

# Girsinəndi āsa gı mani gı bii gı chibne 2

$$\begin{array}{r} 126 \\ + 237 \\ \hline 363 \end{array}$$

**Maktubu di idi āsa mani gı bii gı chibne**  
Livre de calcul avancé en langue soumraye



Girsinəndi āsa gi mani  
gi bii gi chibne  
2

Livre de calcul avancé  
en langue soumraye

Doumougou, Canton Soumraye, Tandjile-Est  
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Langue : Chibne (soumraye), parlée dans le canton  
soumraye, sous-préfecture de Déressia, département  
Tandjilé-Est

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Langue Chibne (A.D.L.C.)

## **Avant – propos**

Ce document est un livre de calcul avancé destiné aux locuteurs soumraye. Il est basé sur les connaissances du livre calcul 1 en langue soumraye, qui contient l'addition et la soustraction des chiffres 1 – 20.

Ce livre de calcul 2 enseigne toutes les quatre opérations: L'addition, la soustraction, la multiplication et la division d'une façon orale et écrite. Il présente aussi les notions de temps, de distance, de poids et de volume, ainsi que la monnaie FCFA.

Chaque leçon est accompagnée d'exercices d'application et de dessins pour faciliter sa compréhension.

Nos remerciements vont à la Direction de la Promotion des Langues Nationales (DPLN) pour le droit de traduire et d'adapter leur livre de calcul.

Aux apprenants soumraye d'en tirer grand bénéfice et de mieux calculer dans la vie quotidienne ou dans le commerce !

# Āsa gī mani sumīw

!Wacḥanandi āsa gī mani me jangagī dii subu!

0    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    ilə bədə

1    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    mīn

2    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    sīr

3    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    subu

4    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    wodī

5    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    jii

6    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    kubi

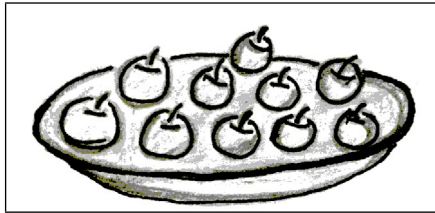
7    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    wurgīsubu

8    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    dunasīr

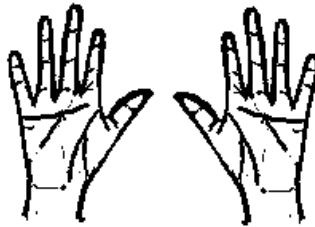
9    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    dunamīn

# Yara gɛ̃ mani nə mwaj

**10**



Yarna gun isəw sɪr:



Isɪrandɛ̃ nə dine ina i mwaj me āsɪnandɛ̃ mwaj mwaj. Nimɪro ɪnda i mwaj (0, 1, 2, 3, 4, 5, 6, 7, 8, 9). Mana gɛ̃ də āsɪnang gɪrne mwaj da, də dáy daa: Ya mə yarna habde nə gɛ̃ dáy gɛ̃ daa mwaj. Habde nə i mɪn mɪn da, i mani nə mɪndagɛ̃ jaga jaga me, habde nə bor mana mɪn da, i mani nə dayar mwaj.



1 mwaj me 0 mɪn=10



1 mwaj mɪn me mɪn me àl=11










1 mwaj me 5 mɪn mɪn=15





























2 mwaj-mwaj me 2 mɪn mɪn=22

	mwaj-mwaj	M̄in-m̄in
10 =	1	0
11 =	1	1
15 =	1	5
22 =	2	2

Āsa ḡi ta di da, janḡinand̄i dii subu subu:

<b>10</b>	_____	_____	_____		
<b>11</b>	_____	_____	_____		
<b>12</b>	_____	_____	_____		
<b>13</b>	_____	_____	_____		
<b>14</b>	_____	_____	_____		
<b>15</b>	_____	_____	_____		
<b>16</b>	_____	_____	_____		



<b>17</b>	_____	_____	_____		
<b>18</b>	_____	_____	_____		
<b>19</b>	_____	_____	_____		
<b>20</b>	_____	_____	_____		
<b>21</b>	_____	_____	_____		
<b>22</b>	_____	_____	_____		
<b>23</b>	_____	_____	_____		
<b>24</b>	_____	_____	_____		
<b>25</b>	_____	_____	_____		
<b>26</b>	_____	_____	_____		
<b>27</b>	_____	_____	_____		
<b>28</b>	_____	_____	_____		
<b>29</b>	_____	_____	_____		

30



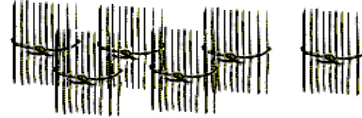
40



50



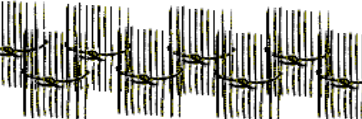
60



70



80



90



## Tablo dīnə āsa gī so 0 ha 99:

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

Giyə gaba àla 1:

- Āsinandi daa so 20 ha 30
- Āsinandi daa so 35 ha 45
- Āsinandi daa so 52 ha 64
- Āsinandi daa so 70 ha 80
- Āsinandi daa so 88 ha 100

Giyə gaba àla 2: Jangınandı āsa gı i ta di:

29 \_\_\_\_\_ 60 \_\_\_\_\_

42 \_\_\_\_\_ 14 \_\_\_\_\_

38 \_\_\_\_\_ 17 \_\_\_\_\_

53 \_\_\_\_\_ 76 \_\_\_\_\_

85 \_\_\_\_\_ 91 \_\_\_\_\_

68 \_\_\_\_\_ 99 \_\_\_\_\_

24 \_\_\_\_\_ 57 \_\_\_\_\_

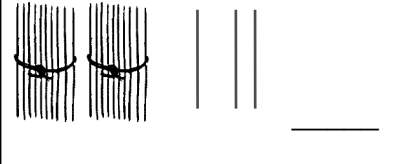
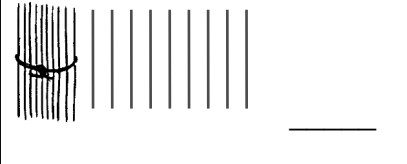
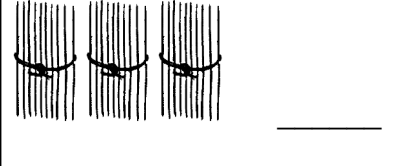

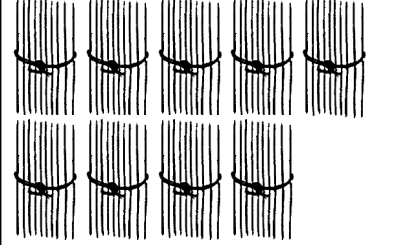
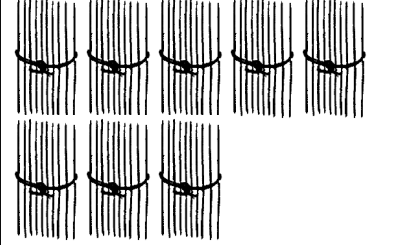
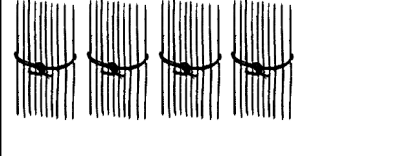
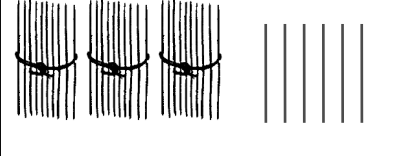
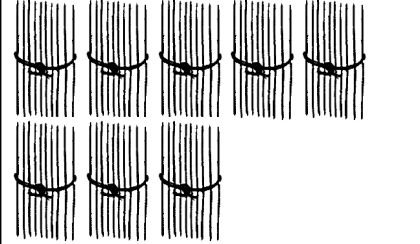
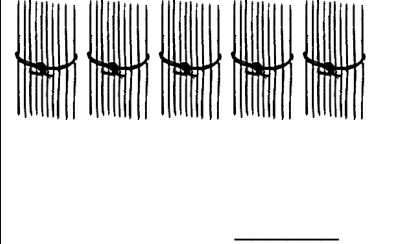
Giyə gaba àla 3: Jangınandı mana gı gubdıri nə i korgın ta di lə āsa gı ilə ka bədə sın di:

20 21 .... 23 24 25 .... 27 28 .... ....

46 .... 48 49 50 .... .... 53 .... ....

79 .... .... 82 .... 84 .... .... ....

Giyə gaba àla 4: Janginandi habde ìndi ilə ciri dwaṛi lə bá bá mo. Habde nə mar daa da, i mwaj mwaj.

Giyə gaba àla 5 : Yarnandı mani dúndirəği me āsınandı nım :

$$12 + 6 = 18$$

$$21 + 4 = \underline{\hspace{2cm}}$$

$$22 + 6 = \underline{\hspace{2cm}}$$

$$20 + 20 = \underline{\hspace{2cm}}$$

Giyə gaba àla:

$12 + 7 = \dots$

$24 + 3 = \dots$

$74 + 13 = \dots$

Āsınandı:

$32 + 11 = \dots$

$20 + 15 = \dots$

$16 + 20 = \dots$

$27 + 20 = \dots$

$42 + 6 = \dots$

$84 + 10 = \dots$

Giyə gaba àla 7:    Āsɨnandɨ daa chɨ dodə:

$$\begin{array}{r} 23 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 45 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 36 \\ + 21 \\ \hline \end{array} \quad \begin{array}{r} 57 \\ + 22 \\ \hline \end{array} \quad \begin{array}{r} 36 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 22 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ + 32 \\ \hline \end{array} \quad \begin{array}{r} 73 \\ + 24 \\ \hline \end{array} \quad \begin{array}{r} 47 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 12 \\ + 23 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ + 30 \\ + 41 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ + 4 \\ + 50 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ + 32 \\ + 32 \\ \hline \end{array} \quad \begin{array}{r} 61 \\ + 18 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 23 \\ + 23 \\ + 20 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ + 31 \\ + 13 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 68 \\ + 10 \\ + 10 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ + 3 \\ + 1 \\ + 40 \\ \hline \end{array} \quad \begin{array}{r} 52 \\ + 20 \\ + 6 \\ + 11 \\ \hline \end{array}$$

## Biyə g̃i bam: « - » (moins)

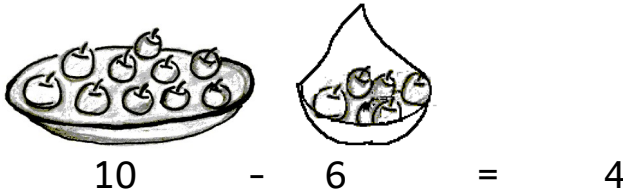
Mani nə jər ka: - i biyə g̃i bam. Mana g̃i g̃i biynə mani bam da, g̃i àl i āsa gaba biyə bam.

G̃i àl āsa gaba biyə bam da, i yande:  $10 - 6 = 4$

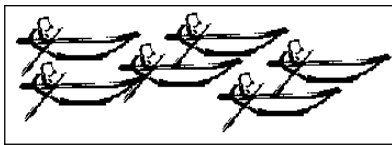
$$\begin{array}{r} 10 \\ - 6 \\ \hline = 4 \end{array}$$

### Àlnand̃i 1:

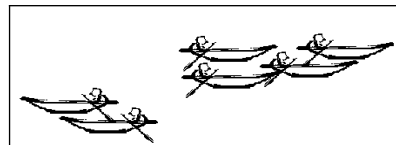
G̃i bo habda yàa duwa 10 dása d̃war̃i lə. Dwe m̃in lay kubi bam hurə daa barge duwa lə. Wor caga da 4 dása d̃war̃i ilə.



### Àlnand̃i 2:



Nare 6 ha saba lə g̃i b̃irwa.



Bam da, 2 cwara hára ulay dayyə. İ̃r̃i nə 4 ha le saba lə s̃iṅ.

$$6 - 2 = 4$$



Giyə gaba àla 1: Āsinandi:

$$7 - 5 = \underline{\quad}$$

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

$$15 - 2 = \underline{\quad}$$

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

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

$$48 - 4 = \underline{\quad}$$

$$17 - 4 = \underline{\quad}$$

$$35 - 10 = \underline{\quad}$$

$$9 - 6 = \underline{\quad}$$

$$36 - 10 = \underline{\quad}$$

$$89 - 9 = \underline{\quad}$$

$$66 - 4 = \underline{\quad}$$

$$33 - 3 = \underline{\quad}$$

$$29 - 5 = \underline{\quad}$$

$$24 - 12 = \underline{\quad}$$

Giyə gaba àla 2: Āsinandi daa chí dodə:

$$\begin{array}{r} 35 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 46 \\ \hline \end{array}$$

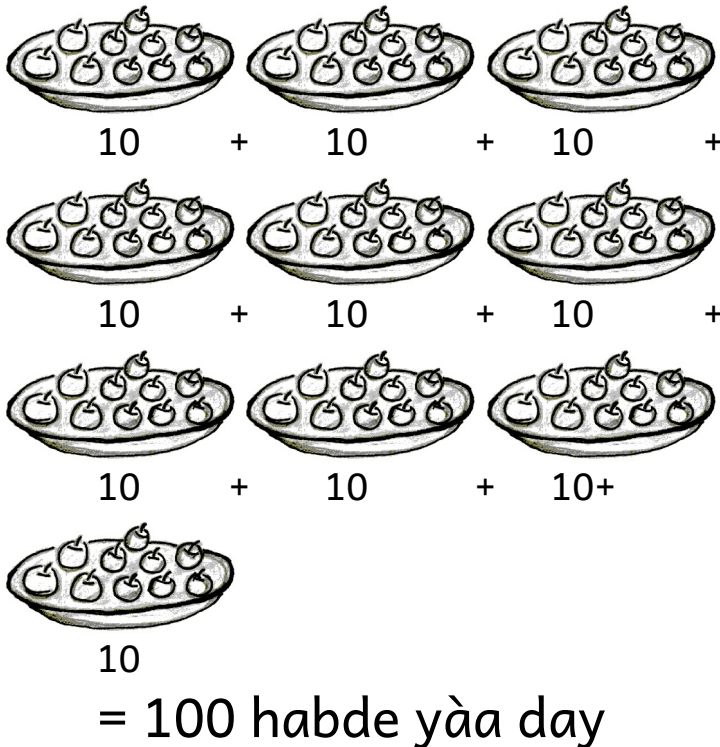
$$\begin{array}{r} 38 \\ - 25 \\ \hline \end{array}$$

## Āsa gī aru aru

Āsinandi daa pad so 88 ha 99.

Mana gī 99, habde nə magda 9 me nə mīn-mīn 9.

Ūrndī i magda habde magda gī gechide gī də 'wogiw ba i aru aru:



Tablo:

aru	mwaj	mīn
1	0	0

Giyə gaba àla 1: Āsinandi āsa gī ta di:

aru	mwaj	mīn
	9	9
1	0	0
1	0	1
1	0	4
1	1	0
1	1	1
1	2	0
1	2	3
1	3	4
1	4	7
1	6	4

aru	mwaj	mīn
1	7	0
1	9	5
1	9	9
2	0	0
2	0	6
2	1	0
3	0	2
3	3	7
4	5	0
6	9	8
9	1	6

Giyə gaba àla 2: Dayarna aj+na ciri daa mana gi āsa mar aru aru dīwə:

301		31
99	528	275
455	45	62
	768	184

Giyə gaba àla 3: Chínəndi āsa gi i ta di daa tablowə:

231	534	103	448	820
-----	-----	-----	-----	-----

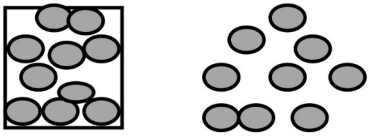
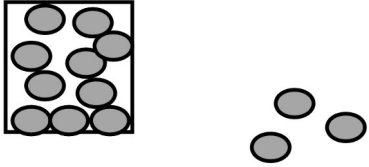
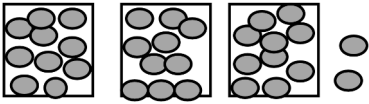
Aru	mwaj	Mìn mìn
.	.	.
.	.	.
.	.	.
.	.	.
.	.	.

# 'Yàgì læ diiyə me ɓiɾi gaba chéə tulɿnyə

Mani nə àlál wála gɿ wála:

Hawa ɗaɾi magɿlale woni bangaso 10. Bangaso ɗira i 19. Tandi ɗesi magɿla gɿ mɿn biw daa, ɿɾi gɿ mɿn da, 'won daa bədə. Wor bam bangaso mɿn.

Idi 'yàɗi bangaso læ ɗang 13. Caga da, magɿlale ɗira 'wombi daa subu me, bangaso wordi dodə ɿɾ me ca.

<p>(1)</p> <p>1 9</p>  <p>+ 1 3</p> <hr style="width: 20%; margin: auto;"/> <p>3 2</p>	 <p>mwaj 1 me mɿn-mɿn 9</p>
<p>+ 1 3</p> <hr style="width: 20%; margin: auto;"/> <p>3 2</p>	 <p>mwaj 1 me mɿn mɿn 3</p>
<p>3 2</p>	 <p>mwaj mwaj 3 me mɿn mɿn 2</p>

Gɿ āsɿna āsa gɿ so daa ha dodə. Mana gɿ mani nə i mɿn mɿn di ɗwayna 9 bam da, gɿ jangɿ āsa gɿ mar mwaj di mana gɿ jàw gɿ mar mwaj ɗiwə. Gɿ 'wogɿ āsa gɿ ɓani ta i mani nə gɿ biygɿ chigɿ tulɿnyə. Gɿ āsiw nə mar mwaj ɗiɗəgɿ læ.

Mani nə àla 1: Àlnandi kal āsa gı dodə ta di ina ladi le:

$$\begin{array}{r} (1) \\ 46 \\ + 15 \\ \hline 6. \end{array}$$

$$\begin{array}{r} (1) \\ 45 \\ + 37 \\ \hline . 2 \end{array}$$

$$\begin{array}{r} (1) \\ 62 \\ + 28 \\ \hline . 0 \end{array}$$

Mani nə àla 2: Āsinandi:

$$\begin{array}{r} 58 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 48 \\ \hline \end{array}$$

Āsa læ diiyə gɪnə āsa gɪ dɔy 99 bam da, wun ya jaw de. Mana gɪ habde nə magdar mwaj mwaj di dwayna 9 bam da, gɪ jangɪ nə gɪ biygɪ chígɪ tulɪnyə di mana gɪ nə aru aru dɪdəgɪ læ dəŋ.

Giyə gaba àla 3: Āsinandi gɪ āsa gɪ mar aru aru:

(1)

$$\begin{array}{r} 126 \\ + 237 \\ \hline 363 \end{array} \quad \begin{array}{r} 261 \\ + 165 \\ \hline \end{array} \quad \begin{array}{r} 89 \\ + 304 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ + 405 \\ \hline \end{array}$$

$$\begin{array}{r} 158 \\ + 174 \\ \hline \end{array}$$

$$\begin{array}{r} 670 \\ + 328 \\ \hline \end{array}$$

$$\begin{array}{r} 555 \\ + 299 \\ \hline \end{array}$$

$$\begin{array}{r} 392 \\ + 408 \\ \hline \end{array}$$

$$\begin{array}{r} 488 \\ + 418 \\ \hline \end{array}$$

$$\begin{array}{r} 804 \\ + 109 \\ \hline \end{array}$$

$$\begin{array}{r} 540 \\ + 280 \\ \hline \end{array}$$

$$\begin{array}{r} 397 \\ + 397 \\ \hline \end{array}$$

$$\begin{array}{r} 256 \\ + 89 \\ \hline \end{array}$$

$$\begin{array}{r} 495 \\ + 168 \\ \hline \end{array}$$

$$\begin{array}{r} 674 \\ + 91 \\ \hline \end{array}$$



Ɗarɓinandi gwale gi yab:

1. Ladni kilə mǎy sug gi Ɗiməgi lə koro 179. Tandi kilə koro 105 dang sug gi Koblagi lə. Tandi kilə pad da, i koro indi mo?

2. Made ùr ponde 48 dara gwaba gi kulu biw, ùr ponde 34 dara gwaba gi tabil me, ponde 28 dara gwaba gi ches me ca. Ùriw pad da, i ponde indi mo ?

3. Ali me Jã me Gamagi piygi gun min min diringəl 250. Dayargi daa pad, i diringəl indi mo?

4. Gwale gaba piyə baya:

Dwana i gi kura min me dogdə min me giray gi hale min me duroje nə namde sir me ca. Dang da, anji i gi badu min di digiladi min sawar bam lə me ca. Kirə duwa lə da, mwagne gidiragi ilə indi mo ?

## Magda gî dubu dubu

a) Dubu: 1000



$$100 \text{ kg} + 100 \text{ kg} + 100 \text{ kg} + 100 \text{ kg} + 100 \text{ kg} +$$



$$100 \text{ kg} + 100 \text{ kg} + 100 \text{ kg} + 100 \text{ kg} + 100 \text{ kg} = 1000 \text{ kg}$$

Suwal gî mǎy 10. Mîñ da, noo duwa i kilo aru aru,  
Dayar daa pad da i kilo 1000 gî mǎy.

$$10 \text{ dii } 100 \text{ kg} = 1000 \text{ kg}$$

Giyə gaba àla 1: Gubdîri nǎ wor tablowə ta di  
jangî nandî lǎ:

990	991	992	993	994	995	996	997	998	999
1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
1010									
1020									
1030									
1040									

b) 1000, 2000, 3000

Āsa gī 2548 me 1726 nem cagdara dodə ya ta de:

$$\begin{array}{r}
 2000 \\
 + 500 \\
 + 40 \\
 + \underline{8} \\
 \hline
 2548
 \end{array}
 \qquad
 \begin{array}{r}
 1000 \\
 + 700 \\
 + 20 \\
 + \underline{6} \\
 \hline
 1726
 \end{array}$$

	Dubu	Aru	mwaj	Mīn
1000	1	0	0	0
2548	2	5	4	8
1726	1	7	2	6

Giyə gaba àla 2: Hurnandī āsa gī i ta di mana gī tablowə : 1033, 3564, 6208, 2190 et 5576.

Dubu	aru	mwaj	mīn
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.

Giyə gaba àla 3: Janginandi mani tablo di ta di dware læ:

1070									
1080	1081								
1090									
	2001								

Giyə gaba àla 4: Āsa gi i ta di cagdinandı gandiw dodə dubu dubu me aru aru me mwaj mwaj me mın mın me:

$$124 = 100 + 20 + 4$$

$$3691 = 3000 + 600 + 90 + 1$$

$$1273 = \dots + \dots + \dots + \dots$$

$$657 = \dots + \dots + \dots$$

$$15 = \dots + \dots$$

$$4705 = \dots + \dots + \dots + \dots$$

$$2528 = \dots + \dots + \dots + \dots$$

$$5019 = \dots + \dots + \dots + \dots$$

$$8006 = \dots + \dots + \dots + \dots$$

$$477 = \dots + \dots + \dots$$

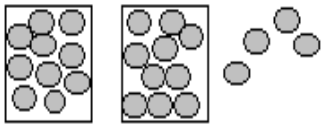
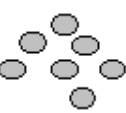
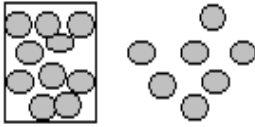
$$7001 = \dots + \dots + \dots + \dots$$

## Biyə gı̄ bam me 'woo chı̄ tulı̄nyə me

Hawa kıl magılale gı̄ bangaso dwalı̄nyə mwaj mwaj bam sug læ. Tandi kıl bangaso mın mın bam me ca.

Magılale da, i mani nə mwaj mwaj, me bangaso da, i nə mın mın me ca:

Wordı̄ gaba kılə bam i magılale 2 me, bangaso wodi me ca. Aba kılə gı̄ra ba ùr i bangaso 7. Urdı̄, Hawa tı̄nı̄ gı̄ magıla mın bı̄w bam dara 'yaw. Mana gı̄ tandi 'yàw bam mwom da, wordı̄ magıla mın me bangaso 7 gaba kılə bam mın mın.

	(+10) <b>2 4</b>
	(-1) <b>- 7</b>
	<b>1 7</b>

Giyə gaba àla 1: Āsınandı ya ba də àlang nım pii de:

(+10) 4 4 (-1) $- \underline{1 \ 9}$ 2 5	(+10) 4 5 (-1) $- \underline{1 \ 8}$ . 7	(+10) 6 2 (-1) $- \underline{2 \ 6}$ . .
---	---	---

Giyə gaba àla 2: Āsınandı:

$$\begin{array}{r} 50 \\ - 25 \\ \hline 25 \end{array} \quad \begin{array}{r} 37 \\ - 19 \\ \hline \end{array} \quad \begin{array}{r} 47 \\ - 28 \\ \hline \end{array} \quad \begin{array}{r} 55 \\ - 18 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 52 \\ - 15 \\ \hline \end{array} \quad \begin{array}{r} 76 \\ - 48 \\ \hline \end{array} \quad \begin{array}{r} 84 \\ - 17 \\ \hline \end{array} \quad \begin{array}{r} 68 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 145 \\ - 68 \\ \hline \end{array} \quad \begin{array}{r} 212 \\ - 145 \\ \hline \end{array} \quad \begin{array}{r} 246 \\ - 157 \\ \hline \end{array} \quad \begin{array}{r} 630 \\ - 162 \\ \hline \end{array} \quad \begin{array}{r} 426 \\ - 177 \\ \hline \end{array}$$

$$\begin{array}{r} 235 \\ - 54 \\ \hline \end{array} \quad \begin{array}{r} 670 \\ - 189 \\ \hline \end{array} \quad \begin{array}{r} 144 \\ - 48 \\ \hline \end{array} \quad \begin{array}{r} 608 \\ - 374 \\ \hline \end{array} \quad \begin{array}{r} 517 \\ - 98 \\ \hline \end{array}$$

$$\begin{array}{r} 262 \\ - 75 \\ \hline \end{array} \quad \begin{array}{r} 300 \\ - 143 \\ \hline \end{array} \quad \begin{array}{r} 613 \\ - 91 \\ \hline \end{array} \quad \begin{array}{r} 216 \\ - 169 \\ \hline \end{array} \quad \begin{array}{r} 421 \\ - 336 \\ \hline \end{array}$$

Gwale:

1. Gurpiman mɪn i gɪ suwal gɪ gɪna 45. Nare kɪl suwal 16 bam. Worgɪ suwal ɪndi mo ?

2. Deme mɪn dɑrɪ mani nɑ kunənyə. Tandi kɪl neŋe 500. Tandi lay 384 àl gɪ giyə bam. Wordɪ neŋe ɪndi mo ?

3. Adum so Jamena ba ha Mundu. So Jamena ha Mundu da, i kilometɪr 494. Anɟi wà kilometɪr 258 mwom da, kabɲo duwa mendər bam. Worɪw dɪrəwə kilometɪr ɪndi dara dɪmə Mundu mo ?

4. Nare nɑ cɪriyə dáy sɪdəgɪ daa, cendi ùr ba gɪ biy sekɪrəter mɪn. Woni ùrə sekɪrəter di i nare subu. Woni àla wotɪ dɪ lade di i nare 187. Gɪ piy nare duwa 49, gaba sɪr nare duwa 56. Gaba subu da, worɪw duwa nare ɪndi mo?

5. Kulu gɪ lekol dalawə mɪn da, dine i 53. Aliya 'yaŋa duwa lə da, dine 16 nem hára pii bədə me, cendi ha kulə gɪ dɛngə me. Nə kulə gɪ piyə 8 nem hára pii bədə me cwara hára lə kulə gɪ ta lə. Kulə gɪ ta di dalawə da, dine ha dayara ɪndi aliya gɪ dɛngə mo?

6. Dwani bage duwa i 652. Anɟi 'woji nɑ 385 dɪm. Worɪw 'waja dɛng ɪndi na mo?

## Miltipilikaso: « × » (fois)

Mani nē ta di « × » i 'yàa gĩ dii gĩrē.

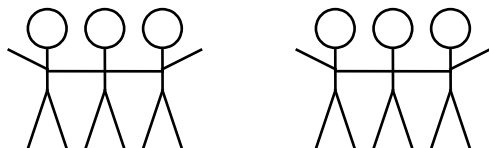
« 2 × » i āsa gĩ pii di dii sīr.

« 6 × » ta da, i āsa gĩ pii di dii kubi.

Miltipilikaso da, gĩ àldi i ya ta de :

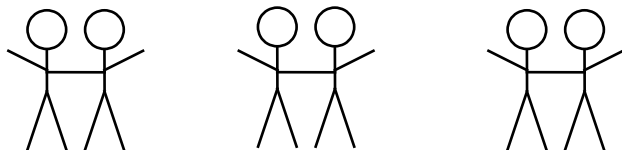
$$\begin{array}{r} 8 \\ 8 \times 2 = 16 \text{ labaa daa ha dodē:} \\ \times 2 \\ \hline 16 \end{array}$$

àl ya:



$$3 + 3 = 2 \times 3 = 6$$

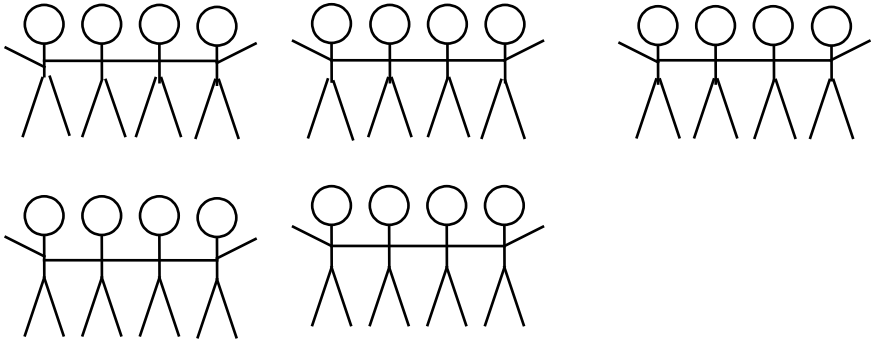
$$2 \times 3 = 6$$



$$2 + 2 + 2 = 3 \times 2 = 6$$

$$3 \times 2 = 6$$





$$4 + 4 + 4 + 4 + 4 = 5 \times 4 = 20$$

$$5 \times 4 = 20$$

**Dii s̄r, dii subu me, dii wod̄ me**

Dii s̄r i mana ḡ ḡ àl mani di  $\times 2$ . Mani 5 dii s̄r da i 10.  
 $2 \times 5 = 10$

Dii subu da, i mana ḡ ḡ àl mani di  $\times 3$ . Mani 5 dii subu i 15.

$$3 \times 5 = 15$$

Dii wod̄ i mana ḡ ḡ àl mani di  $\times 4$ . Mani 5 dii wod̄ da, i 20.

$$4 \times 5 = 20$$

Giyə gaba àla: Ali wom gato m̄n. Bam wom duwa dii s̄r, Nime wom duwa dii subu me, Made wom duwa dii wod̄:



Ali wom  
gato 1.



Bam wom  
gato 2.



Nime wom  
gato 3.



Made wom  
gato 4.

Giyə gaba àla:

1. İndi, nə 'yo koro 4. İjîm, mə 'yo dîma dii sîr. Mə i nîm îndi mo?

2. Waybədə dîndadı wodî. Rachel dîra ya nənə Waybədə de dii subu. Tandi dîndadı i îndi na mo?

3. Samedî i gî gursî 500. anjî ùr ba 'yo lə dîng dii wodî. Anjî ùr ba 'yo gursî pad îndi mo?

4. Belbî i gî labje nə namde subu. Adum duwa i ya nənə Belbî de dii subu. Adum labje nə namde duwa da, i îndi mo?

Āsinandı:

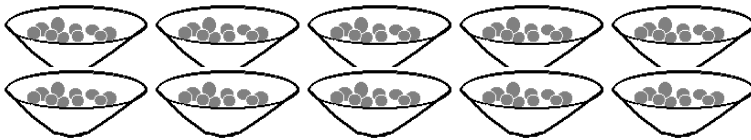
Miltipîlikaso:

$2 \times 0 = 0$	$3 \times 0 = \dots$	$4 \times 0 = \dots$	$5 \times 0 = \dots$
$2 \times 1 = \dots$	$3 \times 1 = \dots$	$4 \times 1 = \dots$	$5 \times 1 = \dots$
$2 \times 2 = \dots$	$3 \times 2 = \dots$	$4 \times 2 = \dots$	$5 \times 2 = \dots$
$2 \times 3 = \dots$	$3 \times 3 = \dots$	$4 \times 3 = \dots$	$5 \times 3 = \dots$
$2 \times 4 = \dots$	$3 \times 4 = \dots$	$4 \times 4 = \dots$	$5 \times 4 = \dots$
$2 \times 5 = \dots$	$3 \times 5 = \dots$	$4 \times 5 = \dots$	$5 \times 5 = \dots$
$2 \times 6 = \dots$	$3 \times 6 = \dots$	$4 \times 6 = \dots$	$5 \times 6 = \dots$
$2 \times 7 = \dots$	$3 \times 7 = \dots$	$4 \times 7 = \dots$	$5 \times 7 = \dots$
$2 \times 8 = \dots$	$3 \times 8 = \dots$	$4 \times 8 = \dots$	$5 \times 8 = \dots$
$2 \times 9 = \dots$	$3 \times 9 = \dots$	$4 \times 9 = \dots$	$5 \times 9 = \dots$
$2 \times 10 = \dots$	$3 \times 10 = \dots$	$4 \times 10 = \dots$	$5 \times 10 = \dots$

Giyə gaba àla:

$$\begin{array}{cccc} 6 \times 0 = \dots & 7 \times 0 = \dots & 8 \times 0 = \dots & 9 \times 0 = \dots \\ 6 \times 1 = \dots & 7 \times 1 = \dots & 8 \times 1 = \dots & 9 \times 1 = \dots \\ 6 \times 2 = \dots & 7 \times 2 = \dots & 8 \times 2 = \dots & 9 \times 2 = \dots \\ 6 \times 3 = \dots & 7 \times 3 = \dots & 8 \times 3 = \dots & 9 \times 3 = \dots \\ 6 \times 4 = \dots & 7 \times 4 = \dots & 8 \times 4 = \dots & 9 \times 4 = \dots \\ 6 \times 5 = \dots & 7 \times 5 = \dots & 8 \times 5 = \dots & 9 \times 5 = \dots \\ 6 \times 6 = \dots & 7 \times 6 = \dots & 8 \times 6 = \dots & 9 \times 6 = \dots \\ 6 \times 7 = \dots & 7 \times 7 = \dots & 8 \times 7 = \dots & 9 \times 7 = \dots \\ 6 \times 8 = \dots & 7 \times 8 = \dots & 8 \times 8 = \dots & 9 \times 8 = \dots \\ 6 \times 9 = \dots & 7 \times 9 = \dots & 8 \times 9 = \dots & 9 \times 9 = \dots \\ 6 \times 10 = \dots & 7 \times 10 = \dots & 8 \times 10 = \dots & 9 \times 10 = \dots \end{array}$$

$$\begin{array}{ccc} 10 \times 0 = \dots & 10 \times 4 = \dots & 10 \times 8 = \dots \\ 10 \times 1 = \dots & 10 \times 5 = \dots & 10 \times 9 = \dots \\ 10 \times 2 = \dots & 10 \times 6 = \dots & 10 \times 10 = \dots \\ 10 \times 3 = \dots & 10 \times 7 = \dots & \end{array}$$



$$\begin{array}{cccccc} 10 & + & 10 & + & 10 & + & 10 & + & 10 \\ + & 10 & + & 10 & + & 10 & + & 10 & = & 100 \end{array}$$

$$10 \times 10 = 100$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

### Gwale:

1. Miji kilə budong gı nāy 4 sug læ. Budong mın da, yi litir 5. Tandi i gı litir gı nāy pad indi mo?
2. Chamre kubi da, gun mın ùr litir sir sir. Dayar pad da, i litir indi na mo?

# Ɔsara gɛ dodɛ: «:» (Ɔsɛr dodɛ)

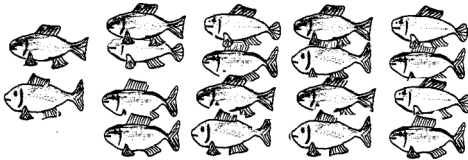
Mani nɛ ta di «:» i Ɔsara gɛ dodɛ.

Ɔsara gɛ dodɛ da, gɛ àl i ya ta de:

$$6 : 2 = 3 \quad \text{labaa} \quad \left| \begin{array}{r} 6 \quad 2 \\ \hline 3 \end{array} \right.$$

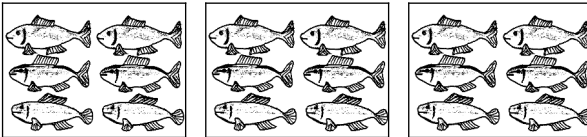
Àl ya:

1. Woni ùrɛ subu yibɛ gòche nɛ ta di pad. Cendi Ɔsɛgɛ dodɛ korgɛn subu:

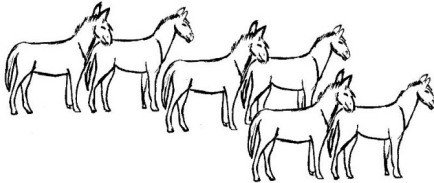


$$18 : 3 = 6$$

Gun mɛn da, 'yo gòche kubi kubi:



2. Gɛ Ɔsɛnɛ leme nɛ dayar ta di dodɛ sɛr da, ha 'ya i leme ɛndi ɛndi mo ?



$$\text{Cwaa lɛ diiyɛ: } 6 : 2 = 3$$

# Mani tuləgı, isər dodə subu me dodə wodı me ca

Woni yiga sır isı yiga dodə korgıñ sır. Wi kaw 'yo tulıñ tulıñ.

Tulıñ da, gı jangı i:  $1/2$



Mani tuləgı da, gı way ba tulıñ. Nimi 'won ber daa bədə da, gı way ba i tulıñ. Ber tuldı da, gı way ba i tulıñ.

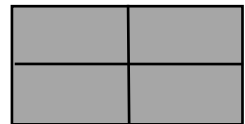
Woni yiga subu isı yiga day dodə korgıñ subu. Gun mın da, 'yo isı gı dodə subu di mın mın.

Dodə subu da, gı jangı i ya ta de:  $1/3$



Woni yiga wodı isı yiga dodə korgıñ wodı. Gun mın da, 'yo isə gı dodə wodı ta di mın mın.

Dodə wodı da, gı jangıw i ya ta de:  $1/4$



## Giyə gaba əla 1:

Deme isıgı dındadı wodı gato mın dodə. Dwe mın da 'yo .....

Koro dı māy sır da, i ..... koro tuldı.

6 isır dodə subu i .....

8 isır dodə wodı da i ....., 8 isır dodə sır da i .....

Giyə gaba àla 2: Ās+nandı:

(Də 'wacḡang i dara Miltip+likaso !)

$28 : 7 = \underline{\quad}$        $81 : 9 = \underline{\quad}$        $56 : 7 = \underline{\quad}$

$36 : 6 = \underline{\quad}$        $64 : 8 = \underline{\quad}$        $42 : 6 = \underline{\quad}$

$100 : 10 = \underline{\quad}$        $72 : 6 = \underline{\quad}$        $55 : 5 = \underline{\quad}$

$32 : 4 = \underline{\quad}$        $40 : 5 = \underline{\quad}$        $24 : 3 = \underline{\quad}$

$80 : 10 = \underline{\quad}$        $72 : 8 = \underline{\quad}$        $32 : 8 = \underline{\quad}$

$18 : 9 = \underline{\quad}$        $16 : 2 = \underline{\quad}$        $60 : 6 = \underline{\quad}$

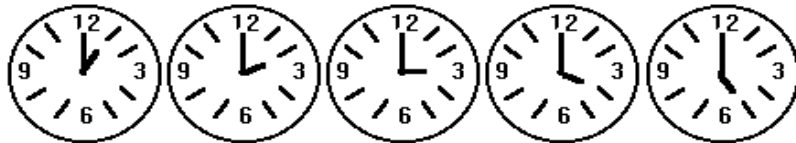
$20 : 4 = \underline{\quad}$        $27 : 3 = \underline{\quad}$        $49 : 7 = \underline{\quad}$

Gwale:

1. Dine idəgı̄ ı̄sı̄gı̄ dine kubi bangaso 24 dodə korgı̄ḡ ca ca. Dwe mın da, 'yo bangaso ı̄ndi mo ?
2. Amsı̄ dı̄angrı̄ tabure 4 gı̄ ponde 32. Tabure mın da, u ponde ı̄ndi mo ?

## Ɔsara gɛnɛ wála duwa

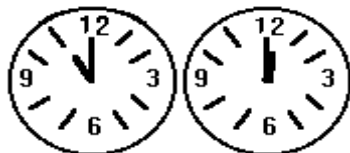
Wála mɛn dalawɛ da, dawa dɛndadɛ 24. Ya montɛr dwarzɛ lɛ da, dawa dɛndadɛ i 12 mɛra, libara gɛ dwe gɛ montɛr dwarzɛ lɛ dɛ cɛm ha nimɛro gɛ dɛngɛ àl i dawa dwe dɛra mɛn, anji gugɛr daa dii sɛr wála mɛn dalawɛ.



i dawa 1 , i dawa 2, i dawa 3, i dawa 4, i dawa 5,



i dawa 6 , i dawa 7, i dawa 8, i dawa 9, i dawa 10,



i dawa 11, i dawa 12 gɛ dawa labaa changa.

**Ler mɛn dwarzɛ lɛ da, i minit 60.** Libare gɛ jore gaba minit gugɛr daa dii mɛn da, i ler mɛn.

Libara gɛ dwe hɛnɛ labaa mani nɛ àl wulɛn wulɛn ta di, i segon. Anji gugɛr daa dii mɛn da, i minit mɛn, dara minit mɛn da, i segon 60.

Minit 15 da, i ler tuldɛ wodɛ. Minit 30 da, i ler tuldɛ mɛn.



Àl ya:



I dawa dɛndadɛ 8 gɛ minit 15



Dawa dɛndadɛ 11 da wor bam minit 15



Dawa dɛndadɛ 5 da, wor bam minit 5



I dawa dɛndadɛ 3 gɛ tulin



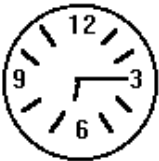
I dawa dɛndadɛ 4 gɛ minit 10



Dawa dɛndadɛ 7 da, wor bam minit 20

Giyɛ gaba àla:

1. Montɛr dɛ ta di dɛwɛɛ lɛ da, i dawa na mo ?



2. Dawa 2 gɛ minit 30 da, dayar i minit ìndi mo? Dawa 4 gɛ minit 10 da, i ìndi mo? Me dawa 6 gɛ minit 5 da, i ìndi mo?

3. Minit 300 da, i dawa dɛndadɛ ìndi mo? Minit 180 da, i dawa dɛndadɛ ìndi mo?

4. Minit sɛr da, i segon ìndi mo?

## Yara gi dawa

Də 'wacɲang dara wála mɪn dalawə i dawa dɪndadɪ 24.

Minit 60 dawa dwe dɪra mɪn dalawə.

Segon 60 minit mɪn dwaɾɪ lə.

Dɪmas mɪn dwaɾɪ lə i wála ɪndi mo?

Lendi, mardi, mekrədi, jodi, bandɪradi, samadi, dɪmas.

Giyə gaba àla:

- Dawa dɪndadɪ 72 da, i wála ɪndi mo?  
Dɪmas subu dwaɾɪ lə da, i wála ɪndi mo?  
Dawa dwe dɪra mɪn dalawə da, i segon ɪndi mo?  
Wála 56 da, i dɪmas ɪndi mo?

Aliya mɪn dalawə i wála 365, labaa i dɪmas 52 gi tulɪŋ.

Aliya mɪn da, ɪsər i dodə duru 12.

**Duru gi dɪsa** i wála 31.

**Duru gi bwage** da, i wála 28 aliya subu, me wála 29 aliya 4 (aliya gaba wála 366).

**Duru gi māyyə** da, i wála 31.

**Curi** i wála 30.

**Habiŋa** i wála 31.

**Bɪra nəng nəng** i wála 30.

**Amlamta** i wála 31.

**Basɪma** i wála 31.

**Cere** i wála 30.

**Dyawa** i wála 31.

**Sɪmra** i wála 30.

**Mōrɪ** i wála 31.

## Àla gi miltipilikaso gi biyè gaba chéé tulinyè

Mə so pii da, mə àl miltipilikaso i gi mani nə mìn mìn do me nə mwaj mwaj do me nə aru aru sɪŋ. 'Ywaa duwa di ina i nimɪro sɪr da, mə jangɪ mani nə mìn mìn kwandagɪ nə mìn mìn gɪndəgɪ lə, me mani nem mwaj da, mə jangɪgɪ daa ya ba mə biyɪgɪ chɪgɪ le de tulɪŋ dɪ worɪ di.

Àl ya:

Aru	mwaj	Mìn
(+1)	(+3)	5
×	2	6
1	5	0

$$\begin{array}{r}
 (+3) \\
 2 \ 5 \\
 \times \quad 6 \\
 \hline
 1 \ 5 \ 0
 \end{array}$$

Giyè gaba àla: Āsɪnandɪ:

$$\begin{array}{r}
 (+1) \quad (+1) \\
 3 \ 7 \quad 5 \ 6 \quad 8 \ 9 \quad 4 \ 8 \quad 5 \ 4 \quad 6 \ 5 \\
 \times \ 2 \quad \times \ 3 \quad \times \ 4 \quad \times \ 7 \quad \times \ 5 \quad \times \ 3 \\
 \hline
 7 \ 4 \quad 1 \ 6 \ 8
 \end{array}$$

$$\begin{array}{r}
 8 \ 7 \quad 9 \ 8 \quad 5 \ 2 \quad 6 \ 4 \quad 3 \ 7 \quad 4 \ 1 \\
 \times \ 6 \quad \times \ 7 \quad \times \ 3 \quad \times \ 5 \quad \times \ 4 \quad \times \ 8 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2 \ 3 \ 0 \quad 1 \ 2 \ 7 \quad 3 \ 0 \ 2 \quad 2 \ 3 \ 4 \quad 1 \ 5 \ 9 \quad 2 \ 7 \ 3 \\
 \times \ 4 \quad \times \ 4 \quad \times \ 3 \quad \times \ 2 \quad \times \ 5 \quad \times \ 3 \\
 \hline
 \end{array}$$

## Biynəndi chfnədi tulinyə:

Mana gi mə wor àla miltiplikaso gi nimiro gi gechide sinq da, 'wocn dara:

1. Mə àlna miltiplikaso di dii mwaj da, mə u nimiro gi 0 chf mana gi nimiro gi mə àl miltiplikaso læ ta di tuliwə:

$$26 \times 10 = 260$$

$$78 \times 10 = 780$$

2. Mə àlna miltiplikaso di dii aru da, mə lay nimiro gi 0 sir chigf mana gi nimiro gi mə àl miltiplikaso læ ta di tuliwə:

$$26 \times 100 = 2600$$

$$78 \times 100 = 7800$$

3. Mə àlna miltiplikaso di dii dubu da, mə lay nimiro gi 0 subu chigdi mana gi nimiro gi mə àl miltiplikaso læ ta di tuliwə:

$$26 \times 1000 = 26000$$

$$78 \times 1000 = 78000$$

4. Mə ùrnə àla miltiplikaso di wome ya  $85 \times 49$  de da, àldi gidam sir.

Pii da, àl  $85 \times 9$ , do me àl di  $85 \times 40$ .

Àl ya:

Biyə gaba chéə tulɨnyə gɨ dii 2:

Biyə gaba chéə tulɨnyə gɨ dii 1 :

Dubu	aru	mwaj	mɨn
	(3)	(2)	
	<del>(7)</del>	<del>(4)</del>	
		8	5
×		4	9
	7	6	5
(+1)	4	0	0
+ 3			
4	1	6	5

$85 \times 9$  'Ywaa duwa i:

$85 \times 40$  'Ywaa duwa i:

'Bama gɨ 'ywaa duwa gɨ sir ta di daa:

(2)			(1)
(4)	(2)	(1)	(2)
85	56	42	37
× 49	× 14	× 18	× 23
-----	-----	-----	-----
(1)765	224	336	
+3400	+ 560	+ ... 0	+ .....
-----	-----	-----	-----
4165	784		
=====	=====	=====	=====

$$\begin{array}{r} 89 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 156 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 225 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 3451 \\ \times 66 \\ \hline \end{array}$$

$$\begin{array}{r} 509 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 2870 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 1226 \\ \times 87 \\ \hline \end{array}$$

## Ɔsɛ Ɠɪ dɔdɛ Ɠɪ sɔ dɔɔ hɔ dɔdɛ

Ɔsɛ Ɠɪ dɔdɛ Ɠɪ wɔmɛ dɔ, mɛ ɪsɪ Ɠɪyɛ dɪ dɔdɛ Ɠɪɾɪ lɛ mɛ sɔ nɪmɪrɔ Ɠɪ Ɠɛchɪdɛyɛ pɪɪ dɔ.

Àl yɔ:

Pam ɪ Ɠɪ suwal Ɠɪ mɔ̃y 528 dɔɔ bwa mɔnɔ Ɠɪ cɪrɪ 4 lɛ. Cɪrɪ mɪn dɔ, hɔ ɪywa suwal ɪndɪ mɔ?

Āsɪnandɪ dɔɔ hɔ dɔdɛ:

$$\begin{array}{r|l} 528 & 4 \\ -4 & \\ \hline 12 & 132 \\ -12 & \\ \hline 08 & \\ -8 & \\ \hline 0 & \end{array}$$

Yandɛ dɔ:  $528 : 4 = 132$

Ɠɪyɛ Ɠɔbɔ àlɔ 1:

$$\begin{array}{r|l} 96 & 3 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 145 & 5 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 680 & 8 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 375 & 6 \\ \hline & \end{array}$$

Giyə gaba àla 2:

İsə gı dodə pad da, 'yaña duwa bor mın pad bədə. Nə mın da, 'yeñ me mani wor ilə:

79		3	137		4	523		5	476		9
-6											
19		26									
-18											
1											

Giyə gaba àla 3:

325		20	90		12	145		11	420		15
-20											
125		16									
-120											
5											

436		15	512		20	550		25	282		18



# Cwara gaba yara āsa gɛ̄ mani gɛ̄ jiga jiga wodɛ̄ ta di

Āsinandi mani nē i ka di:

$$\begin{array}{r} 256 \\ + 607 \\ \hline \end{array}$$

$$\begin{array}{r} 1168 \\ + 96 \\ \hline \end{array}$$

$$\begin{array}{r} 1026 \\ + 9117 \\ \hline \end{array}$$

$$\begin{array}{r} 6356 \\ + 4299 \\ \hline \end{array}$$

$$\begin{array}{r} 139 \\ - 117 \\ \hline \end{array}$$

$$\begin{array}{r} 386 \\ - 108 \\ \hline \end{array}$$

$$\begin{array}{r} 5347 \\ - 2964 \\ \hline \end{array}$$

$$\begin{array}{r} 4572 \\ - 1286 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 856 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r|l} 176 & 4 \\ \hline \end{array}$$

$$\begin{array}{r|l} 284 & 12 \\ \hline \end{array}$$

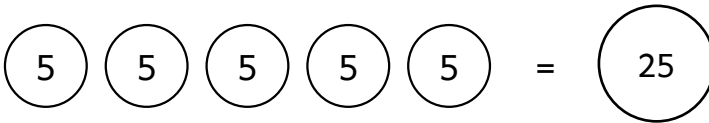
$$\begin{array}{r|l} 1428 & 16 \\ \hline \end{array}$$

$$\begin{array}{r|l} 4646 & 18 \\ \hline \end{array}$$

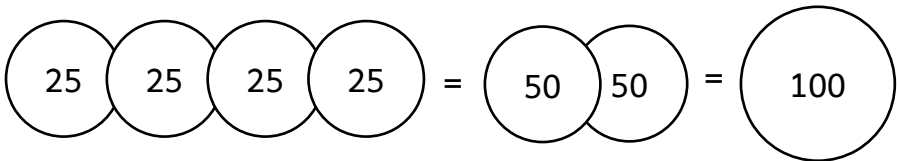
# Gursti

Mana gĩ bii ìnda læ da, gĩ āsĩ 1 da, bor i gĩ 5 FCFA.  
Frang jii me dang frang jii me dang frang jii me.

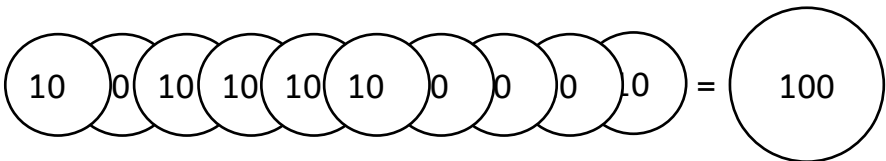
Ɖim da, ina i āsa gaba janga dodæ læ da, gĩ āsĩ mĩn mĩn  
ya ba gĩ jangĩ nĩm gursti ɖĩ chile labaa ɖĩ baje baje siɖĩ  
ta de.



$$5 + 5 + 5 + 5 + 5 = 25$$

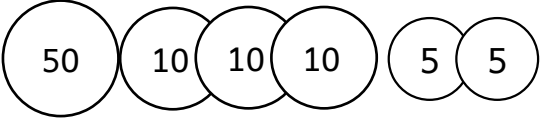


$$25 + 25 + 25 + 25 = 50 + 50 = 100$$



$$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 100$$

Giyə gaba àla 1:

Nə i gı gursı 90 FCFA 

Nə myandına 40 FCFA bam da, wor ındi mo ?

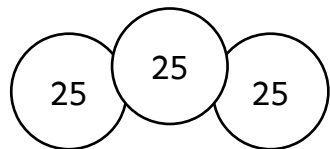
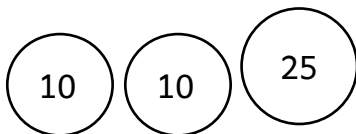
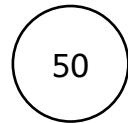
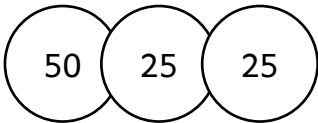
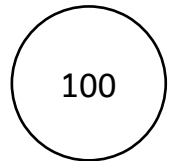
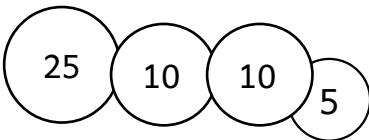
Nə myandına 25 FCFA bam da, wor ındi mo ?

Nə myandına 65 FCFA bam da, wor ındi mo ?

Giyə gaba àla 2:

Nə unə gursı 2500 FCFA me, ijim mə unə 3850 FCFA me da, ca ında lə da, dı u ında i gursı ındi mo ?

Giyə gaba àla 3: Gursı dı bor gı kondıdı ca da, janandı mani ryandarna daa daa:



# Gursi di baje baje di bangki



Gursi aru



Gursi sak



Gursi aru wodi



Gursi sak jii



Gursi sak mwaj

Baje 2 di nã gursi aru = baje 1 gi nã sak 1

Chile 20 dīnə gursi gīnīŋ sīr = baje 4 dīnə gursi aru =  
baje 2 dīnə gursi sak = sak sīr.

Baje 10 dīnə sak mīn = baje 5 dīnə sak sīr =  
baje 2 dīnə sak jii = baje 1 dīnə sak mwaj.

Giyə gaba àla 1: Mana gi wor pəgīŋ da, janandi lə:

Baje 3 dīnə sak jii = baje \_\_\_\_ dīnə sak mīn

Baje \_\_\_\_ dīnə sak sīr = baje 1 dīnə sak mwaj

Baje 1 dīnə sak sīr = baje \_\_\_\_ dīnə gursi aru

Baje 1 dīnə sak sīr = sile \_\_\_\_ dīnə gursi gīnīŋ sīr

Baje 1 dīnə sak mīn = sile \_\_\_\_ dīnə gursi mwaj

Baje 20 dīnə gursi aru = baje \_\_\_\_ dīnə sak mwaj

Baje 3 dīnə sak mwaj = baje \_\_\_\_ dīnə sak mīn

Baje 4 dīnə sak sīr = baje \_\_\_\_ dīnə aru

Chile 1000 dīnə gursi gīnīŋ sīr = baje \_\_\_\_ dīnə sak jii

Baje 1 dīnə sak mīn = sile \_\_\_\_ dīnə gursi jii

Giyə gaba àla 2: Āsınandı:

$$100 \text{ FCFA} + 1000 \text{ FCFA} + 25 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$2000 \text{ FCFA} + 1000 \text{ FCFA} + 500 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$2000 \text{ FCFA} + 2000 \text{ FCFA} + 500 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$5000 \text{ FCFA} + 2000 \text{ FCFA} + 100 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$10000 \text{ FCFA} + 5000 \text{ FCFA} + 500 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$5000 \text{ FCFA} - 2200 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$2000 \text{ FCFA} - 825 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$10000 \text{ FCFA} - 7650 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$1000 \text{ FCFA} - 675 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$10000 \text{ FCFA} - 525 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$5000 \text{ FCFA} - 4200 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$25000 \text{ FCFA} - 8670 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$20000 \text{ FCFA} - 17500 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

$$15000 \text{ FCFA} - 14850 \text{ FCFA} = \dots\dots\dots \text{FCFA}$$

## Gwale:

1. Aba kunbā bage kīl dīmənje 3. Dīmən mīn da, gursi dīra i 6500 FCFA. Dīmənje subu da, anji 'yogī gī gursi īndi mo?
2. Idi tujar mīn kīl kes dī mongo 4. Kes mīn da, gursi dīra i 850 FCFA. Tandi co mongo dīra di kīldi bam. Kes mīn dīdā da, tandi 'yo nimi dīra 200 FCFA. Tandi 'yo gursi pad da, īndi mo ? Tandi co kes dīra di pad kīldi bam gī gursi īndi mo ?
3. Musa kīl marse duwa 4 bam 'yo gursi 10000 FCFA. Marsa mīn da, kili dīra i īndi mo ?
4. Mari 'yo gursi 10000 FCFA. Tandi ūr ba dī kīl barge. Mari kīl barge dīra subu gī gursi 5500 FCFA, kīldi durmādi rob gī dwe mīn gī 600 FCFA, kīlīw gorīndīdi besde mīn gī 2200 FCFA. Wordi gursi īndi mo ?
5. Aba tujar kīl kaye 5 bam. Kaye mīn da, i gī gursi 500 FCFA me anji kīl big subu bam me ca. Big mīn da, gursi duwa i 75 FCFA. Anji 'yo pad da, gursi īndi mo ?
6. Aba yiga mīn wāla gī swagə naa dayyā da, kīl māy bam naḡe. Anji kīl koro mīn bam gī gursi 200 FCFA. Iri, gīra yiga lə da, anji yər swagə duwa di yeḡe, anji ha kīl swagə nə gīsə daa koro 18. Koro mīn anji kīl gī gursi 350 FCFA. Mana gī anji kal swagə naḡ bədə cor bo gursi īndi bam mo?

7. Abe mɪn aw gər gɪnə gun duwa. Dawa dwe dɪra mɪn da, gɪ 'yogɪw gursɪ 150 FCFA. Ùrɪw i dawa dɪndadɪ 55 do me gər di ha 'yaŋa sɪŋ. Yande da, aba 'yàw giyè di ha 'ywigaw i gursɪ ìndi mo ?

### **Gursɪ dɪ jiga jiga**

Gursɪ dɪ (FCFA) wom i mana gɪ cɪri dɪ gɪsɪgədə 6 ta di lè:  
CAD - KAMERUN - RCA - GABON - GINE  
EKWATORIYAL - KONGO

Gursɪ dɪ àl giyè : Nayra mana gɪ Nigeriya  
Dinar mana gɪ Libi me Sudan me  
Euro mana gɪ Präs me Alman me  
Dollar (\$) mana gɪ USA

Gursɪ dɪ jiga jiga ta di kɪlanga dɪra cogdɪre wála gɪ wála, i dɪ Euro me cor bədè tandi. Euro mɪn da, i gursɪ 656 FCFA:

$$1 \text{ Euro} = 656 \text{ FCFA}$$

#### Giyè gaba àla:

Aba tujar mɪn kɪlè barge mana gɪ Präs. Metɪr mɪn da, anɟi kɪlèw i gɪ gursɪ 2 Euro. Anɟi gɪra cow kɪlèw bam ka. Metɪr mɪn da, 'yo nimi duwa lè 188 FCFA.

a) Metɪr mɪn da, i gursɪ dɪ FCFA ìndi mo?

b) Aba yiga mɪn kɪl barge gɪ ta di metɪr 8. Anɟi ha myanda gursɪ ìndi na mo?



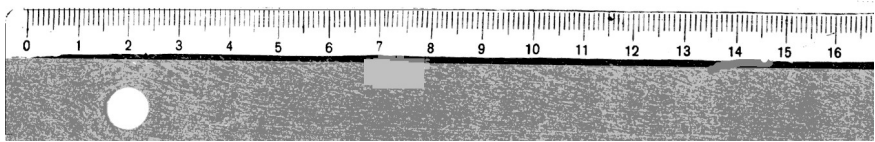
## İrmə gî mani charni day

### 1) Charni:

Gî ırmədi i gî metir (m), gî santimetir (cm), gî kilometir (km), etc. Mani nə bağ woni ırmə mani charni day da, i metir (m).

### 2) Charni dine gî metir dıyiw bam:

Charni gî dine gî metir dıyiw bam da, i santimetir (cm) me, i milimetir (mm) me ca.



Mana gî regil sıwə, mə yər santimetir (0, 1, 2, 3) me milimetir (jagda gî dine bani bani 10 mana gî santimetir mın dalawə).

Metir (m) 1	= Santimetir (cm) 100	1 m = 100 cm
Santimetir (cm) 1	= Milimetir (mm) 10	1 m = 1000 mm

### Giyə gaba àla:

İrminə kulu charni duwa me bılhani duwa me, ırminə yiga me, etc. gî metir.

İrminə tabıl charni dıra me bılhani dıra me, ırminə kaye me gî santimetir.

### 3) Charni gɛ doy metɪr bam:

Charni gɛ doy metɪr bam da, i kilometɪr.

$$\text{Kilometɪr 1 (km)} = 1000 \text{ m}$$

Kilometɪr (km)			Metɪr (m)
1	0	0	0
			1

Metɪr 1000 da, i kilometɪr 1.

Yande da, 5000 m = ..... kilometɪr ?

$$2 \text{ km} = ..... \text{ m ?}$$

Giyɛ gaba àla: Ìrmɪnɛ yiga charni duwa me bɪlnani duwa me ca, ciri bulɛ dɪra gɛ kondɪdɪ, nɔlɪŋ charni duwa gaba liwɛ ciri daa gɛ metɪr me gɛ kilometɪr me ca.

Gwale:

1. Jamena bulɛ day gɛ Waliya da, charni duwa i kilometɪr 10. Abe mɪn so Jamena da, ha dawa dɪndadɪ 2 do me dɪm Waliya sɪŋ. Dawa dwe dɪra mɪn da, anɟi ha kilometɪr ìndi mo ?
2. Adum wà gɛ belo kilometɪr 16 dawa dwe dɪra mɪn dalawɛ. Ùrnɛ dara ba hanɛ nuwɛ da, ùrɪw i wàa dɪban dɪbɛ gɛ dodɛ dawa dɪndadɪ sɪr gɛ tulɪŋ. Nuw di ciri duwa i kilometɪr ìndi mo?

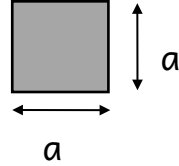
# Mani n̄ ḡi ɪrm̄iɟi le (Les figures géométriques)

## a) Mani n̄ ḡi 'woḡiɟi kare:

Ḡind̄əɟi d̄i biȳə:

Kare da, i mani n̄ ḡi ɪrm̄iɟi le.

Charni duwa me b̄iɪnani duwa me da, bor ca. Ɖongi duwa ḡi wod̄i da, i t̄iba t̄iba.



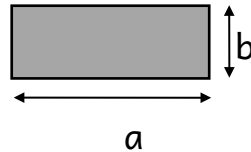
Āsa ḡi liw̄ə duwa ḡi daa da:  $4 \times a$

## b) Mani n̄ ḡi 'woḡiɟi rektanḡil:

Ḡind̄əɟi d̄i biȳə:

Rektanḡil da, i mani n̄ ḡi ɪrm̄iɟi le. Tulb̄əw i wod̄i me

ɔngi ḡi wod̄i da, i t̄iba t̄iba.

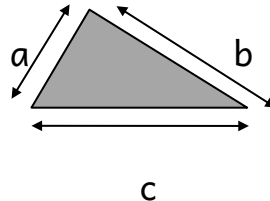


Āsa ḡi liw̄ə duwa ḡi daa da:  $(2 \times a) + (2 \times b)$

## c) Mani n̄ ḡi 'woḡiɟi tiranḡil:

Ḡind̄iw d̄i biȳə:

Tiranḡil i mani n̄ tulb̄əɟi i subu.



Āsa ḡi liw̄ə duwa ḡi daa da:  $a + b + c$

## Ɛrmə gɛ sɪŋa dɪdɪ bɪlnani dɪra

Ɛrmə gɛ ta di gɪlɪw gun 'wacɲa gɛ yiga duwa bɪlnani duwa me kulu duwa bɪlnani duwa me ciri dɪ geche bɪlnani dɪra me ca. Mana bɪlnani duwa da, gɛ ɪrmɪw i gɛ mani nə gɛ 'wogɪgɪ metɪr kare ( $m^2$ ), kilometɪr kare ( $km^2$ ), gɛ ar (=  $10 m^2$ ), gɛ hektar ( $100 m^2$ ), labaa, mana gɛ bani da, gɛ ɪrim i gɛ santimetɪr kare ( $cm^2$ ).

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

Yarna kare gɛ tulbəw i 10 cm.  $10 \times 10 = 100$

Yande da, bɪlnani gɛ dalawə pad da, i  $100 cm^2$ .

Yarna me āsɪna kare gɛ bani bani ta di.

## 1. Āsa gī mana gī tulbaw wodi:

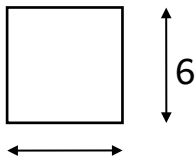
Mə ùrnə dara 'wacḡa yiga dalaw pad bīlnani duwa da, urīm i 'wacḡa charni duwa me bīlnani duwa me do me mə bamgī daa àl miltiplikason day.

Àl ya:

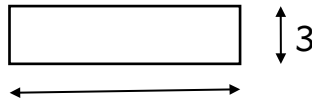
1. Yiga dan bīlnani duwa i metir 22 me charni duwa i metir 45, dalaw pad naḡa duwa i  $990 \text{ m}^2$ , dara:

$$22 \text{ m} \times 45 \text{ m} = 990 \text{ m}^2$$

2. Yarna birmə sir gī anə nem 'woo dara yiga sir gī dalaw bīlnani duwa bor ca, bīlnani gīnə yiga mīn duwa i  $36 \text{ m}^2$  :



kare gaba  
**6 m me 6 m me**



rektangil gaba  
**12 m me 3 m me**

- a) 'Wacḡa yiga gī kare dalaw bīlnani duwa da, i:  
« tulīw mīn charni duwa  $\times$  tulīw charni duwa »,  
ka da i:  $6 \times 6 = 36$

b) 'Wacṇa yiga gɨ rektanguler dalaw bɨlnani duwa da i:  
« charni duwa × bɨlnani duwa »  
ka da i:  $12 \times 3 = 36$

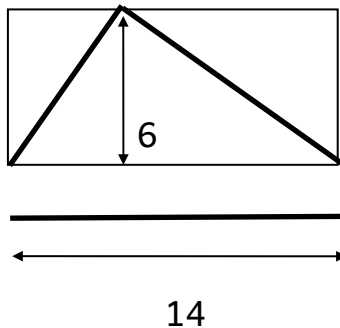
Giyə gaba àla 1:

Yiga gɨ charni duwa metir 50 me bɨlnani duwa metir 25 me da, dalaw pad naṇa duwa i ìndi mo?

## 2. 'Wacṇa yiga gɨ tirangɨl dalaw naṇa duwa:

Dara 'wacṇa tirangɨl dalaw naṇa duwa da, mə u charni duwa me hwa duwa me àl miltiplikason do me mə ìsì dodə korgiṅ sɨr. Tirangɨl sɨr gɨ bor ca ilə mana gɨ rektangɨl mɨn gɨ hwa duwa me charni duwa me ilə dalawə.

Àl ya:



Rektangɨl dalaw naṇa duwa pad:  $6 \times 14 = 84$

Tirangɨl dalaw naṇa duwa pad:  $84 : 2 = 42$

### Giyə gaba àla 1:

Remi yiga duwa charni duwa i metir 40 me, bɪlnani duwa i metir 20 me ca. Anji giɲ kɪlanga ginə chendiw duwa gi charni duwa metir 30 me, bɪlnani duwa metir 30 di bam. Chendiw di irim yiga duwa me ba naɲ anju.

Yiga min da, dalaw naɲa duwa i man mo?

I wi gwale duwa 'yol mo?

### Giyə gaba àla 2:

Asan yiga duwa bɪlnani duwa i metir 42 me charni duwa metir 65. Anji kil charwa di idi 'yáa daɲ bam.

Mana gi gasasa siwə da, gi jangi ba a nem bwaa mana gi yiga gi naɲa duwa i  $800 \text{ m}^2$ . Urɪw āsan kilə charwa di gasasa indi me ha nyamaw yiga duwa di pad mo ?

### Giyə gaba àla 3:

Piin ur barge  $6 \text{ m}^2$  dara busə wusad gi ches dalawə.

Tandi ur ba di kil barge gi bɪlnani duwa i metir 2.

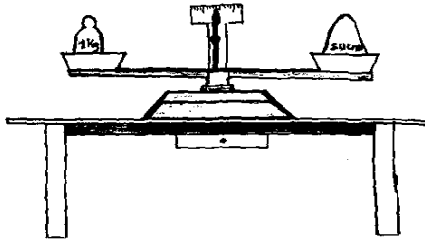
Urɪ kilə barge di metir indi mo?

## Èrmə gî mani noo day

Ùr 'wacna gun noo duwa me mwagina noo duwa me mani noo day me ca. Gî ìrim i mani nə gî 'wogîgî **gram** me **kilogram** me **kental** (k) me **ton** me ca.

Gram (gr), kilogram (kg), kental (k), ton (t) da, i mani woni ìrmə noo gîna mani day.

Kilo dî bor ca ca:



Kilo dî idî ìrmə mani nə noo i:

- Nimi litîr mîn da, noo duwa i kilo 1 (1 kg).
- Dine dî nimiyə dî geche da, noo dîra i ton 1 (1 t).
- Kabno gî geche da, nem laya mani ton 30 labaa 40.

**a) Mani nə nu døy kilo bam:**

$$1 \text{ ton} = 1\,000 \text{ kg}$$

$$1 \text{ kental} = 100 \text{ kg}$$

Ton (t)	kental (k)	10 kg	Kilogram (kg)
1	0	0	0
	1	0	0
		1	0
			1



Giyə gaba àla 1:

$$10 \text{ t} = \dots \text{ kg}$$

$$2 \text{ k} = \dots \text{ kg}$$

$$6 \text{ k} = \dots \text{ kg}$$

$$3 \text{ t} = \dots \text{ kg}$$

**b) Mani nə bəni nə kilogram nu dəygi bam:**

$$1 \text{ kg} = 1000 \text{ gram (gr)}$$

Kilogram (kg)			Gram (gr)
1	0	0	0
			1

Giyə gaba àla 2:

$$2 \text{ kg} = \dots \text{ gr}$$

$$5 \text{ kg} = \dots \text{ gr}$$

$$2500 \text{ gr} = \dots \text{ kg}$$

$$10000 \text{ gr} = \dots \text{ kg}$$

## Mani naŋa day

Gɛndiw di biyɛ: bolim da i mani naŋa day mana gɛ kwandagɛ dɔwɔragɛlɛ. Gɛ ɪrmɪw i gɛ mililitɪr, litɪr, hektolitɪr me metɪr kub, etc...

$$1 \text{ litɪr} = 1000 \text{ ml}$$

$$1 \text{ metɪr kub} = 1000 \text{ l} = 1 \text{ ton}$$

### ɪrmɛ mani dɔwɔragɛ :

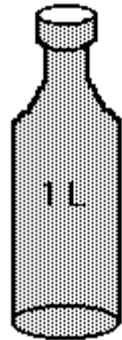
Gɛndiw di biyɛ: kapasite da, i mani nɛ nimi nɛ mana gɛ mani dɔwɔragɛ lɛ.

#### a) Litɪr

Mani nɛ baɔ woni ɪrmɛ kapasite da, i litɪr.

Barmil mɪn da, yi litɪr 200.

So mɪn da, yi litɪr 10 labaa 15.



#### b) Mani nɛ litɪr dɔyɔgɛ bam

$$1 \text{ litɪr} - 1000 \text{ mililitɪr (ml)}$$

Litɪr (l)			Mililitɪr (ml)
1	0	0	0
			1

Giyə gaba àla 1: Cwanandi:

$$2 \text{ l} = \dots \text{ ml}$$

$$10000 \text{ ml} = \dots \text{ l}$$

$$6 \text{ l} = \dots \text{ ml}$$

$$1500 \text{ ml} = \dots \text{ l}$$

b) Mani nə nañ døy litır bam:

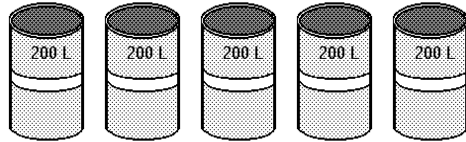
$$100 \text{ l} = 100 \text{ litır} = 1 \text{ hektolitır (hl)}$$

$$10 \text{ hl} = 1000 \text{ litır} = 1 \text{ metır kub (m}^3\text{)}$$

1 metır kub

$$= 1000 \text{ l}$$

$$= 5 \text{ barmil dı 200 l}$$



Metır kub (m <sup>3</sup> )	Hektolitır (hl)		Litır (l)
1	0	0	0
	1	0	0
			1

Giyə gaba àla 2: Cwanandi:

$$300 \text{ l} = \dots \text{ hl}$$

$$50 \text{ l} = \dots \text{ hl}$$

$$10 \text{ l} = \dots \text{ ml}$$

$$5 \text{ hl} = \dots \text{ l}$$

$$1 \text{ m}^3 = \dots \text{ l}$$

$$4 \text{ m}^3 = \dots \text{ hl}$$

Gwale:

1. Patime kubı nımı 'won barmil dı idi yəə litır 200 daa.

Tandi u i mani woni yəə litır 25 me kubı nım. Ûrdı i

hára bıla læ gıdadı ındi me ha 'wana gı barmil daa mo?

## Cwara gaba yara: Gwale

### 1. Diba da, gi isigi i man man mo?

Chandirang mar bam. Anji kal labje na namde 64, me bage 24, lama min me, duroje 192 me gursi 37.320 FCFA. Abirang ha yea duwa lama, me mani na wor da, gi ha isagi doda korgin 8.

Isa gi 8 da, i na ha 'ya la ba ba mo?

### 2. Gama gi swaga nana Pwana duwa:

Yiga gi chire ginan Pwana duwa i pige 3½. Yiga ginan Pwana duwa gi ta di, pige min da, haraw gi chire ton 1 gi kilo 750.

a) Pwana 'yo chire pad da, i indi mo?

b) Anji kilna chire di bam kilo min gi gursi 120 FCFA da, anji ha 'yawa gursi indi mo?

c) Pwana ha 'ywaga gursi di idi charwa di laptanna 60.000 FCFA, 2.000 FCFA dara lombo duwa me dyamo dira me, 90.000 FCFA dara dindaw lekol day, 145.000 FCFA dara barge day gi na dindaw me, 45.700 FCFA dara faraba gi kululi day me, 'yadi dyamo 25'000 FCFA dara kilba mani dira na nungdi.

Anji huru gursi 200.000 FCFA mana gi ladeya bangki.

Anji diraw ur kilu gi belo. Belo gi dirway da, gursi duwa i 86.000 FCFA.

Gursi duwa da, ha nyamaw mani nã ta di pad mo?

d) Gursi woriw dodã ìndi mo?

e) Anji unã gursi duwa di ìsinã dodã korgiñ wodĩ me unã ìsã di mìn 'yànadi iw di hale di idi mwom. Tandĩ ha 'ywaa gursi ìndi mo ?

### 3. Ladni gorndidi gi mañ mwom duwa

Ladni mañ ðira womire. Impirme waydi ba kɪlnã siro gaba gache. Anji waydi Ladni ba da, wála mìn da, 'yàw kuyar gaba yèè ml 5 dalaw 3 dii wodĩ. 'Yàw kalìw a yèè àl wála mwaj. Gasasa gaba siro yi charwa di i ml 200.

a) Ladni ha kɪlã i gasasa gi siro di ìndi me ha 'yàw dwe di nyama mo?

b) Gasasa mìn da, gursi duwa i 2.650 FCFA. Ladni gursi ðira da, i 5000 FCFA mĩra. Ùrdi i gursi ìndi lã ðang mo?

c) Ladni magdi gĩna leda lã ha nĩm kɪlã bam sug lã. Tandĩ kɪlnã ma mìn bam gi gursi 15 FCFA da, ùrdi i kɪlã magda ìndi me ha nyamadi kɪlãw gi dwe ðira di charwa lada mo?

### 4. Dara gi yiga dara swagã

Maji ùr ba 'yo chire ton 15 aliya gi laba lã. Metir kare mìn 'yànaw chire kilo 2 da, yiga duwa di naña duwa i man mo? Gi m<sup>2</sup> ? Gi ar? Gi hektar?

## 5. Āsa mana yàa duwa

Ùrìw i Adum hára dawa dɪndadi 6 do me, dɪmɛ ciri kugɪmiyɛ sɪŋ. Adum ha kaláng naŋe. Anji ha kilomɛtɪr 5½ dawa dwe dɪra mɪn dalawɛ.

a) So ciri duwa lɛ ha ciri dɪ kugɪmiyɛ da, bulɛ day i ìndi mo?

b) Adum ùrnɛ ba ha dayara gɪnɛ komite nɛ alpa day i gɪ 15h30 da, ùrìw i swaa ulay duwa lɛ gɪ dawa na mo? Komite di cagdana daa dayara lɛ di gɪ 19 h me Adum ìndarna hára bɪrɪŋ me da, anji ha gɪrɛ ulay duwa lɛ gɪ dawa na mo?

## 6. Giyɛ gɪ letɪr:

Mari giy letɪr mwaj bii jii mana gɪ Prās. Letɪr dɪ 10 da, noo dɪra nem gram 10 bɛdɛ. Ìrɪ, letɪr dɪ 3 da, noo dɪra i gram 16 me, letɪr dɪ 2 da, i gram 25.

Gursɪ dɪ postɪ dɪ idɪ hára Prās da i:

0 - 10 gr	500 FCFA
10 - 20 gr	600 FCFA
20 - 30 gr	725 FCFA
30 - 40 gr	850 FCFA

Mari ha 'ywaga gursɪ pad ìndi mo?

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