 2 \text{ nanoqi}$$

$$4x 2 = 8$$

A/



12

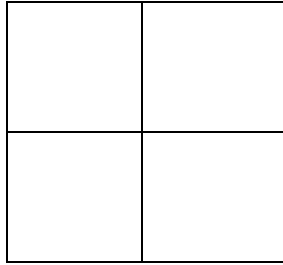


$$12 \div 4 = 3$$

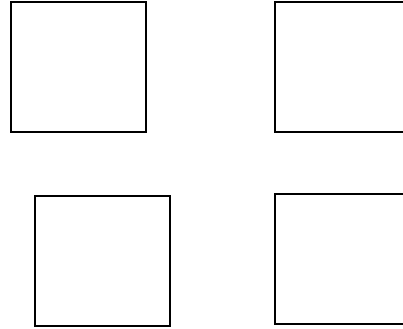
Inshañ shugo  $12 \div 4 = 3$  nanoqi  $4x 3 = 12$



M/



4



$$4 \div 4 = 1$$

Insháñ shugó  $4 \div 4 = 1$  nanoqi  $4 \times 1 = 4$

### qi geera 12

Shak'alatha d'ok'otha gasamolegu hathú geeratha móthañ gamqi aóluwa.

Mithal  $4 \div 1 = 4$  nanoqi  $4 \times 1 = 4$

1.  $8 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
2.  $12 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
3.  $16 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
4.  $20 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
5.  $24 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
6.  $32 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
7.  $40 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
8.  $80 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
9.  $60 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_
10.  $100 \div 4 =$  \_\_\_\_\_, nanoqí \_\_\_\_\_

### rothá d'oshúyú

mithal mereri hú 24 mmaane. Kamu merei nalqadad?

Mótha merere d'uk'úúñ gidi hú 4

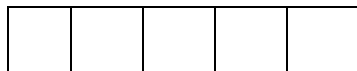
$24 \div 4 = 6$  Inshañ shugo alqadada merero 6 mmaane

1. kadir shibiló almoz 8 tha súúgu. mín thambaleyú na dáá ahap'unéqí rubu. Almoz kamu dááné ahap'unéqí?
2. mis'e hínhúlú zíí 16 tha shóhórayu. ma fuud'áña mis'e 4 yeqi shá máré hímálú mis'e d'uk'úúñ hínhúlu kamu hóm nálú?
3. samara min tha alhalawa 4 yu má dááné ahap'uné rubu. Alhalawa kamu gídí ahap'uné?
4. Ali animírá zíí thandule mmaalí ma hathu aóluwogi tha 4 á máá 32 ndá maali?
5. arubu 80 kamu nane?

### 2.2.3 Animira zii thandulegu Aqoluwa u gásama thá 5

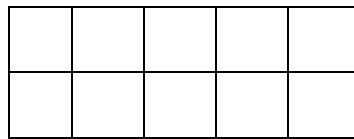
I/ Animírá zíí thandulegu Aóluwa tha 5

Mithal



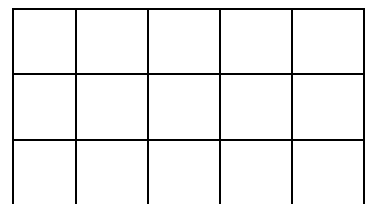
1 x 5

Hamsa alań d'ik'úúñ



2 x 5

hamsa alań hollońoniń



3 x 5

hamsa alań  
talata

A/ thalhuruuf

thanímíra

Awalare (mbá oluqí)

Arbaqa alań hamsa

4 x 5

20

Sita alań hánsa

6 x 5

30

Sabaqa alań hámsa

7 x 5

35

Tisaqa alań hámsa

9 x 5

45

Áshara alań hámsa

10 x 5

50

M/  $11 \times 5 = 55$  Insháñ shugó 55 awalare 5 mmaáne

### qi geera 13

1/ ahorathá añiyuleyugú

Mithal I/  $5+5+5+5+= 5 \times 5$       A/  $2+2+2+2+2 = 5 \times 2$

1/  $8+8+8+8+8 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$       2/  $2+2+2+2+2 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$

3/  $20+20+20+20+20 \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$       4/  $30+30+30+30+30 \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$

2/ mín tha animíráleyugú fagadatha mbá ma awalare 5

1/ 5,16,20,25,30

2/ 8,10,45,35

3/ 15,25, 18, 20, 40

4/ 10, 15, 20, 36, 45

5/ 50, 35, 40, 25, 38

6/ 30, 40, 50, 66, 100

7/ 5, 10, 42, 45, 40

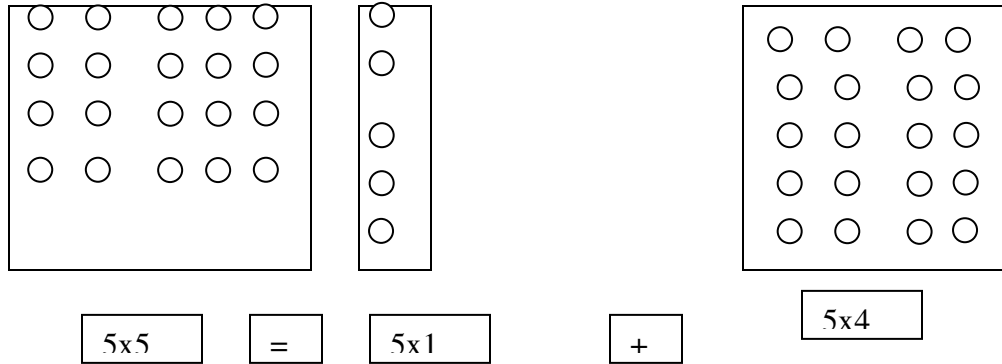
8/ 30, 60, 90, 100

### Rotha d'oshúyu

1. tha hospítalá tha Assosayu ályom alqawal maabi geera k'áfaqí mba AIDSu 12 nafar alyom afání na dabala 5 marat maabi kamu mba geera k'áfoqi alyom ataní?
2. thálfasil d'uk'únú geedi garaqi holigú 20. Ayu gadi matháma 5 riyal fúuda kamu burmáre alu k'ílliña mارة?
3. maaba d'uk'únúñ ma méré firí thalyomu 7 kubaya tha 5 yom firí kam kubaya merne?
4. fat'uma shibiló alkubaya asháhu 10 tha 5 riyal fuuda kamu shuthala fat'umalu?

## at'ap'aqa sharfatá aóluwo

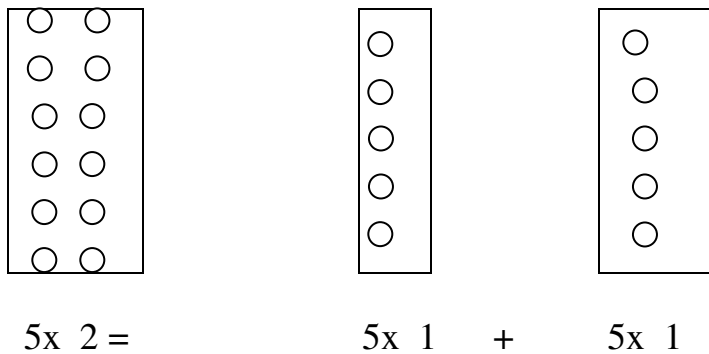
mithal



Inshañ shugó  $25 = (5 \times 1) + (5 \times 4)$

$$25 = 5 \times (1+4) \text{ nanoqi } 1+4 = 5$$

Mithal A/



Inshañ shugo  $10 = (5 \times 1) + (5 \times 1)$

$$10 = 5 \times (1+1) \text{ nanoqi } 1+1 = 2$$

## qi geera 14

1. mothá thá animírá zíí thandule mbá ma ase thá añiyuleyugú.

mithal I/  $5 \times 7 = (5 \times 2) + (5 \times 5)$  A/  $5 \times 3 = (5 \times 2) + (5 \times 1)$

1/  $5 \times 9 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$       2/  $5 \times 4 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$

3/  $5 \times 6 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$       4/  $5 \times 13 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$

5/  $5 \times 12 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$       6/  $5 \times 14 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$

$$7/ 5x 10 = (5x \underline{\quad}) + (5x \underline{\quad})$$

$$8/ 5x 8 = (5x \underline{\quad}) + (5x \underline{\quad})$$

$$9/ 5x 20 = (5x \underline{\quad}) + (5x \underline{\quad})$$

$$10/ 5x 18 = (5x \underline{\quad}) + (5x \underline{\quad})$$

2/ shak'alatha d'ok'othalegú.

$$I/ 5x (4+2) = (5x 4) + (5x 2)$$

$$= 20+ 10$$

$$= 30$$

$$A/ 5x (3+4) = (5x 3) + (5x 4)$$

$$= 15+ 20$$

$$= 35$$

$$1/ 5x (10+2)$$

$$2/ 5x (9+1)$$

$$3/ 5x (11+9)$$

$$4/ 5x (5+7)$$

$$5/ 5x (12+1)$$

$$6/ 5x (9+9)$$

$$7/ 5x (8+8)$$

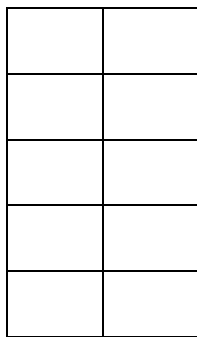
$$8/ 5x (10+5)$$

$$9/ 5x (7+8)$$

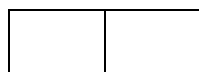
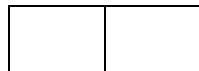
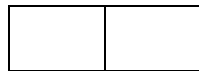
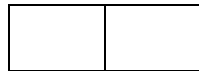
$$10/ 5x (9+10)$$

A/ Animírá zíí thandulegu gásama hamseqí (5)

Mithal I/



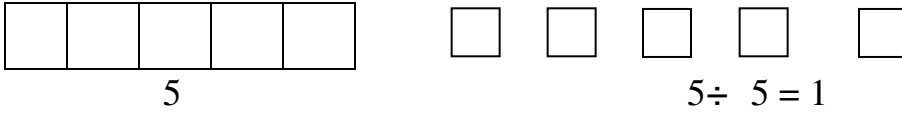
10



$$10 \div 5 = 2$$

Inshañ shugó  $10 \div 5 = 2$  nanoqi  $5 \times 2 = 10$

A/



Inshañ shugo  $5 \div 5 = 1$  nanoqi  $5 \times 1 = 5$

### qi geera 15

Ahoratha añiyuleyugú

Mithal I/  $15 \div 5 = 3$  , nanoqi  $5 \times 3 = 15$

A/  $10 \div 5 = 2$  , nanoqi  $5 \times 2 = 10$

1/  $20 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

2/  $25 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

3/  $00 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

4/  $35 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

5/  $40 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

6/  $45 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

7/  $50 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

8/  $60 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

9/  $80 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

10/  $100 \div 5 =$  \_\_\_\_\_ , nanoqi \_\_\_\_\_

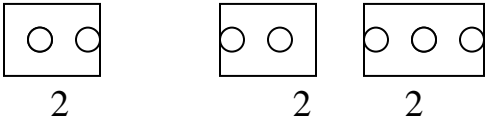
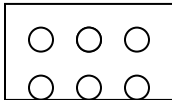
### Rotha d'oshuyu

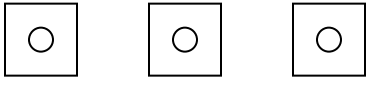
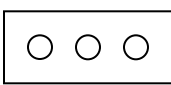
Mithal:- halima tha ashant' a k'ed'e yu dám 15 riyál tha fuudá k'ed'eyu mbalé nagasama aguudináthé 5 ayu gadí kamu fúúdá fii níne alú?

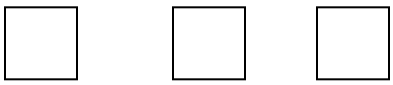

Móthá  $15 \div 5 = 3$  Inshañ shugo ayu gadí fii gála 3 riyál álú.

1. thalmarasa d'uk'úúñú maabí mbá ma bua alfarik'a AIDSU 50 mma méré mín tha mbaleyu 1/5 mama nafaale kamu na míhí?
2. 60 kamu 1/5 k'ed'e?
3. thalfasil d'uk'únúñu alkursigú holí 40 min thambaleyu gu ma rusala tha sáf 5 alkursigu kamu fíí alú tha sáf d'uk'únúñú?
4. Hawa gidí alhalawá 20 ma gásamané babanathé 5 kamu kamu fíí marthé álú?
5. seid shibiló albun 5 killo tha 45 riyál. album killo Kamu na tamane k'ed'e?

**2.2.4 Animírá zí tthandulegú aóluwa tha “1” u tha “0” u gásama d'uk'únúñeqi (1)**

Mithal 1.    
 $2 \quad 2 \quad 2 \quad 3 \times 2 = 6$

mithal 2    
 $1 \quad 1 \quad 1 \quad = \quad 3 \times 1 = 3$

mithal 3  =   
 $0 \quad 0 \quad 0 \quad 3 \times 0 = 0$

Mithal  $4 \times 0 = 0 + 0 + 0 + 0 = 0$

Zañzañtha ayu animírá zí thandule ma aóluwoña tha sifir giñ thik'iña sifir mmaane.

## qi geera 16

Ahoratha añiyulayugu

$1. 6 \times 0 = \underline{\hspace{2cm}}$

$2/ 10 \times 0 = \underline{\hspace{2cm}}$

$3/ 60 \times 0 = \underline{\hspace{2cm}}$

$4/ 26 \times 0 = \underline{\hspace{2cm}}$

$5/80 \times 0 = \underline{\hspace{2cm}}$

$6/ 25 \times 0 = \underline{\hspace{2cm}}$

Animirá zí thadulegu aóluwa tha “1”

Mithal I

$$\begin{array}{c} \boxed{\bigcirc} \\ 1 \end{array} + \begin{array}{c} \boxed{\bigcirc} \\ 1 \end{array} = \boxed{\bigcirc \bigcirc} = 2 \times 1 = 2$$

Mithal A/

$$\begin{array}{c} \boxed{\bigcirc} \\ 1 \end{array} + \begin{array}{c} \boxed{\bigcirc} \\ 1 \end{array} + \begin{array}{c} \boxed{\bigcirc} \\ 1 \end{array} = \boxed{\bigcirc \bigcirc \bigcirc} = 3 \times 1 = 3$$

Mithal m/  $5 \times 1 = 1+1+1+1+1 = 5$

Zañzañathá

Ayu animirá zí thandule ma aóluwoña tha “1” giñ  
thik’iña animira zii thandule alu k’ed’e mmaane  
Mithal Bx  $1 = B$  mx  $1 = M$

## qi geera 18

K’ap’a tha mbá fî álú háthú ahora tha añiyuléyú

Mithal I.  $5 \div 1 = 5$ , nanoqi  $1 \times 5 = 5$

A.  $0 \div 8 = 0$ , nanoqi  $8 \times 5 = 0$

m.  $0 \div 8 = 0$ , nanoqi  $7 \times 0 = 0$

1.  $6 \div 1 = \underline{\hspace{2cm}}$ , nanoqi  $1 \times \underline{\hspace{2cm}} = 6$

2.  $7 \div 1 = \underline{\hspace{2cm}}$ , nanoqi  $1 \times \underline{\hspace{2cm}} = 7$

3.  $8 \div 1 = \underline{\hspace{2cm}}$ , nanoqi  $1 \times \underline{\hspace{2cm}} = 8$

4.  $15 \div 1 = \underline{\hspace{2cm}}$ , nanoqi  $1 \times \underline{\hspace{2cm}} = 15$

5.  $23 \div 1 = \underline{\hspace{2cm}}$ , nanoqi  $1 \times \underline{\hspace{2cm}} = 23$



6.  $0 \div 1 = \underline{\hspace{2cm}}$  , nanoqi 1 x  $\underline{\hspace{2cm}} = 0$

7.  $0 \div 12 = \underline{\hspace{2cm}}$  , nanoqi 1 x  $\underline{\hspace{2cm}} = 0$

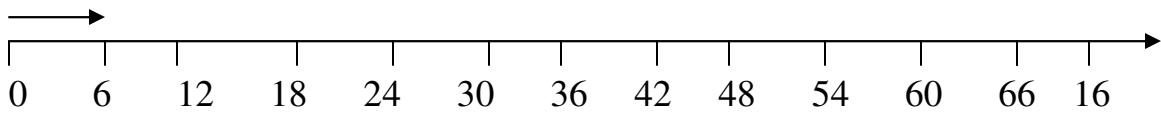
8.  $0 \div 30 = \underline{\hspace{2cm}}$  , nanoqi 1 x  $\underline{\hspace{2cm}} = 0$

9.  $0 \div 35 = \underline{\hspace{2cm}}$  , nanoqi 1 x  $\underline{\hspace{2cm}} = 0$

10.  $0 \div 9 = \underline{\hspace{2cm}}$  , nanoqi 1 x  $\underline{\hspace{2cm}} = 0$

### 2.3 Animira zii thandulegu aoluwa u gasama tha 6, tha 7, tha 8 u tha 9

#### 2.3.1 Animira zii thandulegu aoluwa tha 6.



000								$1 \times 6 = \square$
000	000							$2 \times 6 = \square$
000	000	000						$3 \times 6 = \square$
000	000	000	000					$4 \times 6 = \square$
000	000	000	000	000				$5 \times 6 = \square$
000	000	000	000	000	000			$6 \times 6 = \square$
000	000	000	000	000	000	000		$7 \times 6 = \square$
000	000	000	000	000	000	000	000	$8 \times 6 = \square$

## qi geera

1. ahóratha asánduk' a ziiyunduyule

I	I x 6
3	$3 \times 6 = 18$
4	
5	
6	
7	
8	
9	
10	

U	U x 6
9	$9 \times 6 = 54$
11	
0	
1	

2/ shak'alathá aóluwale

Mithal I/ 4  
x 6

A/ 11  
x 6

1/ 4  
x 6

2/ 10  
x 6

3/ 1  
x 6

4/ 0  
x 4

5/ 6  
x 8

6/ 6  
x 3

7/ 6  
x 2

8/ 6  
x 6

## at'ap'aqa sharfatá aóluwó

mithal I/  $6 \times 8 = 6 \times (3+5) = (6 \times 3) + (3 \times 5)$

A/  $6 \times 10 = 6 \times (5+5) = (6 \times 5) + (6 \times 5)$

## qi geera

### Ahorathá añiyulayugu

$$1. 6 \times 12 = (6 \times \underline{\quad}) + (6 \times \underline{\quad})$$

$$2/ 6 \times 4 = (6 \times \underline{\quad}) + (6 \times \underline{\quad})$$

$$3. 6 \times 15 = (6 \times \underline{\quad}) + (6 \times \underline{\quad})$$

$$4/ 6 \times 13 = (6 \times \underline{\quad}) + (6 \times \underline{\quad})$$

$$5. 6 \times 16 = (6 \times \underline{\quad}) + (6 \times \underline{\quad})$$

$$6/ 6 \times 11 = (6 \times \underline{\quad}) + (6 \times \underline{\quad})$$

### Rotha d'oshuyu

Mithal abárbad d'uk'unúñ gidí hú 8 abárbad 10 hú kamu gidímáré?

Móthal:- abárbad'uk'unúñ = hú 8

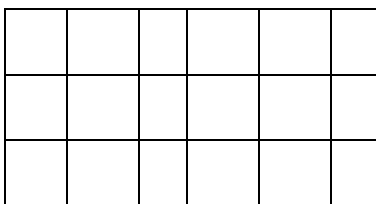
Abárbadgu 10 = 10 x 8

Inshañ shugo abárbad 10 gidí hú 80

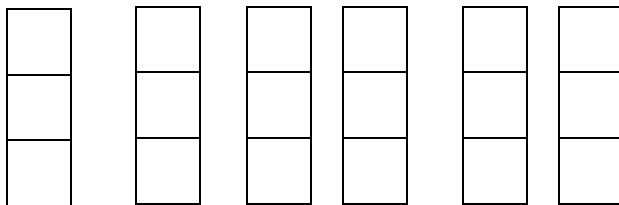
1. alkitab 1 ma má natamana k'ed'é 20 riyál alkutuba namuqigú nataman 6 kamu natamana maregu k'íllíñ?
2. maabá shák'al alyomiya ma thamagala 7 riyál thá alyomú tha 6 yóm fuudá kamu thamla ñineqi?
3. mis'egu 6 Ayu mis'e ma gida p'ip'ioogu 5 p'ip'ogu kiilliñ kamu mamare?
4. mamuna shiiló asabuna jis'ila or tháñ 6 Ayu asabund'uk' tha riyal fuudá kamu shutha nalu?
5. thalfasil d'uk'unuñu alkursigu holi mbar úsa tha saf 6 Ayu asaf mayu geedí 10 kamu geedí zii thalfasil k'illíñ

### 6. A/ Animíra zí thanduegu gásama siteqi (6)

#### mithal I



18



$18 \div 6 = 3$

A/


--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

$$30 \div 6 = 5$$

30

### qi geera 21

1/ ahoratha añiyuleyugu

Mithal  $60 \div 6 = 10$  nanoqi  $6 \times 10 = 60$

- $48 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $436 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $96 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $66 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $54 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $90 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $84 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$
- $78 \div 6 = \underline{\hspace{2cm}}$ , nanoqi  $\underline{\hspace{2cm}}$

2/ ahoratha asanduk'a ziiyuadule ma p'ishí

I	$I \div 6$
18	3
24	
30	
54	

A	$I \div 6$
12	
42	
72	
6	

## Rothá d’oshuyú

Mitha hawa gásama geedi garaqiyegu 6 irsas 6 Ayu gadi kamu irsas fíí ñine álú?

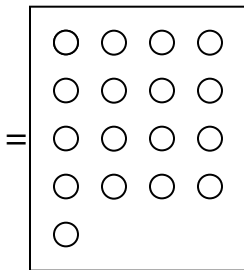
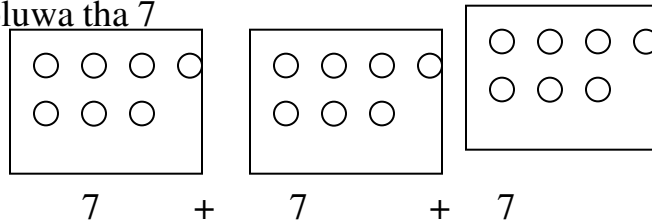
Mótha  $6 \div 6 = 1$  Insha ñ shugo Ayu gadi fii gala Irsas 1 alu

1. Babakír ma gásama geedi k’ed’e 6 fuudá 24 riyal ayu gadí fuuda kamu fíí ñine álú?
2. maabi p’aligú gidí thañí mihilegu 54 ma d’uk’unúñ. thañí mihilegu ma gásama mare, áyú maaba p’alí thañí minile kamu fíí ñine álú?
3. tha 6 riyál maashibila k’umt’a 1 tha 30 riyal kamu asurwal shibilí?
4. tha 6 riyál á shíbílo alkitaal d’uk’unúñ Tha 42 riyal alkitab kamú shibíllí?
5. alkutub 60 gásamala geedi garaqiye 6 ayu gadí garaqi kamu alkitab fii ñine álú?

### 2.3.2. Animírá zíí thandulegu aóluwa u gásama tha 7

I/ Animírá zíí thandulegu aóluwa tha 7

$$\begin{aligned} \text{Mithal I/ } 7+7+7 &= 3 \times 7 \\ &= 21 \end{aligned}$$



$$\text{Mithal A/ } 5 \times 7 = 7+7+7+7+7 = 35$$

## qi geera 22

1/ ahoratha añiyulayu

$$1/4 \times 7 = \underline{\hspace{2cm}}$$

$$2/6 \times 7 = \underline{\hspace{2cm}}$$

$$3/7 \times 7 = \underline{\hspace{2cm}}$$

$$4/10 \times 7 = \underline{\hspace{2cm}}$$

$$5/9 \times 7 = \underline{\hspace{2cm}}$$

$$6/11 \times 7 = \underline{\hspace{2cm}}$$

2/ ahoratha asanduk'a ziiyundule

A	Ax 7
0	
1	
2	
3	

## Rotha d'oshúyu

**Mithal :-** thal aisbu d'uk'únúñu 7 yomí nzííqí tha ísbu holloñoniñu kam yom ziiqí?

Mótha ísbu 1= 7 yom

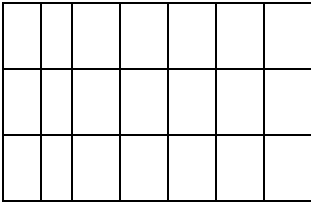
Usbu 2= 2 x 7

= 14 Inshañ shugó isbu 2 mayu 14 yóm .

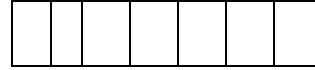
1. saleman ade thal hilayu shane geeró maabí mare. ma ñine gudó alqisbuyu talata kam yomino gudóné?
2. Amíná gidí ahap'unatha holloñoniñ nafud'ága almangagú
3. seid ad'uk'ush ad'uk'ush gii bus'uk'eqi mumuliña ma giya bus'uk'eqi mumuuliña?
4. Naqima shibíló alhalawa 7 tha girshu fuuda kamu shuthaná
5. miagu 7 ayu mia ma ála k'alme 5, k'alme kamu k'illiñ olámáré

**A/ gásama sabaqaye (7)**

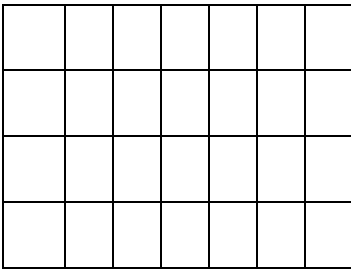
Mithal I



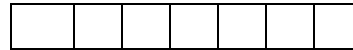
21



$$21 \div 3 = 7$$



28



$$28 \div 4 = 7$$

**qi geerá**

1/ ahorotha añiyulegu

Mithal  $7 \div 7 = 1$  nanoqi  $7 \times 1 = 7$

$5 \div 7 = 5$  nanoqi  $7 \times 5 = 35$

1.  $21 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
2.  $35 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
3.  $49 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
4.  $63 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
5.  $70 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
6.  $56 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
7.  $42 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
8.  $14 \div 7 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_

2/ ahoratha asanduk'aziiyundulayule

I	I÷7 =	Nanoqi
77	11	7x 11=77
87		
91		
98		
0		

### Rotha d'oshúyu

Mithal abba Hidir gidi 42 riyál ma gasamane geedi k'ed'e sabaqa kamu fii marthé álú?

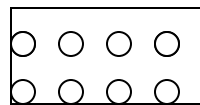
Mótha  $42 \div 7 = 6$

1. Halima shibiló mís'egu 7 tha 49 riyal kamu mis'e d'uk'únúñ n atamana k'ed'e?
2. Almaktab d'uk'únúñ máyu alkursigu 7 alkursigu 56 kamu almaktabgu ka'fáne?
3. thíñ thíñ at'álab 7 natamana k'ed'e 56 riyál thíñthíñ kamu nat'alab d'uk'únúñ?
4. Atom shibiló mis'e húúlú 63 na giya ma alfat'úr 7 na thína. Mis'e húúuhúlú shibilóne káfa nine kam yóm alfat'úreqí?
5. alkitab d'uk'únúñ natamana k'ed'e ma má 7 riyál, tha 70 riyal alkitabgu kamu mba namuqi gadárña añ shibila?

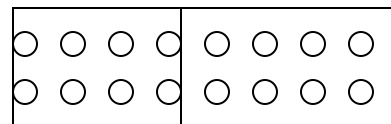
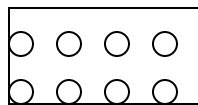
### 2.3.3 Animira zii thandulegu aóluwa u gásama tha 8

I Animira zii thandulegu aóluwa tha 8

Mithal I /



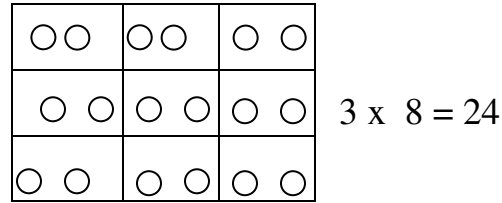
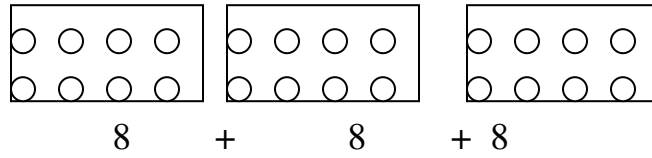
$$8 + 8$$



$$= 2 \times 8 = 16$$



Mithal I



Mithal M/  $4 \times 8 = 8+8+8+8= 32$

Mithal L/  $6 \times 8 = 8+8+8+8+8+8= 48$

### qi geera 24

1/ ahoratha añiyuleyugu

1.  $9 \times 8 =$  \_\_\_\_\_

2.  $7 \times 8 =$  \_\_\_\_\_

3.  $10 \times 8 =$  \_\_\_\_\_

4.  $11 \times 8 =$  \_\_\_\_\_

5.  $8 \times 8 =$  \_\_\_\_\_

6.  $12 \times 8 =$  \_\_\_\_\_

2/ ahorotha asanduk'a ziiyundle

X	0	1	2	3	4	5	6	7	8	9	10
2											
4											
8											

3/ fagadatha animiralgu mba ma awalare 8 u 4

1. 56, 64, 16

2. 98, 48, 4

3. 49, 72, 36

4. 24, 14, 28

4/ fagadatha animiralagu mba ma awalare 4 u 2

1/ 16, 8, 15

2/ 32, 6, 12

3/ 68, 72, 94

4/ 16, 64, 81

5/ 63, 64, 67

6/ 57, 56, 72

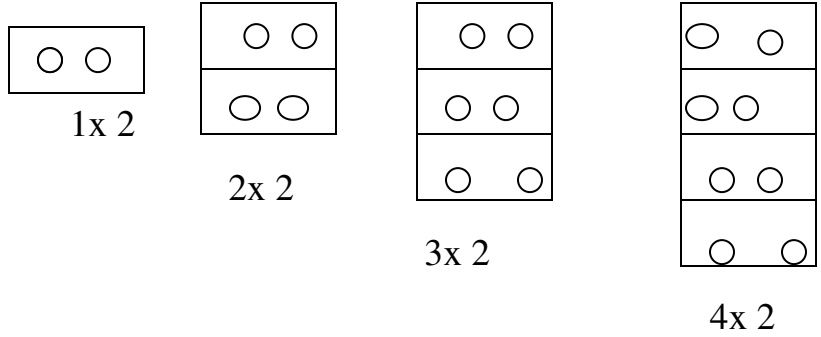
7/ 80, 83, 93

8/ 84, 88, 94

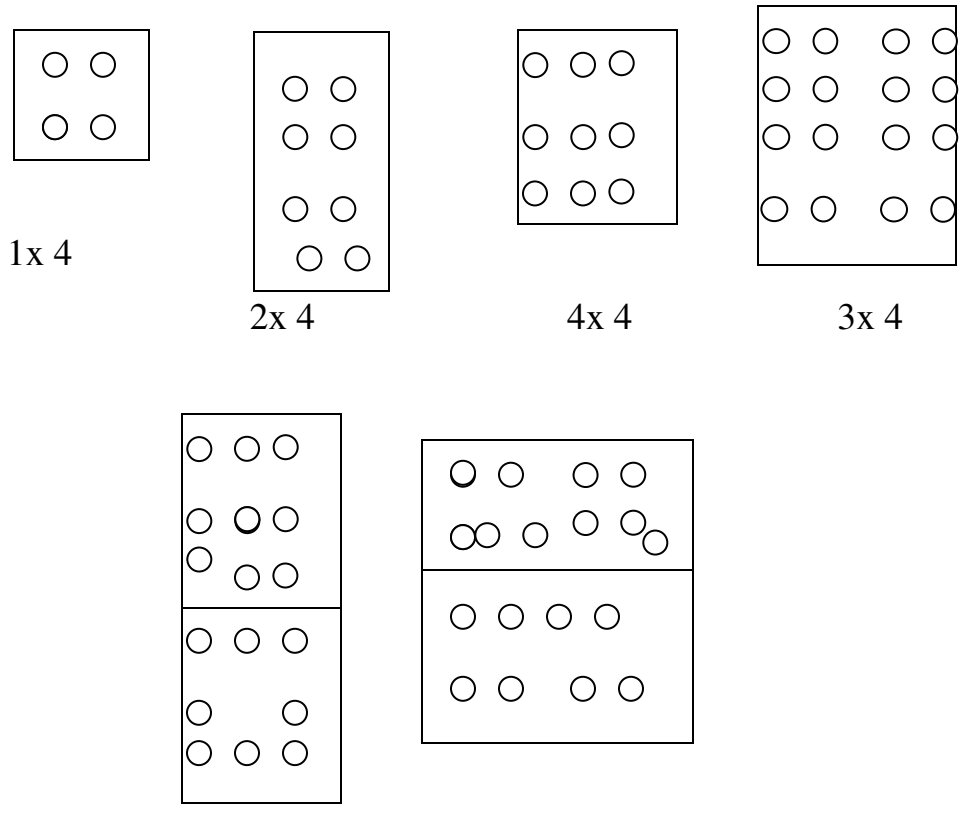
### Awalare 8 gu

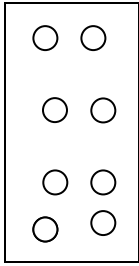
Gabúl adarsále hatháñ geera awalare 2 u 4 añ góthahú min thále añ geera qihuluwa awalaré 2,4 u 8.

Mithal I/



A/

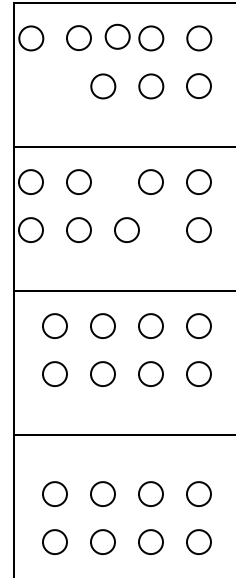




1x 8

2x 8

3 x 8



4x 8

Inshañ shugo 4 x 2= 8 1x 8 , 2x 2 = 1x 4

za ñz ñatha

Ayu awalare 4 4 awalare 2 mmaane .

Ayu awalare 8 awalare 2 u a walare 4 mmaane

### qi geera 25

1/ ahortha awalare mare tha añiylayugu

1/ 1x 2 = \_\_\_\_\_

2/ 1x 4 = \_\_\_\_\_

3/ 2x 2 = \_\_\_\_\_

4/ 2x 4 = \_\_\_\_\_

5/ 3x 2 = \_\_\_\_\_

6/ 3x 4 = \_\_\_\_\_

7/ 1x 8 = \_\_\_\_\_

8/ 3x 8 = \_\_\_\_\_

2/shak'alatha rotha d'oshuyulagu

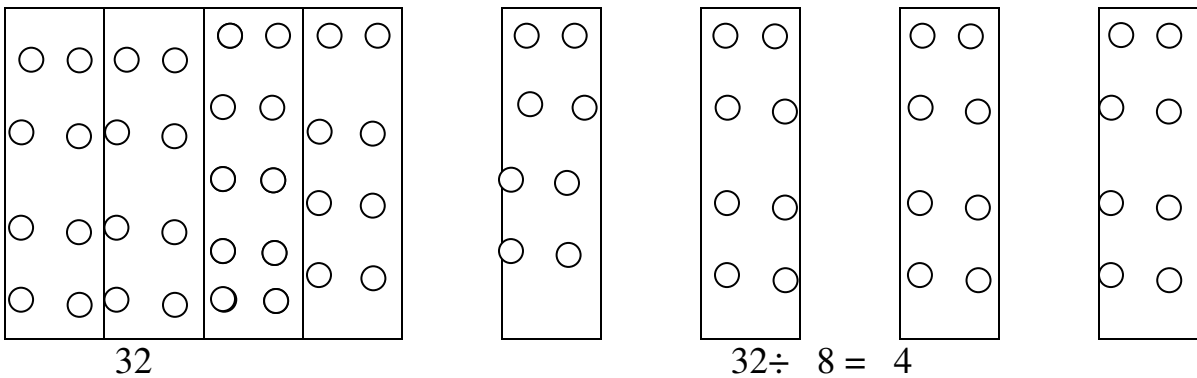
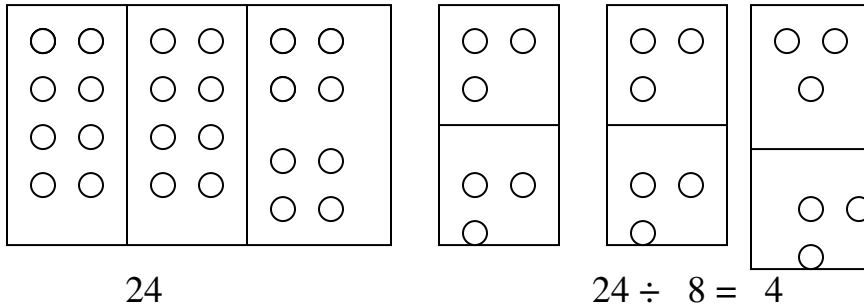
Mithal mahammed ma shibila ir k'ósh kúbayu tha 8 riyal 4 kúbaya air k'ósh kamu shibilnene tháñ?

Mótha 8x 4 = 32 mahammed shibil 4 kubaya ir k'osh thá 32 riyál

1. must'efa thal yomu thik'í 8 riyal ma shak'ale hamsa yóm mamá d'ugundí kam riyal thik'ine k'illi ñ?
2. atamana mis'e d'uk'unúñ ma má 8 riyál mis'egu 6 kamu na atamana méré?
3. geedi garaqigu 8 Ayú gadi garaqi ma faa'sa ashatil 7 kam shatil faas' mare k'illiñ?
4. Halima gidi geedi tamania ayu gadi ma shibilágáne  
a/ mozgu tamania almoz kamu shibilne k'illiñ?

### A/ gásama tha 8

Mithal I/



### qi geera 26

Ahoratha añiylayugu

Mithal  $8 \div 8 = 1$  , nanoqi  $8 \times 1 = 8$

$24 \div 8 = 3$  , nanoqi  $8 \times 3 = 24$

1.  $80 \div 8 = \underline{\hspace{2cm}}$  , nanoqi  $\underline{\hspace{2cm}}$

2.  $72 \div 8 = \underline{\hspace{2cm}}$  , nanoqi
3.  $40 \div 8 = \underline{\hspace{2cm}}$  , nanoqi
4.  $32 \div 8 = \underline{\hspace{2cm}}$  , nanoqi
5.  $64 \div 8 = \underline{\hspace{2cm}}$  , nanoqi
6.  $48 \div 8 = \underline{\hspace{2cm}}$  , nanoqi
7.  $88 \div 8 = \underline{\hspace{2cm}}$  , nanoqi
8.  $16 \div 8 = \underline{\hspace{2cm}}$  , nanoqi

Shak'alatha rotha d'ashúyulegu

Mithal Ahmed ma shibila algamis d'uk'únúñ thá 8 riyál tha 32 riyál algamis kamu shibilne?

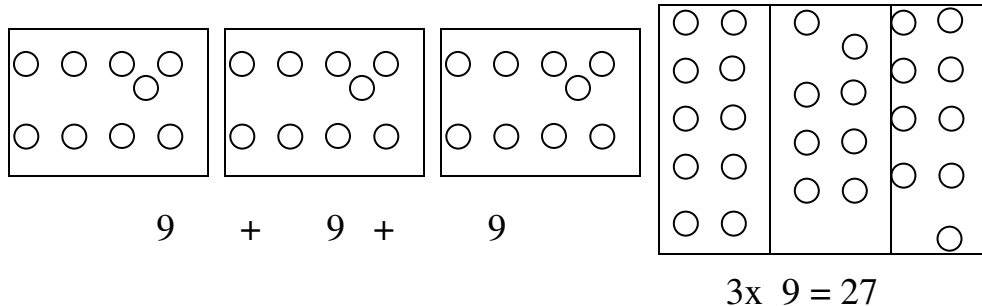
Mothal  $32 \div 8 = 4$

1. kaltum gidá 64 riyal na gasama geedi k'ed'e 8 ma namuqi ayu gadí fuudá kamu fii ñine alu?
2. Hawa tha 8 riyal ma shibla mis'e d'uk'unñ tha 40 riyal mis'e kamu shibilne?
3. thal fasil d'uk'unúñu tha arog (asaf) d'uk'unúñu ma maabi k'ale sha ágeedí garaqigú 8 ámáré d'oñonshá, geedi garaqi gu 72 asaf kamu d'oñosh mare thayu?
4. maabi p'aligu p'ála amuhúle 40 shawal ma k'ap'a mare maré gásama ayu maaba p'ali kam shawál amunúle mba fii ñine álú?

### 2.3.4 Animira zii thandulegu aóluwa u gásamatha9

I/ Animira zii thandulegu aóluwa thá 9

Mithal I



Mithal 1 I/

9 + 9 + 9 + 9

$4 \times 9 = 36$

Mithal M/  $9+9+9+9+9= 5 \times 9 = 45$

**qi geera 27**

1. ahora tha añiyulayugu

$1/8 \times 9 =$  \_\_\_\_\_

$2/10 \times 9 =$  \_\_\_\_\_

$3/7 \times 9 =$  \_\_\_\_\_

$4/6 \times 9 =$  \_\_\_\_\_

$5/11 \times 9 =$  \_\_\_\_\_

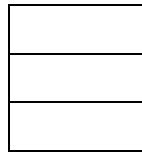
$6/9 \times 9 =$  \_\_\_\_\_

2. ahoratha asanduk'a ziiyundu aóluwole.

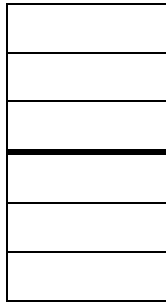
X	9	8	7	6	5	4	3	2	0
0									
1									
2									
3									
4									
5									
6									

Awalare tisaqa (9)

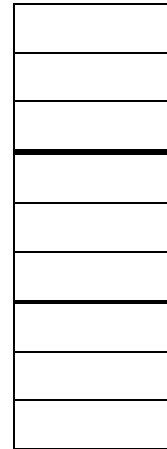
Mithal I/



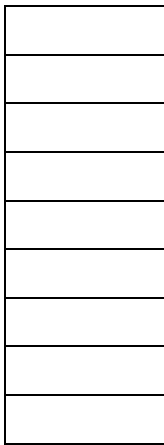
1x 3



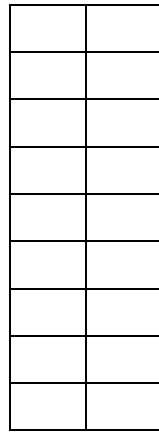
2x 3



3x 3



1x 9



2x 9 =

Inshañ shugo 3x 3

zañzañatha

= 1x 9 u 6x 3 = 18 = 2x 9

ayu animira zii thandule mba ma awalare 9 awalare 3 mmaane.

**qi geera 28**

1. ahoratha awalare 3 u 9 mbá ma ase añiyuleyugu

mithal  $21 \times 3 = 6$ ,  $6 \times 3 = 18$ ,  $2 \times 9 = 18$

1.  $4 \times 3 =$  \_\_\_\_\_ ,  $12 \times 3 =$  \_\_\_\_\_ ,  $4 \times 9 =$  \_\_\_\_\_

2.  $6 \times 3 =$  \_\_\_\_\_ ,  $18 \times 3 =$  \_\_\_\_\_ ,  $6 \times 9 =$  \_\_\_\_\_

3.  $7 \times 3 =$  \_\_\_\_\_ ,  $21 \times 3 =$  \_\_\_\_\_ ,  $7 \times 9 =$  \_\_\_\_\_

4.  $9 \times 3 =$  \_\_\_\_\_ ,  $27 \times 3 =$  \_\_\_\_\_ ,  $9 \times 9 =$  \_\_\_\_\_

2. ahoratha asanduk'a ziyunduyule

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

00	00	00	00
----	----	----	----

00	00	00	00
----	----	----	----

			○ ○ ○ ○ ○ ○ ○ ○ ○ ○						
3	3	6					21		
9	9	18					63		

A/ Animira ziithandulegu gásama tisaqaye(9)

Mithal 1/

9

○	○	○	○	○	○	○	○	○
---	---	---	---	---	---	---	---	---

○ ○ ○ ○ ○ ○ ○ ○ ○ ○	$9 \div 9 = 1$
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	

18

$$18 \div 9 = 2$$



## qi geera 29

Ahoratha añiyulayugu

Mithal  $90 \div 9 = 10$  , nanoqi  $9 \times 10 = 90$

1.  $81 \div 9 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
2.  $45 \div 9 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
3.  $36 \div 9 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
4.  $54 \div 9 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
5.  $74 \div 9 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_
6.  $63 \div 9 =$  \_\_\_\_\_, nanoqi \_\_\_\_\_

### rotha d'oshúyu

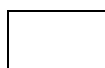
**mithal:-** Abdela ma shibila asábún d'uk'únúñ tha telata riyál asabun tisaqa kamu riyal shibilné than

mótha  $3 \times 9 = 27$  riyal

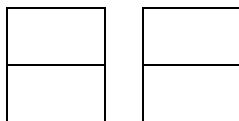
1. Alkúrs d'uk'únúñ gidi hú arbaqa alkursigu tisaqa hú
2. atamana almanga arealu d'uk'únúñ taarifa mmaane alanga aré álú 9 kamu mane?
3. maaba shákál alyoniya thalyomu ma thik'a sabaqa riyál tha tisaqa yomu fuudá kamu thik'ine?
4. Babakir ma shibila alburukan ashara tha riyal tha tisaqa riyal alburtukan kamu shibilne?

### Animira zii thandulegu mba olúqi taani maqi mare.

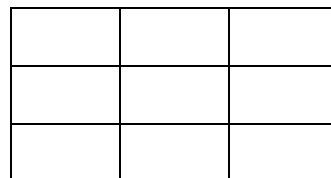
Mithal I/



$$1 \times 1 = 1$$



$$2 \times 2 = 4$$



$$3 \times 3 = 9$$

**Thamatha thahuyu :-** Ayu animira zii thandule ma aóluwo  
 maqi k'ed'e gíñ thiki A taníña aólo animira  
 zii thandule ns'ulane.

1. ma aóluwoña A maqi k'ed'e gi Thik'i A 1 mmane
2. ma aóluwo a maqik'ed'e giñ thik'íña 4 mmaane
3. ma aóluwoña maqi k'ed'e giñ thik'íña 9 mmaané.

Inshañ shugo 1, 4, 9 mba oluqi taani maqi mare ns'ulanegu.

### qi geera 30

fagada tha animira zii thandulegú hathu Lik'athálú mbá oluqi taaní maqí k'ed'é.

Mithal  $16 = 4 \times 4 =$  Inshañ shugó 16 oluqi taani maqi k'ed'e mmaane

- |                   |                |
|-------------------|----------------|
| 1. 36, 21, 24     | 2. 24, 18, 27  |
| 3. 14, 18, 20, 25 | 4. 81, 145, 64 |
| 5. 8, 9, 6        | 2. 72, 48, 100 |

7/ aólu tha animira zii thandulegu mín 1-9 maqi mare hathu

k'ap'atha animira zii thandule mba óluqi taaní maqí k'ed'e

Rotha d'oshúyu

Mithal thañigu 33 ma k'ap'aña añ gásama maabi p'aliyegu tisaqa manamuqi ayu maaba p'ali kamu thañi fii ñine alú?

Mótha  $63 \div 9 = 7$

1. Mamuna gida 45 riyál ma gásamane geedí k'ed'egu tisaqa ma namuqi ayu gadi kam riyal wasál ñinethí?

2. alikutub 72 gásamala geedi garaqiyegu tisaqa ma namuqu ayu gadí kamu hosal ñineqí?

3. alqísbu d'uk'únúñ mayu sabaqa yom tha tisaqa aisbu kam yóm zuuqí?  
Alqalama alhisaabugu shambá mad'u márez gúndí

Alqalama alhisababugu arbaqa k'ed'e thathap' negasa, aoluwa u gásama garawoña gu kutuúr kútúr Hasá Shíñ añshak'ala Ayu d'oshuwa mba dáñ alqalama zíí holloñoniñ (mbá hor áñ)

Mithal I/  $3+(7 \times 2)$  alqawal añ shal'ala mba zíí tha agoñorú

=  $3+ 14$  alqalama aóluwo añ boróñ ahak'ala alqalama tha thap'u

A/  $8- (2 \times 3)$  alqawal añ shak'ala aqoluwa zii tha añ biróñ shak'ala nagasa.

M/  $(9 \div 6) - 6$  alqawal añ shak'ala mba zíí tha agoñgoru na gásam añ baro shak'ala nagaza.

$$= 3+6$$

$$=9$$

I/  $(18 \div 6) - 3$  alqawal añ shak'ala gasama zii tha agoñgorú añ boróñ shak'ala negasa.

$$= 3-3$$

$$= 0$$

### qi geera 31

Mothatha móthañ gamagu map'ish tha añiyuleyugú

1.  $2+ (5 \times 8) =$  \_\_\_\_\_      2/  $3 \times (4 \times 6) =$  \_\_\_\_\_

3.  $(5-2) \times 2 =$  \_\_\_\_\_      4/  $9 \times (10-9) =$  \_\_\_\_\_

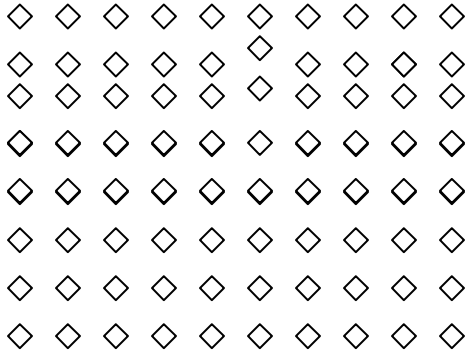
5.  $(20 \div 2)+6 =$  \_\_\_\_\_      6/  $(42 \div 7)+10 =$  \_\_\_\_\_

7.  $(18 \div 9) - 7 =$  \_\_\_\_\_      8/  $(44 \div 4)- 10 =$  \_\_\_\_\_

### Ak'uus'o 3

### Animira zii thandulegu le tha 1000

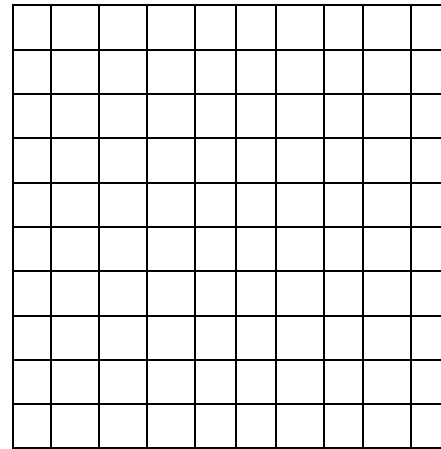
Awalaré 100 gú



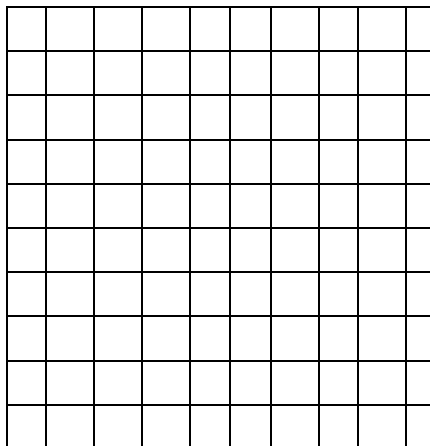
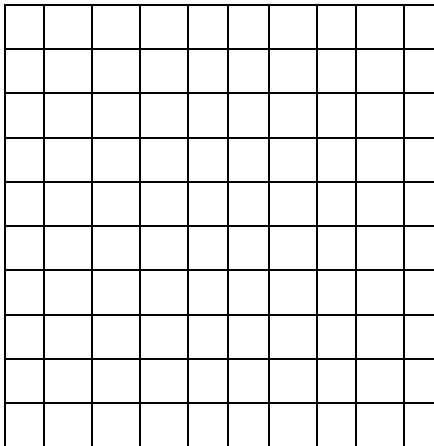
$$10+10+10+10+10+10+10+10$$

$$10+10 = 100$$

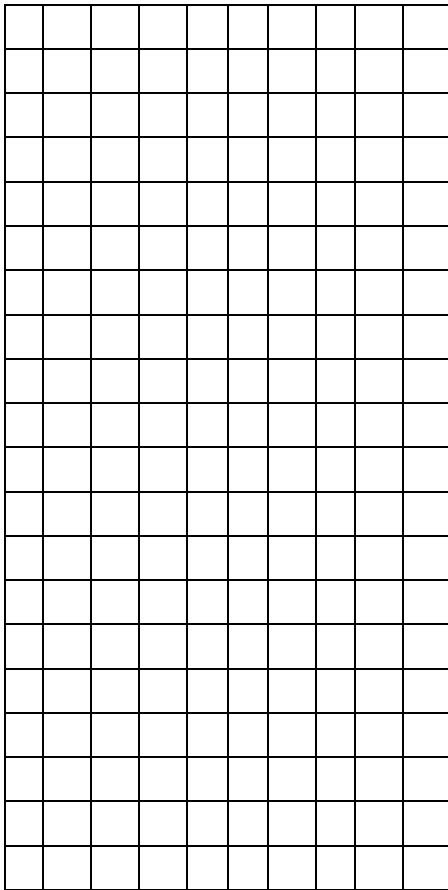
2/



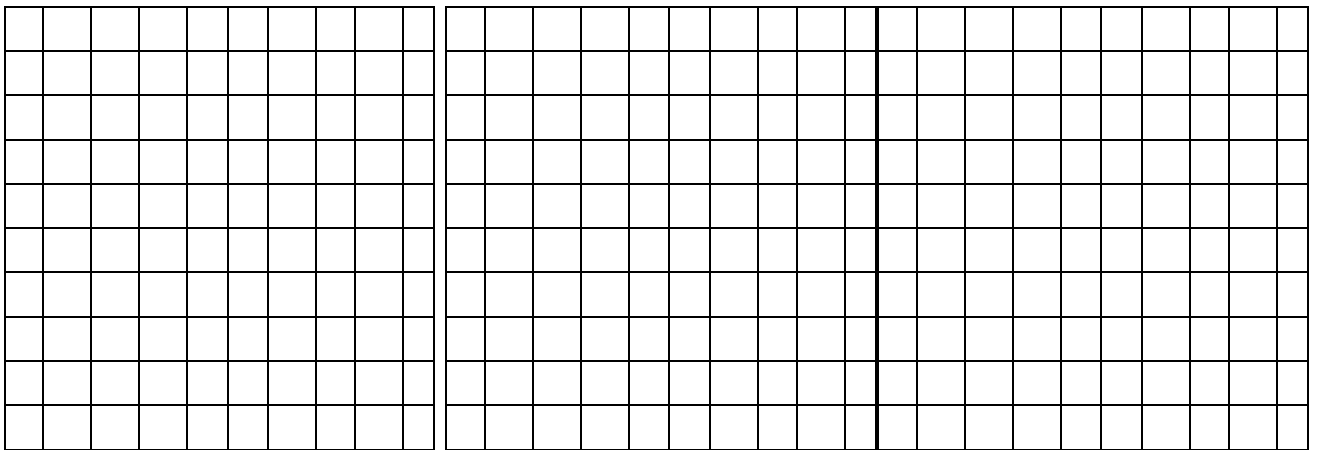
100(míyá)



$$100+100=200$$
$$2 \times 100 = 200$$



200 (mítéén)



100+

100

+ 100 =

3x 100 = 300

$$\begin{aligned} 4/ 100+100+100+100 &= 4x 100 \\ &= 400 \end{aligned}$$

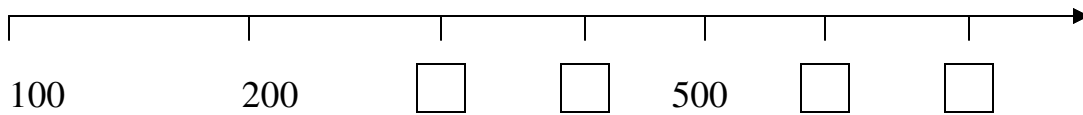
### qi geera 1

1/ animírá zii thanduleagú mbá ma kataba thal huruuf katabathat ha animira.

1/ situ miya = \_\_\_\_\_ 2/subu miya = \_\_\_\_\_

3/ tisu miya = \_\_\_\_\_ 4/arbú miya = \_\_\_\_\_

2/ ahoratha asanduk'alegu ziqi tha mundi animiroyú



3/ katabtha animírá zii thandulegu thál hurúuf

1. 800 = \_\_\_\_\_ 2. 500 = \_\_\_\_\_

3. 600 = \_\_\_\_\_ 2. 1000 = \_\_\_\_\_

4/ ahoratha mba athap'ulaqigu tha añiyuleyugú

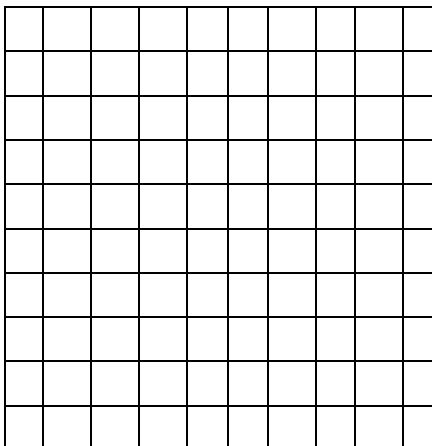
Mithal I/ 400 = 300+100+100 A/600 = 300+300

1. 700 = 300+ \_\_\_\_\_ 2. 500 = 200 + \_\_\_\_\_

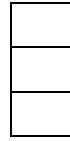
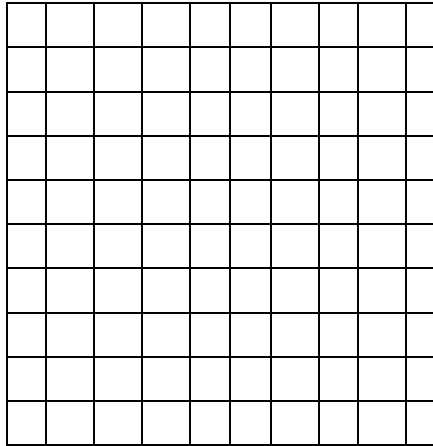
3. 400 = 200+ \_\_\_\_\_ 4. \_\_\_\_ +600 = 900

5. 500+ \_\_\_\_\_ = 1000 6. 300+ \_\_\_\_\_ = 800

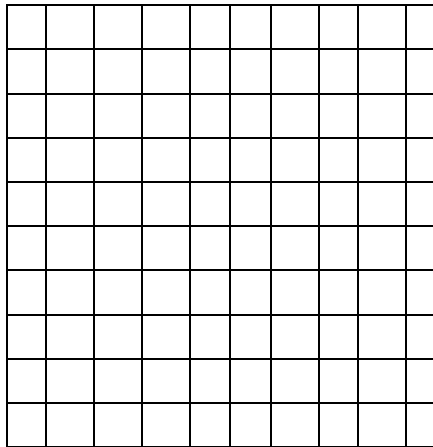
### 3.2 Animírá zii thandulegú mín 101 Le thá 1000



$100+2 = 102$



$$100+3 = 103$$



$$100+4 = 104$$

qi geera 2

1. animírá zíí thandule mbá katabalágu tha animírá katabatha thalhuruúf

Mithal 101 = miyau wahíd (miyau d'uk'unúñ)

1. 102 = \_\_\_\_\_ 2. 103 = \_\_\_\_\_

3. 104 = \_\_\_\_\_ 4. 105 = \_\_\_\_\_

5. 106 = \_\_\_\_\_ 6. 107 = \_\_\_\_\_

7. 108 = \_\_\_\_\_ 8. 109 = \_\_\_\_\_

2/ animírá ma katabalegu thálhurúf katabatha thá animírá.

Mithal:- miyau d'uk'únúñ= 101

1. míyu holloñoniñ= \_\_\_\_\_
2. miyau talata = \_\_\_\_\_
3. miyau hamsa = \_\_\_\_\_
4. miyau sabaqa = \_\_\_\_\_
5. miyau arbaqa = \_\_\_\_\_
6. miyau tamania = \_\_\_\_\_
7. miyau sita = \_\_\_\_\_
8. miyau tisaqa = \_\_\_\_\_

3/ shak'alatha thal mithalale

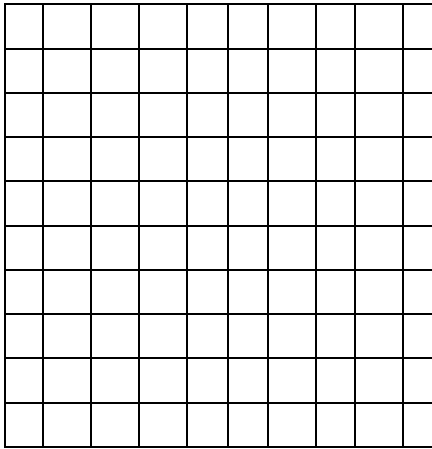
Mithal I/ 101 = 1 miya +0 Asharagu+ 1 d'uk'únúñgu

A/ 102 = 1 miya +0 asharagu+2 d'uk'únúñgu

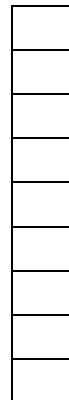
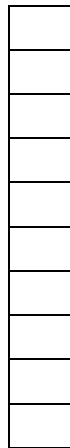
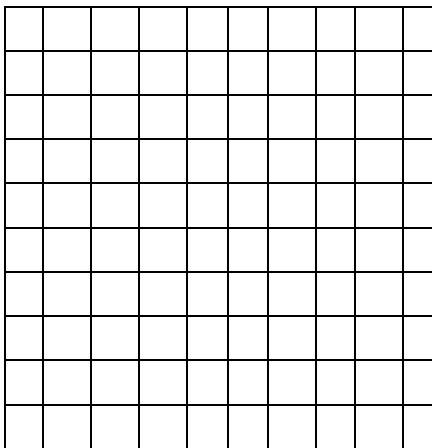
1. 103 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
2. 104 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
3. 105 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
4. 106 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
5. 107 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
6. 108 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
7. 109 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú
8. 110 = \_\_\_\_\_ miya + \_\_\_\_\_ asharagú + \_\_\_\_\_ d'uk'únúñgú



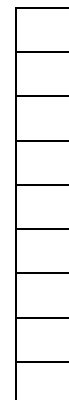
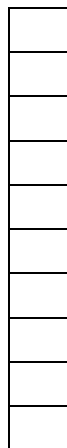
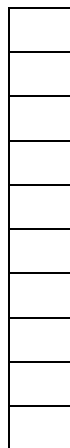
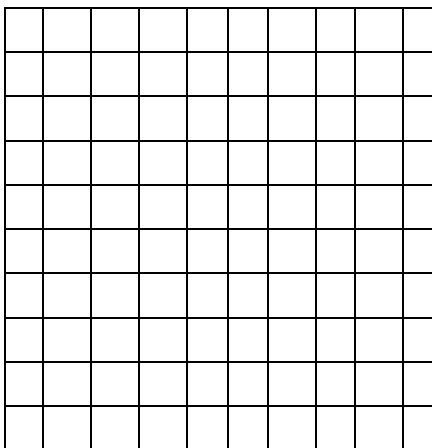
Le shok'óñ animirá zíí thandulegú garawóña mín 100 le 110 hasi shín animirá zíí thandulegu mín 100 le 199 ñinéñ garaña.



$$100 + 10 + 1 = 111$$



$$100 + 10 + 9 = 119$$



$$100 + 20 + 9 = 129$$

$$100+30+9 = 139$$

Miya+ telatin+ tisaqa= miyau tisaqo telatin

$$100+40+8 = 148$$

Miya+ arbaqin + temania = miyau temaníyau arbaqin

$$100+70+6 = 176$$

Miya +sabaqin +sita= miyosito sabaqin

$$100+80+7 = 187$$

Miya +temanin+ sabaqa= miyau sabaqu temanun

$$100+ 90+ 9 = 199$$

Miya + tisaqin + tisaqa = miyau tisaqu tisaqin

### **qi geera 3**

1/ tha animíráleyu miyagu, asharagu u d'uk'unúñ k'ap'atha hathu ahoratha tha añiyulayugu.

Mithal 173 = 1 miya + 7 asharagu +3 d'uk'unúñgu.

1. 124= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

2. 125= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

3. 136= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

4. 143= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

5. 155= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

6. 155= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

7. 157= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

8. 164= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

9. 188= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

10.190= \_\_\_\_\_ miya + \_\_\_\_\_ asharagu + \_\_\_\_\_ d'uk'unúñgu

2/ anímíralegu ma kataba thálhurúúf katabathá thanímírá

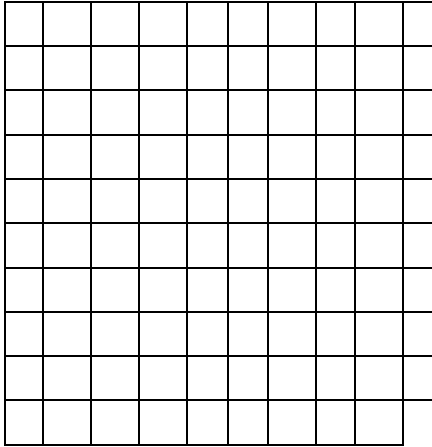
Mithal

1. míyau talat'ashar = 113
2. míyau Itnenu shirin = \_\_\_\_\_
3. míyau hamsu telatin = \_\_\_\_\_
4. míyau tiset'ashar = \_\_\_\_\_
5. míyau ashara = \_\_\_\_\_
6. míyau tisaqu telatin = \_\_\_\_\_
7. míyau Itnenu arbaqin = \_\_\_\_\_
8. míyau sabaqu hamsin = \_\_\_\_\_
9. míyau hamsu sitin = \_\_\_\_\_
10. míyau talatu temanin = \_\_\_\_\_
11. míyau wahidu tisaqin = \_\_\_\_\_
12. míyau tisaqu tisaqin = \_\_\_\_\_

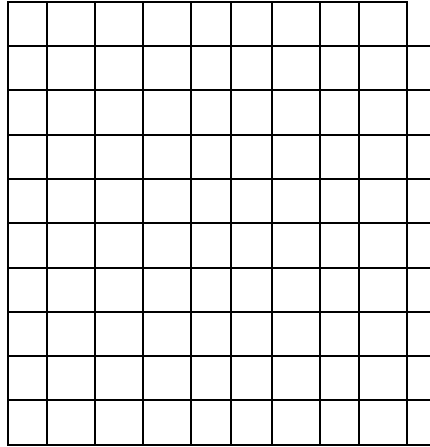
3/ katabatha animírá ma katabalegu tha animírá thalhurúúf

- |                 |                 |
|-----------------|-----------------|
| 1. 114 = _____  | 2. 119 = _____  |
| 3. 121 = _____  | 4. 125 = _____  |
| 5. 134 = _____  | 6. 108 = _____  |
| 7. 126 = _____  | 8. 140 = _____  |
| 9. 162 = _____  | 10. 167 = _____ |
| 11. 178 = _____ | 12. 188 = _____ |
| 13. 190 = _____ | 14. 199 = _____ |
| 15. 192 = _____ | 14. 196 = _____ |

Mithal I/



100



99



1

$$100+99+1 = 200 \text{ (miten)}$$

$$\text{Mithal A/ } 200+9 = 209 \text{ (mitenu tisaqa)}$$

$$\text{Mithal M/ } 500+8 = 508 \text{ (humsu miyau tamania)}$$

**qi geera 4**

1/ animírá zíí thandule mbá katabalagu thal hurúúf kataba tha tha animíra.

1. miyau at'nashar = \_\_\_\_\_
2. tultu miyau tisaqu shitin = \_\_\_\_\_
3. arbumiya u ashara = \_\_\_\_\_
4. humsu miya u arbaqa = \_\_\_\_\_
5. situ miya u arbaqa = \_\_\_\_\_
6. tisu miya u Itnen = \_\_\_\_\_
7. tumun miya u tisaqa = \_\_\_\_\_
8. mitenu tisaqa = \_\_\_\_\_

2/ mbá ma katabalegu tha animira katabatha thalhurúúf.

1. 326 = \_\_\_\_\_
2. 337 = \_\_\_\_\_
3. 298 = \_\_\_\_\_
4. 416 = \_\_\_\_\_
5. 589 = \_\_\_\_\_
6. 619 = \_\_\_\_\_

7. 675 = \_\_\_\_\_

8. 786 = \_\_\_\_\_

9. 797 = \_\_\_\_\_

10. 802 = \_\_\_\_\_

11. 837 = \_\_\_\_\_

12. 860 = \_\_\_\_\_

13. 867 = \_\_\_\_\_

14. 899 = \_\_\_\_\_

15. 900 = \_\_\_\_\_

16. 963 = \_\_\_\_\_

17. 989 = \_\_\_\_\_

18. 999 = \_\_\_\_\_

3/ ahoratha alqadad mba miyogu, asharogu u d'uk'únúñgu tha añiyulayugu.

Mithal 200   2   miyagu   0   asharagu   0   d'uk'únúñgu

1/ 206 \_\_\_\_\_ miyagu \_\_\_\_\_ asharagu \_\_\_\_\_ d'uk'únúñgu

2/ 209 \_\_\_\_\_ miyagu \_\_\_\_\_ asharagu \_\_\_\_\_ d'uk'únúñgu

3/ 217 \_\_\_\_\_ miyagu \_\_\_\_\_ asharagu \_\_\_\_\_ d'uk'únúñgu

4/ 329 \_\_\_\_\_ miyagu \_\_\_\_\_ asharagu \_\_\_\_\_ d'uk'únúñgu

5/ 456 \_\_\_\_\_ miyagu \_\_\_\_\_ asharagu \_\_\_\_\_ d'uk'únúñgu

4/ shak'alatha asanduk'a ziiyundule

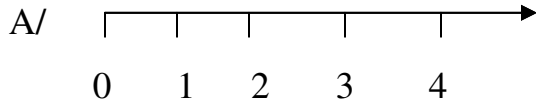
I	30+I
2	
3	33
4	
5	
6	

A	400+A
4	
5	
6	
7	
8	408

M	800+M
6	806
7	
8	
9	
10	

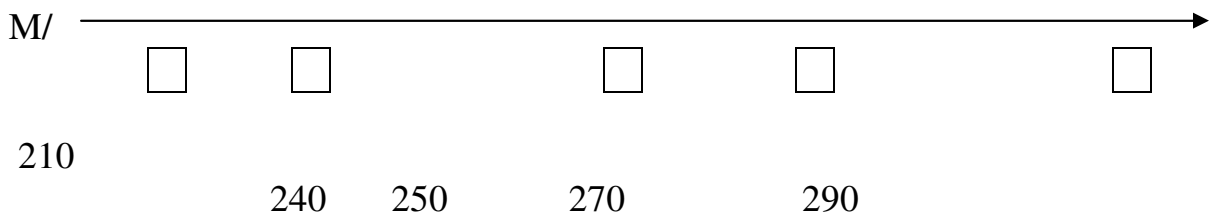
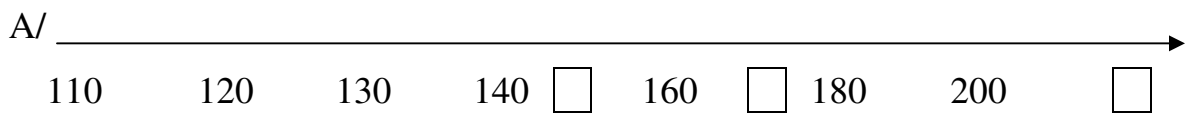
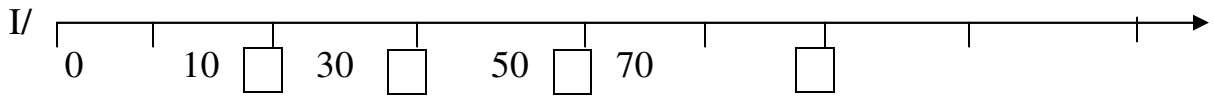
**3.3 Animira zii thandulegu le tha 1000 shamba mad'u mare gundí**

Mithal I/ animira zii thandulegu min tha sifiru niínéñ tharne



**qi geera 5**

1/ ahoratha asanduk'a zii tha mundi lhisabuleyu



**Page 105 Not complet**

Animiralegu k'ap'athá mbá thár marthé hugú

Mithal I/ 109 mba mad'í ñine 110 mmaané

A/ 320 mba mad'í ñine 321 mmaane

- 1. 119      2. 149      3. 109      4. 189
- 5. 121      6. 150      7. 209      8. 229
- 9. 339      10. 509      11. 669      12. 599
- 13. 719      14. 739      15. 700      16. 800
- 17. 500      18. 649      19. 702      20. 999

4/ ahoratha animira ma alú gugud'í ñalegu tha asanduk'aleyú.



A/

159			161				165				168
-----	--	--	-----	--	--	--	-----	--	--	--	-----

M/

789		791			794			197			
-----	--	-----	--	--	-----	--	--	-----	--	--	--

L/

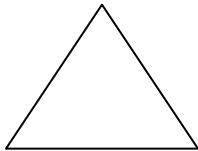
871			964			877					882
-----	--	--	-----	--	--	-----	--	--	--	--	-----

D/

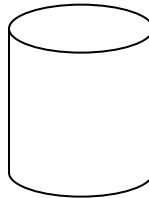
987		989									
-----	--	-----	--	--	--	--	--	--	--	--	--

### Ak'us'o 4

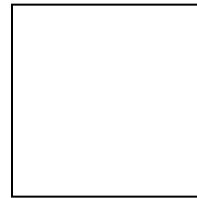
#### Alqalama Glqometírú



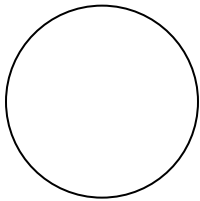
theele talata



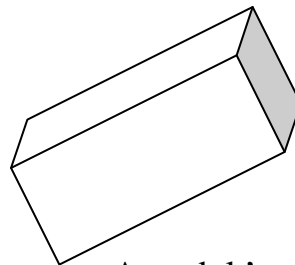
alkos



theele arbaqa



Shimbir



Asanduk'

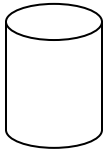
qi geera 1

Motha tha d'ok'othalegú

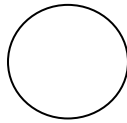
1. rotha tha gíñ zíí tha añañ gamayugu mba ma shimbír?

2. rothathan giñ zíí tha aññgamayugu mbá ma asandúk'?
3. rothatha giñ gidí thééle talatagu?
4. rothatha giñ ma alkosgú?
5. sawara tha alqalama gidi thee le arbaqa?

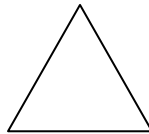
#### 4.1 Alqalamá gíqometiru fagadá ú hú daadó



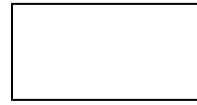
Alkós



shimbír



thééle talata



thééle arbaqa

#### qi geera 2

1. motha tha d'ok'othalegu

mithal:- alkura ila shaañ ziine na shakila k'ed'e? ma shimbír

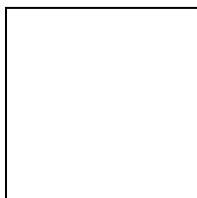
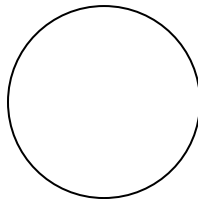
1/ Ashuba'ka almadarasa ñgama shañ zííne na shakila k'ed'é?

2/ Gay pila p'imp'il thán shañ zííne nashak'ila k'ed'e?

3/ P'imp'il shañ ziine na shakila k'ed'e?

2/ fagádatha alqalamalégu mbá namúqi

1.





3/ fuud' átha alqalamale húgu.

1.

2.

3.

4.

#### 4/ Sawara tha alqalamálegu

1. alqalama ar'arap'eso
2. alqalama algalamu
3. alqalama théélé talato
4. alqalama théélé arbaqo

#### **Anuk'ut'a u Asát'ur**

##### **4.2.1 Anuk'ut'a**

Alqalamale “•” mba anuk'ut'óne

Anuk'ut'a gadárña añ daahú thal harif

Mithal • I

nanuk'ut'a “I” na'ulane

• A

anuk'ut'a “A”

nas'ulane

• M

anuk'ut'a “M”

nas'ulane

Thamatha thaluyu Anuk'ut'a wala gidi s'uruña thirthu u s'uruña shoru alqalama hasabo mmaane.

#### **qi geera 3**

1. ahoratha añiylayugu

1. the asanduk'aleyu anuk'ut'agu holigu \_\_\_\_\_ ■

• I	• A
• M	• D

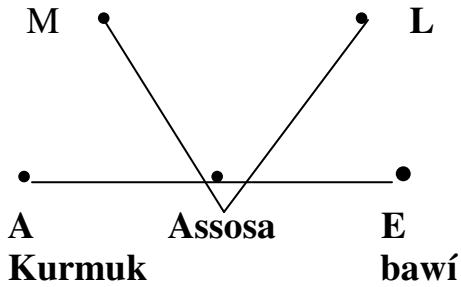
anuk'ut'alegu shamba s'ulanegu \_\_\_\_, \_\_\_\_, \_\_\_\_

U **gadárña** añkatabagu.

2. Hoshalatha alqalamale tháñ hathu mótha thá d'ok'othalegu.

Gízan

sherk'ole



1. **anuk'uta madiñ** Assoaai

\_\_\_\_\_ Mmaane.

2. **anuk'ut'a madiñ** Gízanqi

\_\_\_\_\_mmaane.

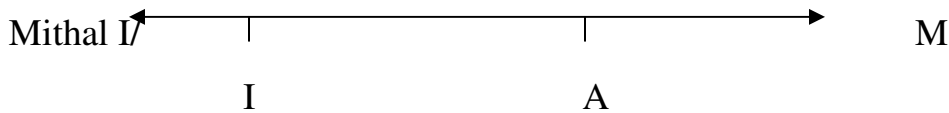
3. **anuk'ut'a madiñ** kurmukqi

\_\_\_\_\_mmaane.

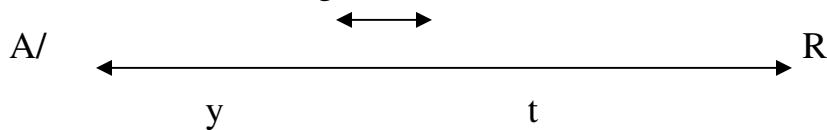
4. **anuk'ut'a madiñ** kurmukqi \_\_\_\_\_mmaane.

5. **anuk'ut'a madiñ** bawíqi \_\_\_\_\_mmaane.

#### 4.2.2. Asat'uro dáñ tha ñorí



Asat'ura ziiqi mba d'afar tha anuk'ut'a "A" mbale asat'ura dám thañorí M nas'ulane tha asat'ura dáñ thañorí M alú anuk'ut'a "I" uanuk'ut'a "A" holigu.



anuk'ut'a "y" u anuk'ut'a "t" tha asat'ur "R" alú niineñ zii maré asat'ura dañ thañori "R" d'afar tha anuk'ut'a "R" d'afar tha anuk'ut'a "y" u anuk'ut'a "t" alú

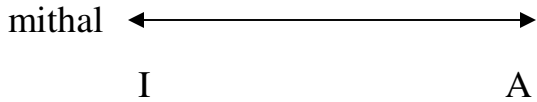


asat'ura dáñ thañori gadárña añ daahú “R” thandumañ yt gadárla aladaahu. Alqalamale “ $\longleftrightarrow$ ” alqalama alhisaabu mbá asat'ura dáñ thañori mmaane.

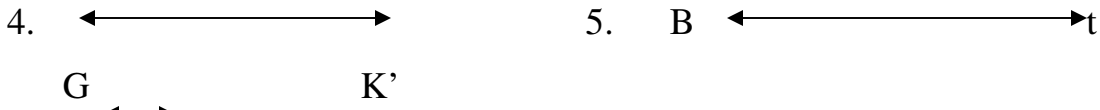
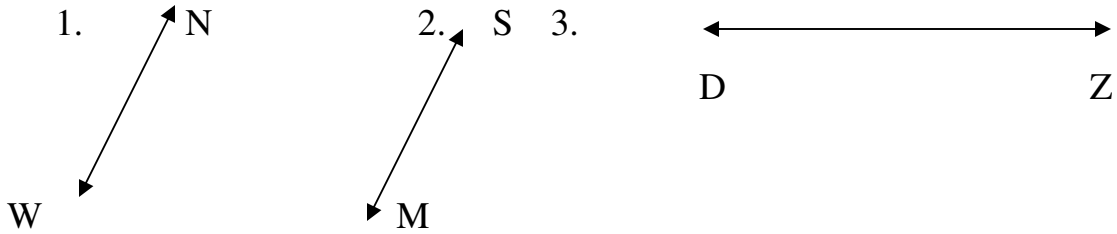
Thamatha thalíyu

asat'ura dáñ thañori wala gidi añ thárne u añ shúrine hu.

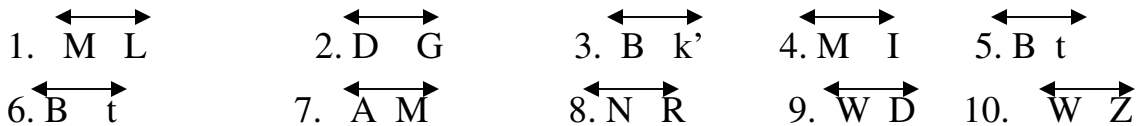
1. asat'uralegu dáñ thañori fuud'átha anuk'ut'a húgu holloñoniñ.



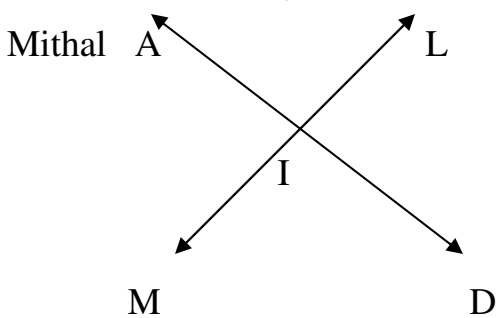
asat'ura dáñ thañori  $\Gamma \longleftrightarrow A$   
 walla  $\Gamma \longleftrightarrow A$  gadárña añ daahú.



Mithal AB



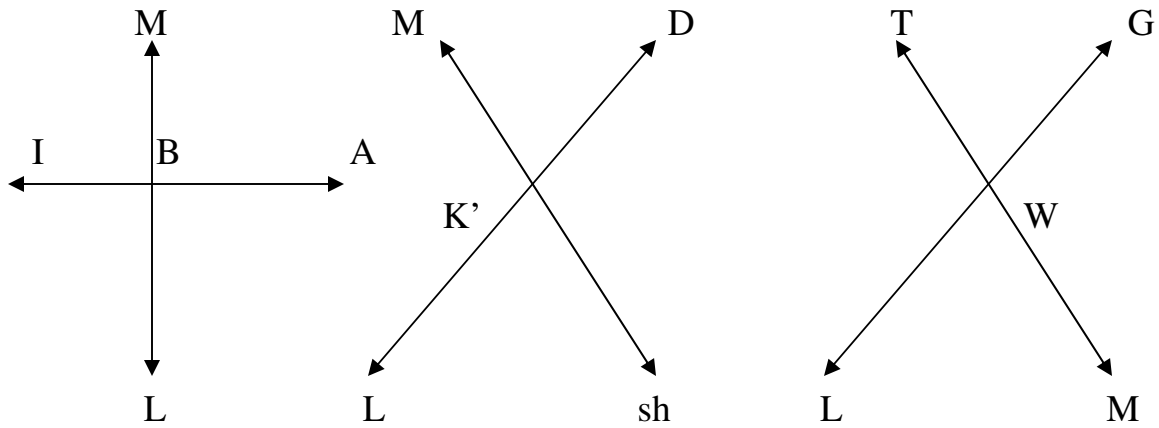
Asat'ura k'ithuárágu



ast'ur “AD” u asat'ur “ML”  
 anuk'ut'a k'ithuwo máré áre than “I”  
 mmaane.

qi geera 5

Madíñatha asat'ura dáñ thoñorileqigu aña k'ithu m'aré áre.



1. IA u M L anuk'ut'a k'ithu mare aretháñ \_\_\_\_\_ mmaane
2. LD u M sh anuk'ut's k'ithu mare áre tháñ \_\_\_\_\_ mmaane
3. LG u MT anuk'ut'a k'ithu mare are tháñ \_\_\_\_\_ mmaane

**qihuluwa anuk'ut'o mare asat'ura dáñ thañori u alaqlama theele telato u alqalama theele arbaqawo.**

**qihuluwa anuk'ut'o mare asat'ura dáñ thañorí**

**giñ holagíña (giñ thik'íña) asat'ura ns'uláne.**

**mithal** I A

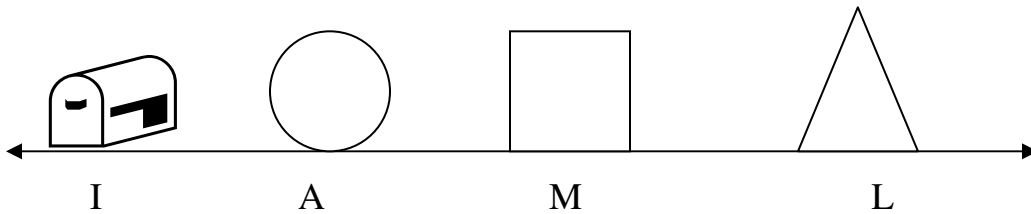
giñle asat'ur IA nne

Asat'ura dáñ thañorí daalá hú thalharif mbale I A nne

Asat'ura dáñ thañori daalá hú thalharif mbale I A ñineñ madíñanaqi thal alqalama.

**qi geera 6**

Hoshalatha alqamaletañgu zíí tha sat'ura d'áñ thañori álú hathu mótha thá d'ak'óthalegu.



1. Alqalama shúlu aña thik' une tha anuk'ut'a \_\_\_\_\_ alú mmaane
2. alqalama theelee arbaqa aña thik' une tha anuk'ut'a \_\_\_\_ alú mmaane
3. Alqalama theelee telata aña thik' une tha anuk'ut'a \_\_\_\_ alú mmaane
4. alqalama shimbiru aña thik' une tha anuk'ut'a \_\_\_\_\_ alú mmaane
5. Alqalamá shimbiru aña thik' úne tha anussa alqalama \_\_\_\_\_  
U \_\_\_\_\_ mmaane.
6. Alqalamá theelee arbaqawo aña thik' une tha anussa alqalama .  
\_\_\_\_\_ U \_\_\_\_\_ mmaane.
7. Asat'ura dáñ thañorile d'afári tha anuk'ut'a \_\_\_\_\_ , \_\_\_\_\_  
U \_\_\_\_\_ u \_\_\_\_\_ mmaane.

A/ Asat'ura shúrúñ hú

- I ———— A
- Anuk'ut'a "I" u anuk'ut'a "A" añ ahu-lu tha sat'ara thal mast'ara mimbalo baro gadárña áñ daahú sha asat'ura shúrúñhú IA.
  - Alqalamale "\_\_\_\_\_" mba asat'ura shúrúñ hú thal alqalama Alhisaabuyu.
  - gadárña añ kataba asat'ura shu'ruñ hú IA walla  $\overline{IA}$ .

Thamatha thalíyu

Asat'ura shúrúñ hú gidí anuk'ut'a aña ahathine u  
aña shúrúñne hú.

1. shak'ala tha asat'ura shúrúñ húlegu

mithal nñ n ñ  
1. IA 2. MG 3. nR 4. k'B  
5. LD 6. nM

2. ahulutha anuk'ut'alegu hathu shak'alatha asat'ura shúrúñ hú

1. • 2/ • • B  
K'

• W 4/ L • • R

3/ W • • Z

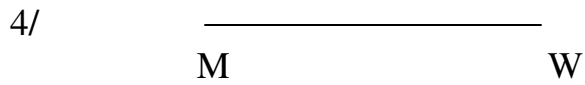
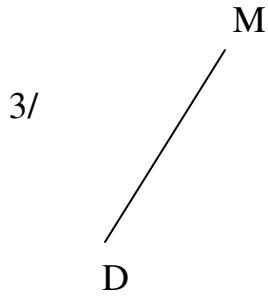
3/ asat'ura shurúñ húlagu kataba tha nalqisma mare.

1/ F Z 2/ I  
3/ t' P' A  
4/ D M

4/ thal mast'ára walla thal hééet' fagada'tha asat'ura shúrí ñ hú mbá namuqi, mba d'ugurí mba s'ur ñí.

1/ k' \_\_\_\_\_ W

2/ \_\_\_\_\_ B

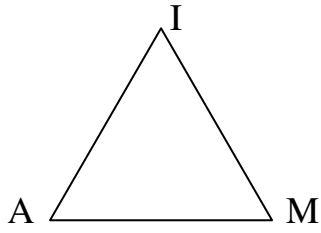
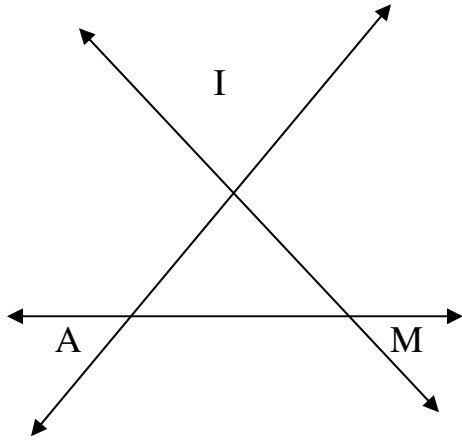


6/ Z \_\_\_\_\_ R

5/ W \_\_\_\_\_ t

**Alqalama théélé telata u théélé arbaqa**

I/ Alqalama thééélé telatagu ú añíyugu



- tha anuk'ut'alugu telata asat'ura dá ñ tho ñori shambalé zíine tha buluwe thale tha sawara

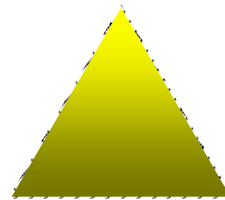
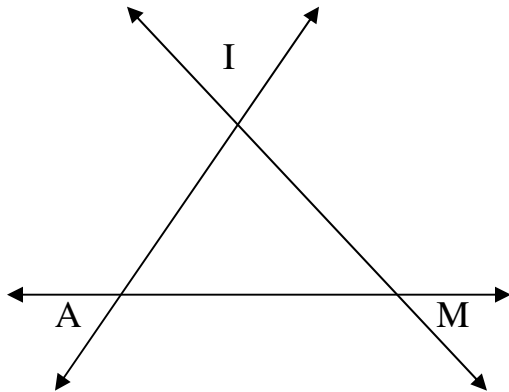
•I

A •

• M



- min “A” aña ziigala “I” sat’ára asat’ura d’áñ thañorí d’uk’únúñ shak’ala.
- Min “A” aña ziigala “M” tha sat’ára asat’ura mañ shak’ala
- Min “M” aña ziigala “I” tha sat’ára asat’ura d’áñ thañori shak’ala.

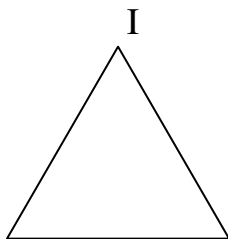


mba máyu d’ulale añiyu  
théélé tálátá mmaané.

Anuk’ut’a talatagu tha qi ahuluwa hatháñ gadárí añ shak’ala alqáláma

théele talata mbale gadárña añ daahú theelee talata IAM

Asat’ura d’áñ thañori talata aña hulu mare Nuk’t’a ns’ulane .asat’ura d’áñ  
thoñorigu talata theelegu mba theelee talata ns’ulane.



- théélé talata IAM nne.

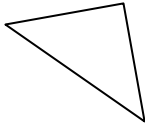
- anuk’ut’a “I” , “A” , “M” nuk’ut’ mba theelee  
talata mmaamare.

-  $\overline{IA}$ ,  $\overline{AM}$  u  $\overline{MI}$  theelee mba théélé talata  
IAM mmaa méré.

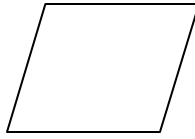
qi geera 8

1. min tha alqalamalayugu fagadátha mba ma theelee telata

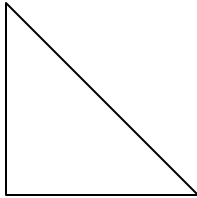
1.



2/



3/

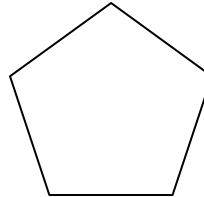


4/

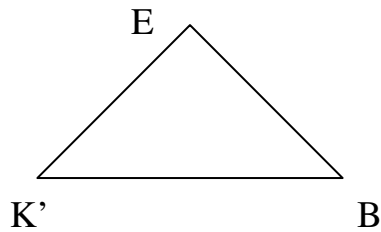


5/

6/



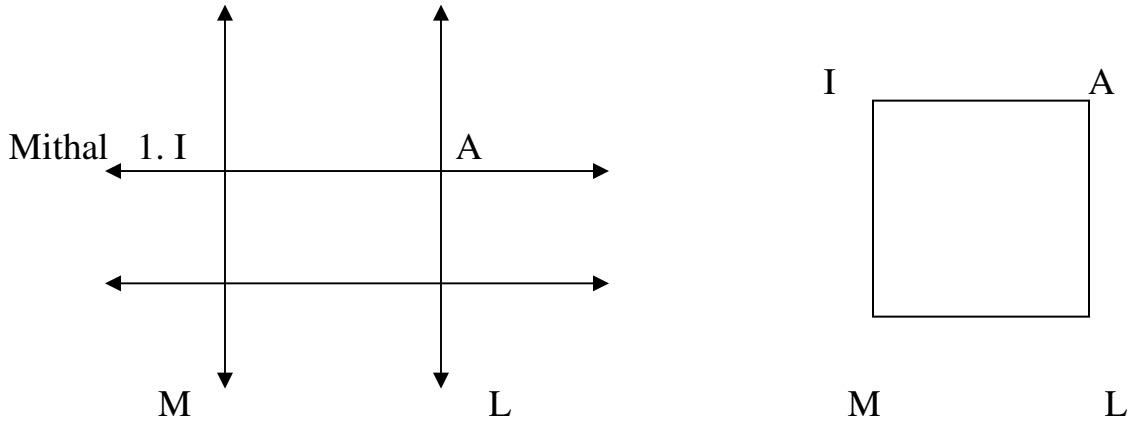
2. hoshalatha alqalamale tháñ hathu mótha thá d'ok'othalegú



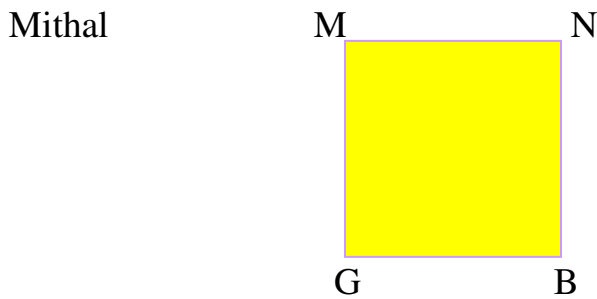
1. alqalamale théélé kamu gidine?
2. fagadá tha alqalamale na nak'ut'a k'ed'e
3. alqalamale fuud'áthahúgu na théélee k'ed'e
4. d'ulatha añiyu theelee talataqi hathú madiñathaquí.

A/Alqalama mba théélé arbaqawo u añiyu

Hasí tha anuk'ut'agu tha alwargayu gadárña añ hoshala tháñ añ shak'ala alqalamá gidí théélé arbaqa.



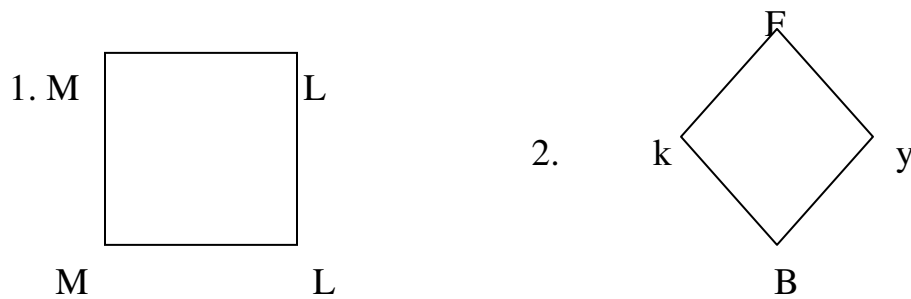
- ayú tha anuk'ut'a holloñoniñ alu tha sat'ára thal mast'ara asat'ur arbaqa mba k'ithu aregu madóñaqi tha belówe thále.
- Gadárña añ daahú sha theele arbaqa IAML.
- $\overline{IA}$ ,  $\overline{AL}$ ,  $\overline{LM}$  u  $\overline{MI}$  théélé mba théélé arbaqa IAML mmaa méré
- "I", "A", "M" u "L" nak'ut' mba theele arbaqawo mma méré.

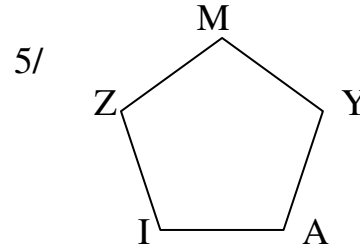
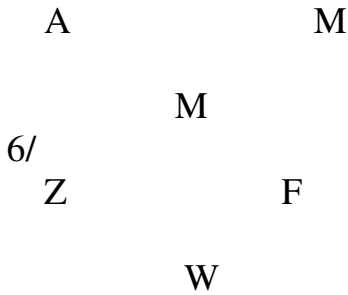
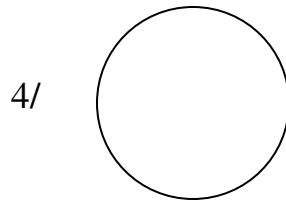
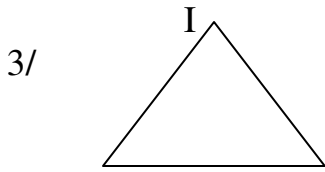


Mba máyu d'ulale añiyu théélé arbaqawo mmaané.

### qi geera 9

1/ mín tha alqalamaleyugu fagadátha mba ma théélé arbaqa.





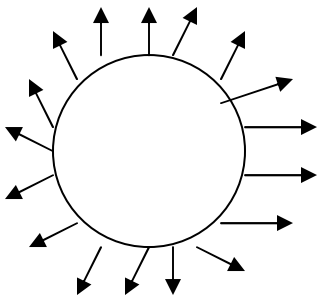
2/ hoshala tha alqalama thee le arbaqawole tháñ háthu ahoratha añiyulagu. Mmaamare.

3/ móthat ha d'ok'othalegu.

1. alqalama théélé arbaqa nak'ut'kamu gidine?
2. sháñ sawara alqalama thee le arbaqa asat'ura shúrúñ hu kamu mba ahuluñaqi?
3. sawara thá alqalama thee le telato hathu madíñathe na añiyu k'ed'e?
4. shak'ala thá alqalama thééle arbaqawo háthu madíñathe na théélegu.

**Mundí Angil, shimbir u añiyu shimbiru**

**mundí**



Múnzu

Añ s’ a’ s’ ar mín añ a tharne min añ a zii múnzu añ a wasalne thá s’ ak’ aluweqi. Albat’ aria thábo asaqa mba afúlñáne as’ ár añ. Añ s’ as’ ára k’ ed’ e mín añ a tharne, min añ a zii Albat’ aria mmaane lakiñ añ á fii nalu wala gadárña añ fagáda.

Thamatha thaaluyu mundí gidí añ a tharne lakiñ wala gidí añ á fii nálú

Alqalama mundu thal alqalama alhisaabuyu “ → ” mmaame

I • —————→ A      alqalamálé , mba mundune.  
                                   →  
 mundi IA wall IA    ñineñ gadárñane añ daahúanuk’ ut’ a thár í “ I ”  
 mmaane

A • —————→ I      mundíle AI wall AI mmaane anuk’ ut’ a  
                                   →    →  
 A ninañ thárí AI u IA mundí d’ afaruqi mmaamare .

I ←—————→ A      Asat’ ura dán thañori IA nne.

Tha asat’ ura dán thañorí IA ↔ alu anuk’ ut’ a máñ thamtham gadárña añ giya ma mundí holloñoniñ.

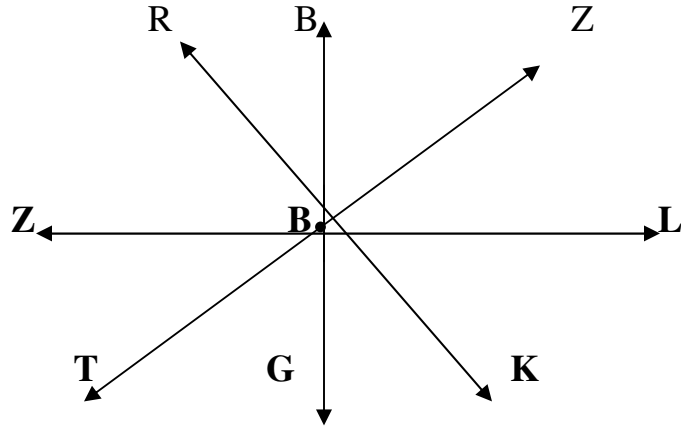
I ←—————•—————→ A  
   M

Anuk’ ut’ a “ M ” thik’ iña tha nussa anuk’ ut’ a “ I ” u tha anuk’ ut’ a “ A ” yu Anuk’ ut’ a “ M ” asat’ ura dán thañorí “ IA ” gásamone añ holloñoniñ.

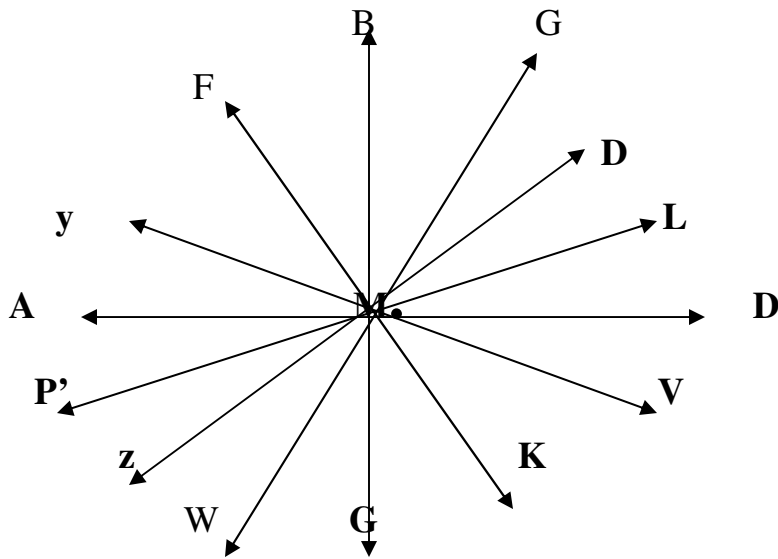
←—————                  —————→  
 I                                  M                  M                                  A

Mundí MI walla MI  
 Mundí MA walla MA →

Tha asat'ura d'áñ thañorí IA añ ahatha mín tha anuk'ut'a "M" alú hatháñ gadarí añ shak'ala muudí milláñ.

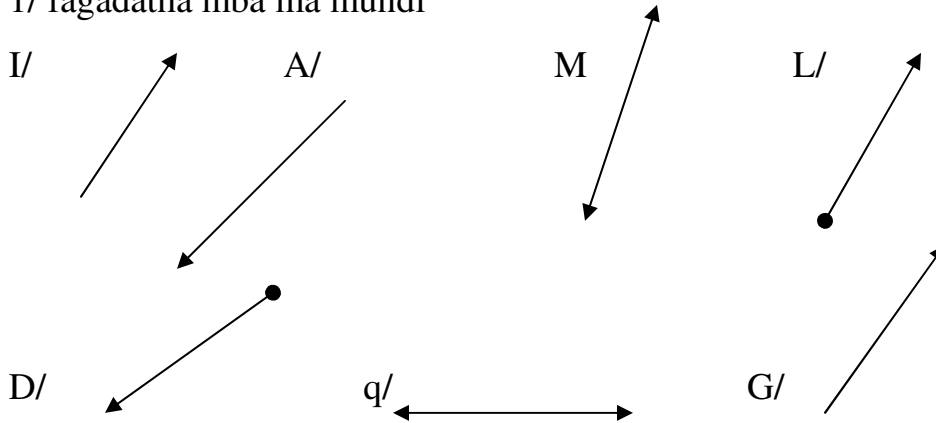


ahátha min tha anuk'ut'a d'uk'únúnúñ alú hatháñ gadarí añ shak'ala mundi milláñ.

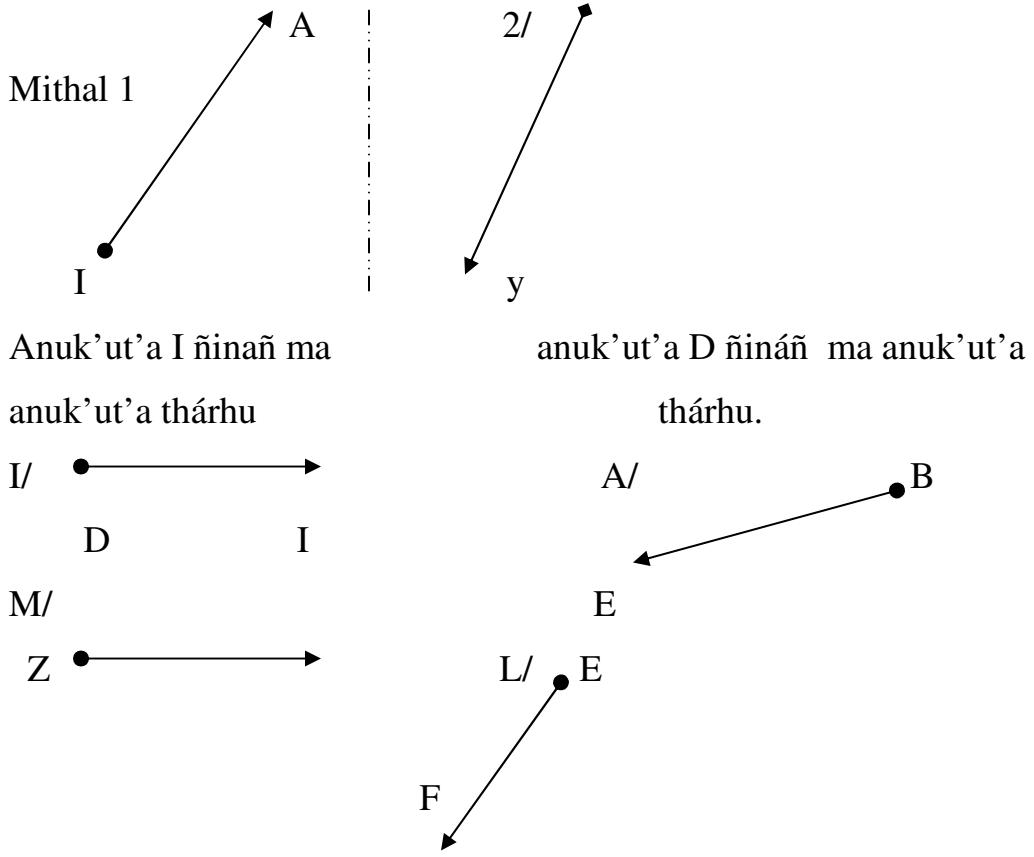


**qi geera 10**

1/ fagadatha mbá má mundí

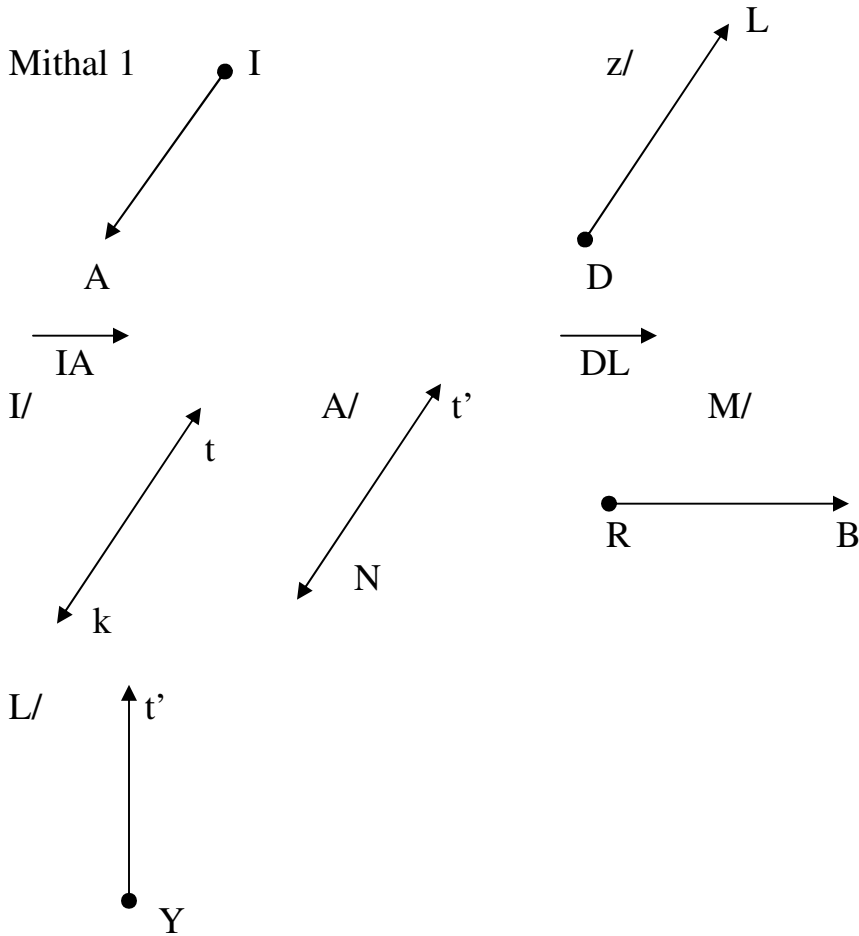


2/ mundíegu katabatha mǎré tha hú na anuk'ut'a min añña thar mare qí

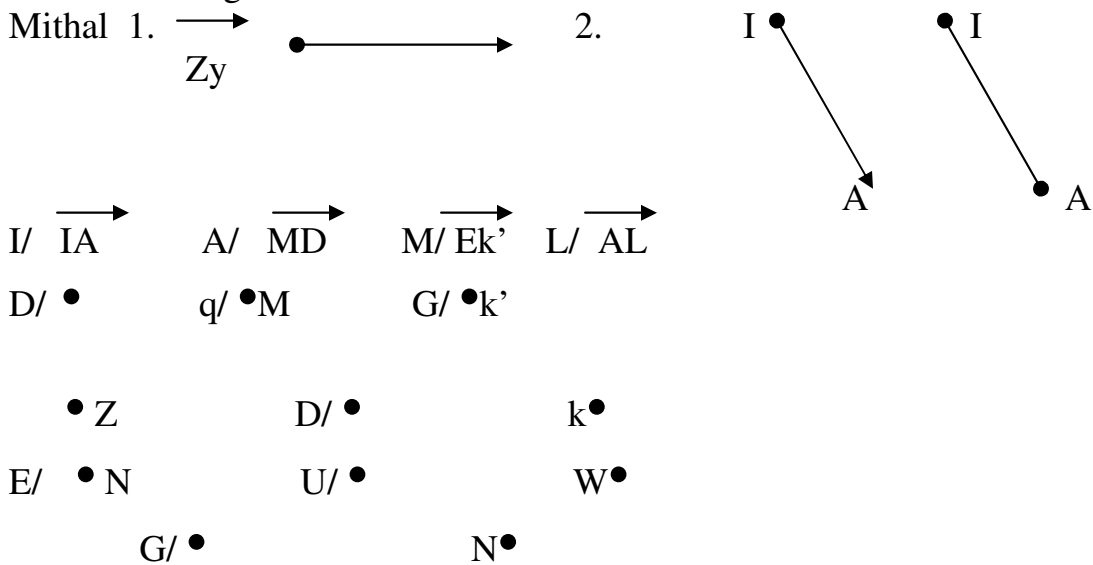


Mundílegu katabatha nalqismá mǎré maré tha hú thal alqalama mundú mbá alhisaabu.

Mithal 1



4/ ahúlútha anak'ut'aleqqigu thalmast'arañgam hathu, sawara tha mundi maahú fud'álegu.

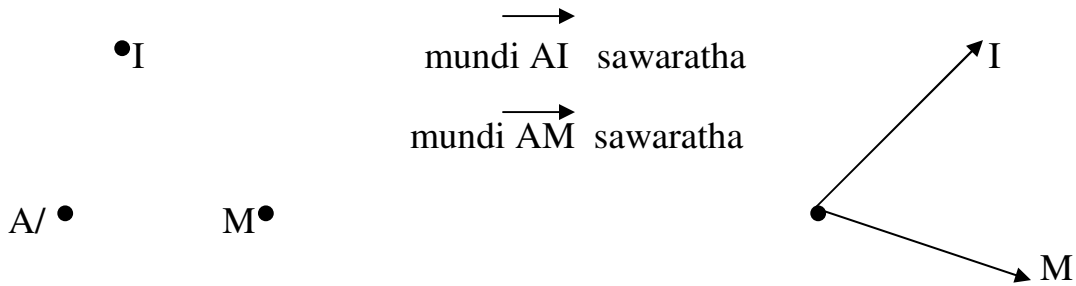




5/ shak'alatha mundigu talata mbá thari mín tha anuk'ut'a d'uk'uñu hathú  
madiñatha maabá agarañ hathuweqi

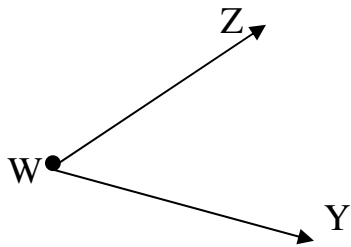
### Angila

Shambale madi ñané tha asuraleyú tha beló we thalé mundi talata holigu  
mundi , MZ, mundí MR U mundi MG mmaane.



Min a ña ziila anuk'ut'a “A” ma hathá ñ ahathaqi añ shak'ala mundígu  
hollo ñoniñ thanussa mundileyugu márez hollo ñoniñ giñ ziiqí angilí  
ns'úláne.

Angilale IAM walla angil MAI ns'ulane Anuk'ut'a “ A ” nak'ut'angilu  
mmaane.

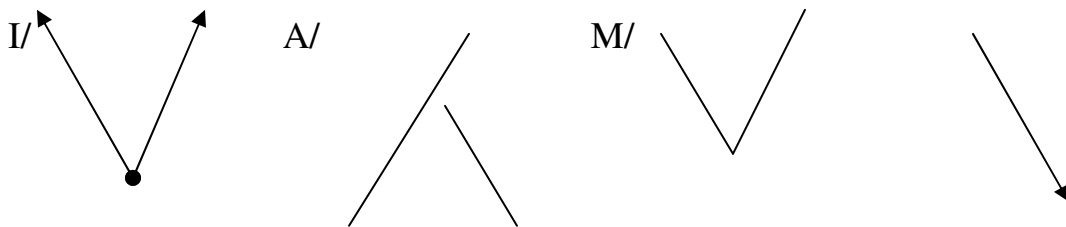


angilale YWZ walla ZWY nas'ulané

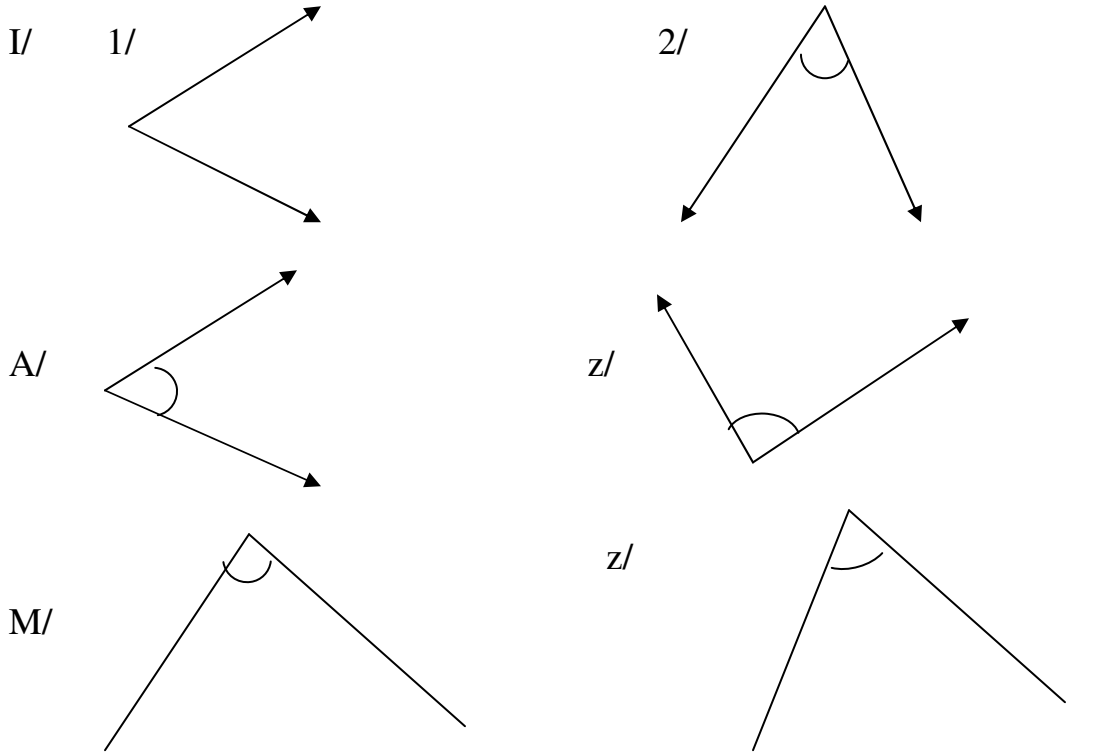
Anuk'ut'a “W” nak'ut'a angilu mmaane.

### qi geera 11

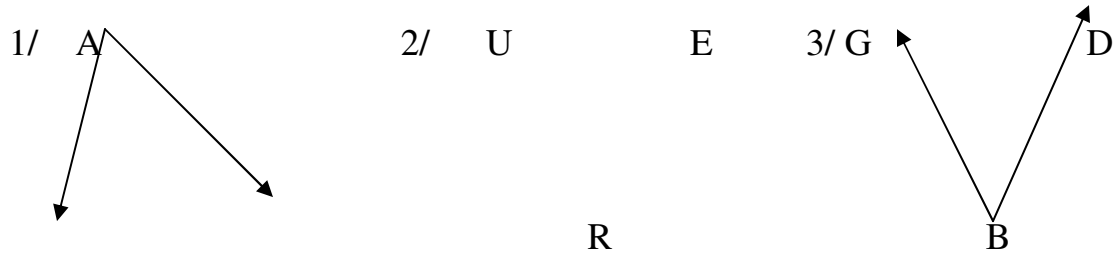
1. fagada'tha mba ma angil



2/ Ayu min angila damuqilegu fagada'tha mbad'aañi



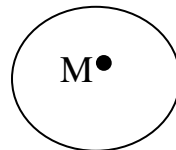
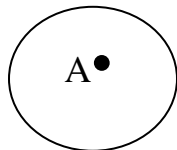
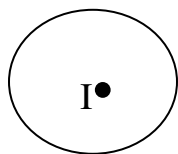
3/ Angilalegú katabatha nahú méré méré tha huweqí



4/ shak'alatha angíl AML , anglil FK , anglil EDN hathu madi ñatha maabá agará ñ hathuweqí

5. shak'alatha angilaegu hamsa mba thari tha nuk'ut'a d'uk'u ñu hathú madiñathá maabá agaráñ hathueqi

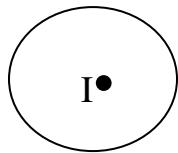
**Shimbir**



Alqalama shimbiru I, A, M ñineñ s’ulanegu.

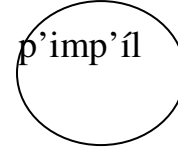
Geedi garaqi giñ zii tha aññamayuugu mba gidí ashakila má shimbir s’ulatha húgu hathú rothuthá thaluwe maqíñgama u tha maaba agaráñí hathulé.

Anussa shimbiru daaña hu thalharíf.

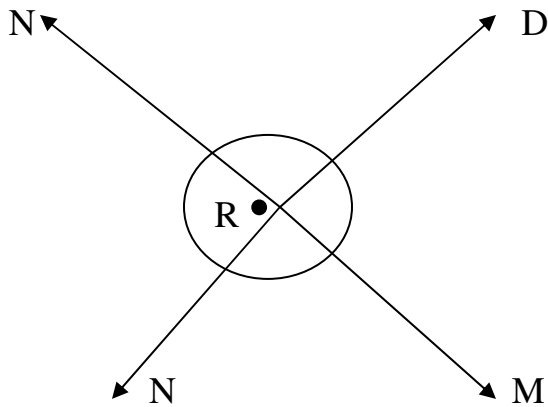


anuk’ut’ “a” ñinañ ma anussa shimbiralé

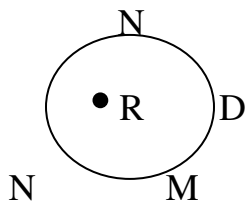
Alqalama shimbirugu



Añ hoshalathá assurale tháñ



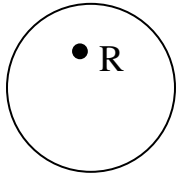
Mundir mundi RW, mundí RN, mundí RN ma namuwoqigú anuk’ut’á MDNN qi ahuluwa.



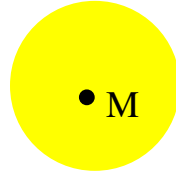
giñle assura shimbirune anuk’ut’a ñinañ ma anussa shimbiralé.

Inshañ shugó shimbirale gadarñá añ daahú Sha shimbír R.

añiyu shimbiru

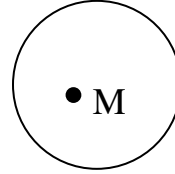
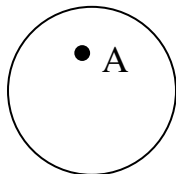
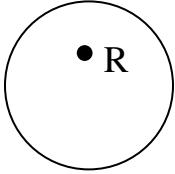


Shimbír I

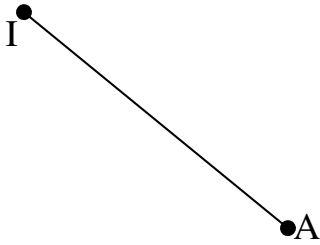


añiyu shimbir M nne mba mayú  
d'uulálé añiyu ns'ulane

d'ulatha añiyu shimbirulegú

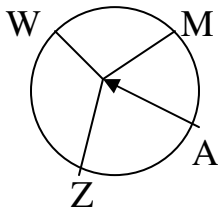


Shak'alatha asat'ura shuíríñhú



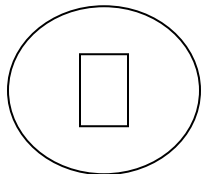
Mmbale taani hathu tharathe tha anuk'ut'a "I" ha thu shak'alatha IM , IW ,  
IZ abbarathe thalmast'ara manamuqiigu.

"AMLD" ñinañ shak'iña.



giñle assurá shimbiruné.

geedi garaqigu geerathá anuk'ut'a máñ hathú shilatha shililmáñ hathu  
abarathaga Martha mañ du\*ra hathu d'oshatha tha shililimañ hathu tha  
shililiqi hathú baróñ shak'alatha shimbír tháñ.



shililile anussa shimbirale mmaane.

መዳድሚያ ቃላት /Glossaries/

የትምህርት አይነት የበርታ ቋንቋ የ 2ኛ ክፍል ሂሳብ የተማሪው መጽሐፍ			
በስራ ላይ የዋለው ቃል በበርታኛ /Term used in Berta /	የቃሉ ትርጉም በአማርኛ /በእንግሊዘኛ/	ቃሉ የሚገኝበት ገጽ ፣ አንቀጽ ፣ መስመር ፣ ቁጥር	አስተያየት
Abaa kas	አበካስ		
Asanduk'a ziyundu	ባዶ ቦታዎች		
Asat'ur	መስመር /line/		
Añiyu	ስንጠረዥ/Table		
Alqalama	ምስል		
Asat'ura k'ithuare	ተቋራጭ መስመሮች		
Añiyu shimbiru	የክብ ወለል		
Alu limma qi geero	ማጠቃለያ መልመኛ		
Alkóm	ምድብ		
Animírá 1.	ቁጥር		
2.	ምልክት		
3.	አሀዝ		
Animíúrá zíí thandule	መላ ቁጥር		
Ataman	ዋጋ /Prise/		
Alheet'	ክር		
anus'	መሀል		
Agongór	ቅንፍ/Braket/		
Asat'ura dam thañori	ቀጥታ መስመር		
Asat'ura shuruñ hu	ወስን ቀጥታ መስመር		
Animira gíí gíída	አለኝታ የሚያስከትሉ ቁጥሮች		
Animira wala gíí salafa	መበደርን የሚያስከትሉ ቁጥሮች		
Ashak'il	ቅርጽ		
Animira zii thandule mba oluqigu taani maqi mare	ደግሞ ርቢ መላ ቁጥሮች		
Adura /buandu/	ክንድ		
Asharagu	አስሮች		
Awalare /mba oluqi/	ብዜት		
Alhuruuf	ፊደላት		

የትምህርት አይነት የበርታ ቋንቋ የ2ኛ ክፍል ሂሳብ የተማሪው ማረፊያ			
በስራ ላይ የዋለው ቃል በበርታኛ /Term used in Berta /	የቃሉ ትርጉም በአማርኛ /በእንግሊዘኛ	ቃሉ የሚገኝበት ገጽ ፣ አንቀጽ፣ መስመር፣ ቁጥር	አስተያየት
Aoluwa	ማባዛት		
Atilit	ሲሶ		
Anuk'ut'a	ነጥብ		
Angil	አንግል		
Dabala	እጥፍ		
D'oñondu	ሸክም		
Giqometir	ጂኦሜትሪ		
Gasama	ማካፈል		
Giñ abara giñ s'uriñiqi tháñgu	የርዝመት መለኪያዎች መሳሪያዎች		
qi geera tha thathap'	በመደመር ማመሳከር		
qi geera tha aoluwa	በማባዛት ማመሳከር		
Hu/mba abara tha shap'ana/	ጭጭ		
Isbu	ሳምንት		
Inshan shugo	ስለዚህ		
mba thárhū/	ቀዳማዊ		
mba mad'i/	ተከታይ		
Ayu motha	ክለሳ		
Mba thap'ilagu	ድማሪዎች		
Mba thap'uqi	ድምር		
mba Nagasula	ዋና		
Mbagashi	ቀሪ		
Mab1 nagasí	ተቀናሽ		
mundi	ጨር		
Nak'ut'	ነቁጥ		
Negasa	መቀነስ		
Rotha d'oshuyu	የቃላት ኘሮብሌም		
Shibibir	ስንዝር		
sharfata	መተንተን		
Shimbír	ክብ		
Théélé talata	ጎን ሶስት		
Théélé arbaqa mba namuqi	ካሬ		

የትምህርት አይነት የበርታ ቋንቋ የ2ኛ ክፍል ሂሳብ የተማሪው መጽሐፍ			
በስራ ላይ የዋለው ቃል በበርታኛ /Term used in Berta /	የቃሉ ትርጉም በአማርኛ / በእንግሊዘኛ	ቃሉ የሚገኝበት ገጽ ፣ አንቀጽ ፣ መስመር ፣ ቁጥር	አስተያየት
Rektangíl	ሬክታንግል		