

Akontaa gbɔŋku kuliliitiiu ki tii ncam sukuliu



Calcul, tome 2

ncam

**Akɔntaa gbɔŋku kuliliitiu
ki tii ncam sukuliu**

Cours de calcul, niveau 2,
pour l'alphabétisation en langue ncam

Adapté du livre original « Cours de calcul niveau 2 »
en français, développé par ROOSEN Marie-Rose,
SIL Togo-Bénin

Illustrations adaptées par ROOSEN Marie-Rose

Traduit par
Waké NINKABOU et Djéri GNONWAYE

Avec l'aide technique de SIL Togo-Bénin

Association Chrétienne des Eglises de Bassar
(ACEB) Bassar

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Abɔyil

1. Ikaan ɲmaɲmabiti kí kí 0 kí saa 29 ñ nsàmbiyaamu 4 mun pu bi òɲfi kí cótée teetitam.
2. Ikaan ɲmaɲmabiti kí kí 30 kí saa 100 kàantan ñ anɲmàtam.
3. Dibùtil ñ dibàtil an ñ bikpaafikaab.
4. Ikaan ɲmaɲmabiti kí kí 100 kí saa 1000 kàantam ñ an ɲmàtam.
5. Bi ní òɲfi pu kí ɲmànti tin bí cúlcúlee.
6. Min ní bi òɲfi kí cótí dibùtil an ñ bikpaafikaabee.
7. Min ní bi òɲfi kí ɲmànti mpuun ñ ɲwaanee.
8. Diteetil.
9. Min ní bi òɲfi kí cótí diyakatil an ñ bikpaafikaab tiba ń taa kííee.
10. Ikaan ɲmaɲmabiti kí kí 1000 kí saa 100.000 kàantam ñ an ɲmàtam.
11. Min ní bi òɲfi kí ɲmànti nnyinfee.
12. Min ní bi òɲfi kí cótí kunimiɲmiiu ñ ɲi-jitamee.
13. Min ní bi òɲfi kí bée ɲyunti (kíkúluu / ñ iɲmalee).
14. Min ní bi dù kɔntaa masiinbiki kí cótée.
15. Diteetil.

Dibɔyil 1

Ikaan ηmaηmabiti teetitam kí kíí 0 kí cáá saa 29

Ikaan ηmaηmabiti kí kíí 0 kí cáá saa 29 kàantam.

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

Ní ηmà ikaan ηmaηmabiti kí kíí 0 kí cáá 29 ipɔn in
bi lutì nee pu.

Diteetil tundi.

$5 + 7 =$

$8 + 6 =$

$12 + 5 =$

$3 + 9 =$

$4 + 15 =$

$11 + 11 =$

$10 + 10 =$

$20 + 7 =$

$25 + 4 =$

$7 - 4 =$

$8 - 3 =$

$24 - 12 =$

$9 - 5 =$

$13 - 6 =$

$19 - 12 =$

$22 - 11 =$

$27 - 17 =$

$29 - 8 =$

$2 \times 4 =$

$5 \times 2 =$

$8 \times 3 =$

$6 \times 4 =$

$1 \times 9 =$

$3 \times 5 =$

$10 \times 2 =$

$7 \times 4 =$

$9 \times 2 =$

$6 : 3 =$

$12 : 4 =$

$24 : 8 =$

$21 : 3 =$

$18 : 6 =$

$27 : 3 =$

$16 : 4 =$

$14 : 2 =$

$10 : 2 =$

3. A cáá ntaᅅkpalimu ᅅᅅàl mbo saalaa saalaa 2 pu an kpáfi muᅅa? ᅅᅅmà an nín sá puee: _____

Lùti ikaan ᅅmaᅅmabiti an nín kpáfi pu nee ᅅᅅàlkpa taapu.

Á kuti ntaᅅkpalimu 8. Ntaᅅkpalimu mun a cááyee kpáfi muᅅa? _____

Lùti ikaan ᅅmaᅅmabiti an nín kpáfi pu nee ᅅᅅàl mbo taapu.

4. ᅅᅅmà ikaan nee ᅅmaᅅmabiti:

ᅅᅅàlkpa 9 nì ᅅᅅàl mbo 1: _____

ᅅᅅàl mbo 1 nì ᅅᅅàlkpa 5: _____

ᅅᅅàlkpa 2 nì ᅅᅅàl mbo 2: _____

ᅅᅅàl mbo 2 nì ᅅᅅàlkpa 4: _____

ᅅᅅàlkpa 6 nì ᅅᅅàl mbo 1: _____

5. ᅅᅅmà ikaan ᅅmaᅅmabiti tikpil, tin poon 1 sí ᅅᅅàl mbo paᅅᅅu puee.

6. ᅅᅅmà ikaan ᅅmaᅅmabiti tikpil, tin poon 0 sí ᅅᅅàlkpa paᅅᅅu puee.

1. Akim cáá tigban mmun̄ku n̄i tinii kí nyafi.
Kutaafaaee u bàà nyáfi tigban saalaa kijoou nee
muee u nyáfi tiluu.
Dín̄ wiin̄guee tigban tiŋa ní u ŋún̄ ki nyáfi?

2. U-saabiliiki poonee m-baa cáti adan wiikí. Adan
aluu poonee toomaatibi binaa binaa. Adan anaa
poonee yagimb biluli biluli, ata mun poonee im̄ɔɔn
iŋmoo iŋmoo.
Kusaabiliyee poonee adan kpáfi aŋa?
Toomaatib kpáfi biŋa?
Yagimbi kpáfi biŋa?
Ní im̄ɔɔn kpáfi iŋa?

3. M-na cáá abeedimbiil ki là kí túuń. U cáá
abeedimbiil ŋin máneee anii. Ní u-naal kúti-u
ason aluu, n̄i ŋin nyim sá kpalikuee mun saalaa.
Mimmee abeedimbilee kpáfi aŋa dee ú túuń?

4. M-naanja cáá ñḡḡbiyaamu mmuḡku nì munii.
U nyáfiḡ u-kḡḡkḡḡnaato saalaa nì muli.
Ñḡḡbiyaamu kíḡ u-cee muḡa?

5. U-saaku poonee m-baa cóoḡ ibafi saaliku. Utaa
nìḡ tikpil ki kuntì ita. Ibafee kíḡ iḡa dee?

6. Baawul ubḡ poonee mbiyaamu sá muli kpá
mmuḡku ní ki dḡmiḡ bí saa-mu. Dḡkḡta un bí niinee
kaa cáá ipiim ili kpá mmuḡku kí saa-mu. Ní u saa
mbiyaamu saalaa. Mbiyaamu muḡa di máaḡ kí gítín
bí saa-mu?

7. M dá inaa inàa.

Unaa ubo cáá iyin ija?

M ñuñ kí ká iyin ija inaayee pu?

8. Udimal ubo máń adiin anaa ntampaan ñubo pu.

Ki duu tii binib kòò ki pà-u. U nín ká animilee ní u

dá itampaan inàa ki máń adiin anaa anaa ntampaan kamaa pu. Adiin ñin u máńee kòkò kpáfì aja?

9. Ukpil cáá itampaan mmuñku nì ñubo kí nyafì.

Bidaliib biluli dómín bí yakatib itampaan mmuñku

nì ñubooe bí da. Udal kamaa làá ká itampaan ija?

Dibɔyil 2 - Ikaan nmanmabiti kí kíl 30 kí cáá saa 100 kàantam nì an nmatam.

$$29 + 1 = 30$$

30

mmun̄ku nì saalaa (*trente*)

$$29$$

31

$$+ \underline{1}$$

mmun̄ku nì saalaa nì ubo

$$= 30$$

32

mmun̄ku nì saalaa nì bili

$$10 + 10 + 10 = 30$$

33

mmun̄ku nì saalaa nì bita

$$10 \times 3 = 30$$

34

mmun̄ku nì saalaa nì binaa

$$30 + 1 = 31$$

35

mmun̄ku nì saalaa nì biɲmoo

$$30 + 2 = 32$$

36

mmun̄ku nì saalaa nì biluu

$$30 + 3 = 33$$

37

mmun̄ku nì saalaa nì biluli

$$30 + 4 = 34$$

38

mmun̄ku nì saalaa nì binii

39

mmun̄ku nì saalaa nì biwa

$$30 + 10 = 40 \quad \text{imun̄ku ili (*quarante*)}$$

$$40 \quad 41$$

40 + 10 = 50 ili nì saalaa (*cinquante*)

50 51

50 + 10 = 60 imun̄ku ita (*soixante*)

60 61

60 + 10 = 70 ita nì saalaa (*soixante-dix*)

70 71

70 + 10 = 80 imun̄ku inàa (*quatre-vingt*)

80 81

80 + 10 = 90 inàa nì saalaa (*quatre-vingt-dix*)

90 91

99 + 1 = 100 dilaataal / imun̄ku in̄moo (*cent*)

**Kuditataatiiu nee di
sá dilaataal diiku
(in̄àl ili).**

i	m	ŋ
1	0	0

Ditundi

i	m	η
	6	5
+	3	4
=	9	9

i	m	η
	8	0
+	2	0
=1	0	0

i	m	η
	3	6
+	4	3
=	7	9

70
+ 30
=

54
+ 23
=

90
+ 10
=

55
+ 32
=

35
+ 41
+ 12
=

20
+ 65
+ 4
=

20
+ 41
+ 34
=

34
+ 12
+ 3
=

100
- 100
=

89
- 61
=

94
- 73
=

79
- 25
=

65
- 42
=

84
- 31
=

49
- 32
=

97
- 43
=

Ditundi

1. Kààṅ 30 kí cáá saa 40 kí nin m̀̀ 2, 2.

30 _____ 40

2. Kààṅ 30 kí cáá saa 50 kí nin m̀̀ 5, 5.

30 _____ 50

3. Kààṅ 40 kí cáá saa 70 kí nin m̀̀ 5, 5.

40 _____ 70

4. Kààṅ 70 kí cáá saa 80 kí nin m̀̀ 2, 2.

70 _____ 80

5. Kààṅ 70 kí cáá saa 90 kí nin m̀̀ 5, 5.

70 _____ 90

6. Kààṅ 90 kí cáá saa 100 kí nin m̀̀ 2, 2.

90 _____ 100

7. Kààṅ 30 kí cáá saa 100 kí nin m̀̀ 5, 5.

30 _____
_____ 100

Kí kààh kí saa imun̄ku inàa:

$$\begin{aligned} 20 + 20 + 20 + 20 &= 80 \\ 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 &= 80 \end{aligned}$$

Kààh 10 kí cáá saa 100 kí nin m̀l 10, 10.

$$10 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 100$$

Kààh 20 kí cáá saa 100 kí nin m̀l 20, 20.

$$20 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 100$$

Ikaan ηman̄mabiti nee kul̄k̄o di sá kiwaai 54 àá 43 ?

Ikaan ηman̄mabiti nee kul̄k̄o di sá kukpaan̄nu

66 àá 76? _____

ηm̀à ikaan ηman̄mabiti nee kí kíl kiwaai kí cáá saa ukpaan taapu doo:

Ikaan ηman̄mabiti nee kul̄k̄o di sá kiwaai 98 àá 88 ?

Ikaan ηman̄mabiti nee kul̄k̄o di sá kukpaan̄nu

72 àá 64 ? _____

ηma ikaan ηman̄mabiti nee kí kíl kiwaai kí cáá saa ukpaan taapu doo:

Dibɔyil 3

Dikutil nì bikpaafikaab.

$$\begin{array}{r|l}
 \mathbf{m} & \mathbf{\eta} \\
 \hline
 + 1 & \\
 4 & 8 \\
 + 3 & 7 \\
 \hline
 = 8 & 5
 \end{array}$$

$$\begin{array}{r|l|l}
 \mathbf{i} & \mathbf{m} & \mathbf{\eta} \\
 \hline
 & + 1 & \\
 & 9 & 9 \\
 + & & 1 \\
 \hline
 = 1 & 0 & 0
 \end{array}$$

$$\begin{array}{r}
 65 \\
 + 35 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 57 \\
 + 27 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 25 \\
 + 38 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 84 \\
 + 16 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 50 \\
 + 40 \\
 + 10 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 30 \\
 + 45 \\
 + 5 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 10 \\
 + 44 \\
 + 38 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 29 \\
 + 35 \\
 + 22 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 17 \\
 + 79 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 44 \\
 + 27 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 49 \\
 + 39 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 75 \\
 + 19 \\
 \hline
 =
 \end{array}$$

Dicótil bɔti.

1. Isa-na nyáfi gaabubi imuŋku ili nì binii kutaafaau.
Kujooou nee u-nyáfi gaabubi mmuŋku nì saalaa nì biluli.
Dín nee u nyáfi gaabubi biŋa dee?

2. Udàkal dá tigban mmuŋku nì saalaa nì tiŋmoo ki tii
Jeeti, ní ki dá mmuŋku nì tiluu ki tii Daapu, ní ki dá
saaluku ki tii Kpaapu.

Bi-kansikin ŋma ní u dá tigban wiikí? _____

Bi-kansikin ŋma ní u dá tigban fiii? _____

Tigban tin u dá Jeeti nì Kpaapuee kpáfi tiŋa?

Tigban tiŋa ní u dá ki tii Jeeti nì Daapu?

Tigban tin u dá ki tii bitaatilee kpáfi tiŋa?

Dibàtil nì bikpaafikaab.

$$\begin{array}{r|l}
 1 & \\
 \cancel{2} & 16 \\
 \hline
 - & 1 \quad 9 \\
 \hline
 = & 7
 \end{array}$$

$$\begin{array}{r|l}
 2 & \\
 \cancel{3} & 15 \\
 \hline
 - & \quad 8 \\
 \hline
 = & 2 \quad 7
 \end{array}$$

$$\begin{array}{r}
 27 \\
 - 19 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 62 \\
 - 24 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 34 \\
 - 18 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 73 \\
 - 46 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 45 \\
 - 39 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 97 \\
 - 28 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 53 \\
 - 17 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 24 \\
 - 9 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 86 \\
 - 69 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 31 \\
 - 18 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 66 \\
 - 37 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 75 \\
 - 58 \\
 \hline
 =
 \end{array}$$

$$100 - 34 = 66$$

$$\begin{array}{r} 0 \quad 9 \\ \cancel{1} \cancel{0} \quad 10 \\ - \quad 3 \quad 4 \\ \hline = \quad 6 \quad 6 \end{array}$$

$$100 - 48 = 52$$

$$\begin{array}{r} 0 \quad 9 \\ \cancel{1} \cancel{0} \quad 10 \\ - \quad 4 \quad 8 \\ \hline = \quad 5 \quad 2 \end{array}$$

$$\begin{array}{r} 100 \\ - 84 \\ \hline = \end{array}$$

$$\begin{array}{r} 80 \\ - 9 \\ \hline = \end{array}$$

$$\begin{array}{r} 100 \\ - 53 \\ \hline = \end{array}$$

$$\begin{array}{r} 67 \\ - 49 \\ \hline = \end{array}$$

$$\begin{array}{r} 76 \\ - 18 \\ \hline = \end{array}$$

$$\begin{array}{r} 54 \\ - 29 \\ \hline = \end{array}$$

$$\begin{array}{r} 100 \\ - 53 \\ \hline = \end{array}$$

$$\begin{array}{r} 93 \\ - 65 \\ \hline = \end{array}$$

$$\begin{array}{r} 42 \\ - 27 \\ \hline = \end{array}$$

$$\begin{array}{r} 100 \\ - 27 \\ \hline = \end{array}$$

$$\begin{array}{r} 60 \\ - 15 \\ \hline = \end{array}$$

$$\begin{array}{r} 100 \\ - 69 \\ \hline = \end{array}$$

Dicótil bɔti.

1. M too Akoojin ita nì saalaa kikóonkpuŋkpuŋun ní ki du saaliku nì ata ki kpáafi kudiin kí nákan ukɔl. Akóojin aŋa di kíh m nyáfi kinyɔŋin?

M níń cá kinyɔŋee ní ajin awa líti ki wii. Ajin aŋa di kíh m nyáfi?

2. Mɔmɔdu cóon inunufisufi dilaataal, ní mmuŋku nì inii kpî. Inunufisufi iŋa di kíh-u?

3. Kusukuldii kubɔ poonee bibifiliib bí imuŋku iŋmoo ní. Ní saalaa nì binii duu fá kaa ti dòn. Ní bi pɔɔn bin kínee kɔkɔ. Bin kɔkɔ bi pɔɔnee nyán biŋa?

Bin kɔkɔ bi pɔɔnee saalaa nì binaa líti.
Mimmee biŋa di sá bin jínee?

Dibɔyil 4

Ikaan nmanmabiti kí kíl 100 kí cáá saa 1000.

Kí tétí 10 kí cáá saa 100.

$10 \times 1 = 10$

saalaa

10

$10 + 10 = 20$

$10 \times 2 = 20$

mmun̄ku

10 10

$10 + 10 + 10 = 30$

$10 \times 3 = 30$

mmun̄ku n̄i saalaa

10 10 10

$10 + 10 + 10 + 10 = 40$

$10 \times 4 = 40$

imun̄ku ili

10 10 10 10

$10 + 10 + 10 + 10 + 10 = 50$

$10 \times 5 = 50$

ili n̄i saalaa

10 10 10 10 10

$10 + 10 + 10 + 10 + 10 + 10 = 60$

$10 \times 6 = 60$

imun̄ku ita

10 10 10

10 10 10

$10 + 10 + 10 + 10 + 10 + 10 + 10 = 70$

$10 \times 7 = 70$

ita n̄i saalaa

10 10 10

10 10 10 10

$$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 80$$

$$10 \times 8 = \mathbf{80} \quad \text{imuṅku inaa} \quad \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \\ \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array}$$

$$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 90$$

$$10 \times 9 = \mathbf{90} \quad \text{inaa nì saalaa} \quad \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \\ \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array}$$

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

$$10 \times 10 = \mathbf{100} \quad \text{imuṅku iṅmoo} \quad \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \\ \begin{array}{|c|} \hline 100 \\ \hline \end{array} = \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array} \begin{array}{|c|} \hline 10 \\ \hline \end{array}$$

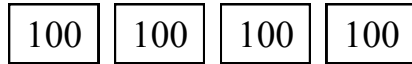
Ikaan ḡmaṅmabitit kí kíí 100 kí cáá saa 1000.

$$100 + 100 = 200 \quad \begin{array}{|c|} \hline 100 \\ \hline \end{array} \begin{array}{|c|} \hline 100 \\ \hline \end{array} \\ 100 \times 2 = \mathbf{200}$$

kulaafaau (*deux cents*)

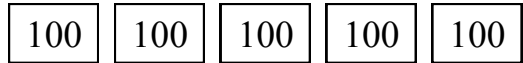
$$100 \times 3 = \mathbf{300} \\ \text{kulaafaau nì iṅmoo} \quad (\textit{trois cents}) \quad \begin{array}{|c|} \hline 100 \\ \hline \end{array} \begin{array}{|c|} \hline 100 \\ \hline \end{array} \begin{array}{|c|} \hline 100 \\ \hline \end{array}$$

$100 \times 4 = 400$



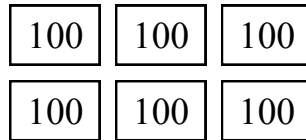
tilaafati tili (*quatre cents*)

$100 \times 5 = 500$



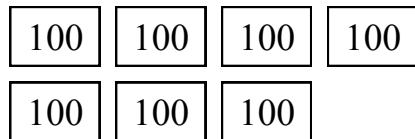
tili nì iḡmoo (*cinq cents*)

$100 \times 6 = 600$



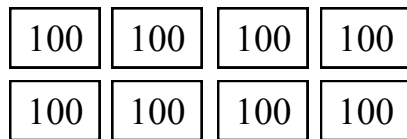
tilaafati tita (*six cents*)

$100 \times 7 = 700$



tita nì iḡmoo (*sept cents*)

$100 \times 8 = 800$



tilaafati tinaa (*huit cents*)

$100 \times 9 = 900$

100	100	100	100	100
-----	-----	-----	-----	-----

tinaa nì ñgmoo
(neuf cents)

100	100	100	100
-----	-----	-----	-----

$100 \times 10 = 1000$

100	100	100	100	100
-----	-----	-----	-----	-----

tilaafati tiŋmoo
(kutuku ubɔ) (mille)

100	100	100	100	100
-----	-----	-----	-----	-----

Kudinanaatiiu nee di sá
kutuku diiku. (iŋàl ita)

ita	ili	m	ŋ
1	0	0	0

Ditundi

Ŋmà ikaan ŋmaŋmabiti kí ŋééɓ abun nee:

ita	ili	m	ŋ	
	1	1	1	= 111
				= 25
				= 213
				= 6
				= 987
				= 1000

Dikutil nì dibàtil tundi

$$\begin{array}{r} 225 \\ - 148 \\ \hline = 77 \end{array}$$

$$\begin{array}{r} 425 \\ + 555 \\ \hline = 980 \end{array}$$

$$\begin{array}{r} 975 \\ - 248 \\ \hline = \end{array}$$

$$\begin{array}{r} 867 \\ + 96 \\ \hline = \end{array}$$

$$\begin{array}{r} 500 \\ + 500 \\ \hline = \end{array}$$

$$\begin{array}{r} 863 \\ - 687 \\ \hline = \end{array}$$

$$\begin{array}{r} 751 \\ + 189 \\ \hline = \end{array}$$

$$\begin{array}{r} 367 \\ + 245 \\ \hline = \end{array}$$

$$\begin{array}{r} 108 \\ - 59 \\ \hline = \end{array}$$

$$\begin{array}{r} 218 \\ + 689 \\ \hline = \end{array}$$

$$\begin{array}{r} 789 \\ - 290 \\ \hline = \end{array}$$

$$\begin{array}{r} 974 \\ - 609 \\ \hline = \end{array}$$

$$\begin{array}{r} 524 \\ + 199 \\ \hline = \end{array}$$

$$\begin{array}{r} 425 \\ - 139 \\ \hline = \end{array}$$

$$\begin{array}{r} 304 \\ - 148 \\ \hline = \end{array}$$

$$\begin{array}{r} 390 \\ + 610 \\ \hline = \end{array}$$

$$\begin{array}{r} 536 \\ - 358 \\ \hline = \end{array}$$

$$\begin{array}{r} 633 \\ + 297 \\ \hline = \end{array}$$

$$\begin{array}{r} 824 \\ - 625 \\ \hline = \end{array}$$

$$\begin{array}{r} 487 \\ + 388 \\ \hline = \end{array}$$

Dicótil bəti.

1. Adam cunnì imukul asambil tilaafati tili nì asambil saalaa (410) kinyɔŋ. Dibɔbilin niin niin ní u kpáàa nyáfi asambil imun̄ku ili nì aŋmoo (45). Ní kukufatikauee u gíti nyáfi imun̄ku inii nì saalaa nì aluu (176) ní ki nín kunnì mmɔŋki. Asambil ŋin u nyáfèe kpáfi aŋa?

Asambil aŋa di kíh̄n ú cáá kunnì mmɔŋki?

2. M-wee cáá faal wun poon bi nyáfi tisukulwane. Kinyɔŋ nín kílee u síh̄n tigban tilaafati tili (400) tin poon cáá tifaal imun̄ku ili nì tiniyee (48), nì tigban tilaafati tili nì ili nì saalaa (450) tin poon cáá tifaal imun̄ku iŋmooyee (100) nì tigban iluli nì saalaa (150) tin poon cáá tifaal kulaafauee (200).

Tigban tin u cáá u-faaliu poonee kpáfi tiŋa? Kinyɔŋ kuntitamee u nyáfi tigban kulaafaau nì ili nì saalaa nì tiŋmoo (255) tin poon cáá tifaal imun̄ku ili nì tiniyee (48), nì kulaafaau nì imun̄ku inii nì saalaa nì bili (372) tin poon cáá tifaal imun̄ku iŋmooyee (100) nì tigban imun̄ku ita nì tiŋmoo (65) tin poon cáá tifaal kulaafauee (200). Tigban nín bí tiba tiba puee kíh̄n tiŋa dee?

3. Ubɔti ubɔ bɔnti kɪ kààn binib u-tiŋgaŋkin. Bi kàan binib tilaafati tili nì imuŋku inii nì binaa (564), ŋwiiŋ níŋ nyeeŋ puee ŋgiil pú. Ní ki kàan ŋwiiŋ níŋ nyeeŋ puee ŋgan pú yab mun nyáŋ kulaafaau nì iluli nì saalaa nì biwa (359). Binib bin bi kàanee kpáfi biŋa?

4. Koofii cáá tikpuŋkpun tili tin poon u-kpaanyi kódyee. Kukpuŋkpunju kubɔ poonee, ikpaan sá imuŋku iluu nì saalaa nì inii (138), ní kun kínee poonee, kulaafaau nì ita nì saalaa nì inaa (274) di bí. Koofii kpaanyi kpáfi iŋa?

Uyooceetiŋmal poonee u nyáfi ikpaan ili nì saalaa nì iŋmoo (55), kɪ ŋma kɪ pà nsukulibiyaamu jaliŋ pu kɪ kpáàá da tigban. Ikpaan iŋa di kíŋ?

5. M-baa tuntí simiiti paakab u-looriu poon ki càn binib Kitimbiliyin. Kinyɔŋ kibee u tún paakaab ili nì saalaa (50) ki tii Koofii, ní ki tún imuŋku iluu nì saalaa nì biŋmoo (135) ki tii Laabooja, ki tún ita nì saalaa nì biŋmoo (75) ki tii Yaau, ní ki tún kulaafaau nì saalaa nì biŋmoo (215) ki tii Kɔɔsii. Paakab bin u tún kinyɔŋ poonee kpáfi biŋa?

Dibɔyil 5

Min ní bi dɛ̃ŋfi kí ñmànti tin bi cúlculee.



$\frac{1}{4}$ l



$\frac{1}{2}$ l



1 l

$$\frac{1}{4}l + \frac{1}{4}l = \frac{1}{2}l$$

$$\frac{1}{2}l + \frac{1}{2}l = 1 \text{ litre}$$

Kuɗmaɗmabiku “1” sá bi nín gùuti “liitir” ñmàtam puee ní. Dikpalibagindi sá liitir jandi ní, an dàkà yii dijandi. Min bi gíti ɗuɗn kí ñmà diliitir jandee sò $\frac{1}{2}$ l.

Dicótil bɔti.

1. Unyɔmpu ubɔ cáá ñkɓam nì ntúun liitirbi imuɗku iɗmoo (100). Unimpu ubɔ ɗáań tijin faalin ki nyáfí, ní ki dá-u ñkɓam liitirbi imuɗku ili nì biɗmoo (45). Ñkɓam liitirbi biɗa di làá kíń ntúun poon?

Ní binib bita biba mun dá-u ñkɓam liitirbi biɗmoo biɗmoo. Ñkɓam liitirbi biɗa di kintí?

Ñkɓam min kíń ntúun poonee ɗuɗn kí ñmànti aliitir jan aɗa?



2. Uninja ubo cáá jikpikpib bita. Jikpikpi kamaa taŋkiu fòol liitirbi saalaa. Mimmee liitirbi biŋa ní jikpikpib bitee fòol?

Jikpikpi ubo poonee liitirbi bita di dá láá ka. Ubo mun poonee liitirbi biŋmoo nì dijandi di ka. Ní wun kínee liitirbi binaa nì dijandi di ka. Kí ŋma kí gbéèñ jikpikpib taatilee liitirbi biŋa ní u làá da?

3. M-maan daa kalansim ki nìkì ki nyáfi u-dumpu. Ní u cáá kalansim aŋkɔlab bili, aŋkɔla kamaa poonee liitirb imuŋku iŋmoo (100) di ká. Ní ki cáá itúun saalaa. Ntúun kamaa cáá liitirbi biŋmoo biŋmoo. Kalansim liitirbi biŋa ní m-maan cááyée?

Uŋmal daa kpîyee ní u nyáfi liitirbi imuŋku iwa nì biwa (189). Liitirbi biŋa di kíñ-u?

Dibɔyil 6

Min ní bi ònfi kí cɔ́tí dibùtil an nì bikpaafikaabee.
Dibùtil teetitam.

$3 \times 6 =$

$7 \times 3 =$

$4 \times 5 =$

$4 \times 8 =$

$9 \times 9 =$

$6 \times 8 =$

$5 \times 9 =$

$8 \times 2 =$

$3 \times 9 =$

x	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81

Púntí kí ñmà ikaan ñmañmabiti tin máaà kí níń bí dooyee.

$3 \times \underline{\quad} = 24$

$4 \times \underline{\quad} = 8$

$6 \times \underline{\quad} = 54$

$5 \times \underline{\quad} = 45$

$8 \times \underline{\quad} = 48$

$10 \times \underline{\quad} = 30$

$9 \times \underline{\quad} = 81$

$7 \times \underline{\quad} = 21$

$9 \times \underline{\quad} = 63$

$6 \times \underline{\quad} = 12$

$2 \times \underline{\quad} = 10$

$8 \times \underline{\quad} = 32$

Ñmà ikaan ñmañmabiti nee kí nin gbeentí mpon kamaa puee wun bi duu kílee diba diba pu ki cá.

$3 \quad \underline{6} \quad \underline{9} \quad \underline{12} \quad \underline{15} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 30$

$4 \quad \underline{8} \quad \underline{12} \quad \underline{16} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 40$

$5 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 50$

$6 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 60$

$7 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 70$

$8 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 80$

$9 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad 90$

Ditundi din cáá bikpaafikaabee.

$$\begin{array}{r} 1 \\ 15 \\ \underline{\times 2} \\ = 30 \end{array}$$

$$\begin{array}{r} 2 \\ 36 \\ \underline{\times 4} \\ = 144 \end{array}$$

$$\begin{array}{r} 31 \\ 162 \\ \underline{\times 5} \\ = 810 \end{array}$$

$$\begin{array}{r} 33 \\ 178 \\ \underline{\times 4} \\ = 712 \end{array}$$

$$\begin{array}{r} 34 \\ \underline{\times 9} \\ = \end{array}$$

$$\begin{array}{r} 63 \\ \underline{\times 4} \\ = \end{array}$$

$$\begin{array}{r} 78 \\ \underline{\times 2} \\ = \end{array}$$

$$\begin{array}{r} 326 \\ \underline{\times 3} \\ = \end{array}$$

$$\begin{array}{r} 134 \\ \underline{\times 7} \\ = \end{array}$$

$$\begin{array}{r} 74 \\ \underline{\times 8} \\ = \end{array}$$

$$\begin{array}{r} 158 \\ \underline{\times 6} \\ = \end{array}$$

$$\begin{array}{r} 92 \\ \underline{\times 9} \\ = \end{array}$$

$$\begin{array}{r} 198 \\ \underline{\times 4} \\ = \end{array}$$

$$\begin{array}{r} 124 \\ \underline{\times 7} \\ = \end{array}$$

$$\begin{array}{r} 55 \\ \underline{\times 9} \\ = \end{array}$$

$$\begin{array}{r} 89 \\ \underline{\times 8} \\ = \end{array}$$

$$\begin{array}{r} 100 \\ \underline{\times 7} \\ = \end{array}$$

$$\begin{array}{r} 45 \\ \underline{\times 8} \\ = \end{array}$$

$$\begin{array}{r} 97 \\ \underline{\times 6} \\ = \end{array}$$

$$\begin{array}{r} 475 \\ \underline{\times 2} \\ = \end{array}$$

Kí b̀tì nì ikaan ñmaṅmabiti tin sá ñṅàl mb̀e.

$$\begin{array}{r|l|l}
 & 1 & \\
 & 6 & 5 \\
 \times & 1 & 2 \\
 \hline
 1 & 3 & 0 \\
 + 6 & 5 & \\
 \hline
 7 & 8 & 0
 \end{array}$$

$$\begin{array}{r|l|l}
 1 & \cancel{2} & \\
 & 1 & 6 \\
 \times & 3 & 4 \\
 \hline
 & 6 & 4 \\
 +^{14} & 8 & \\
 \hline
 5 & 4 & 4
 \end{array}$$

$$\begin{array}{r|l|l}
 & 1 & \\
 & 3 & 6 \\
 \times & 2 & 0 \\
 \hline
 & 0 & 0 \\
 + 7 & 2 & \\
 \hline
 7 & 2 & 0
 \end{array}$$

$$\begin{array}{r}
 36 \\
 \times 23 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 18 \\
 \times 22 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 44 \\
 \times 19 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 25 \\
 \times 33 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 27 \\
 \times 12 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 83 \\
 \times 10 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 76 \\
 \times 12 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 15 \\
 \times 52 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 19 \\
 \times 49 \\
 \hline
 \end{array}$$

$$\begin{array}{r} 54 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times 14 \\ \hline \end{array}$$

Dicótil bɔti.

1. Ɔwiin kamaayee m péé cá ɲkpin ní kí lúnní nnyim cansib bili bili. Dibindi poonee iwiin sá kulaafaau nì imuɲku inii nì iɲmoo (365) di bí. Mimmee nnyim cansib biɲa ní m lúù dibindi poon?

2. M cáá tigban mmuɲku nì tiluli ki là bí gíin kí ɲmà mìn masiin pu. Kugbɔɲu kamaa cáá tifaal saalku nì tili. Mimmee kɔkɔ làa kpafi tiɲa?

3. Unaacimpɔɲkpaal ubɔ bíi coontí ibafi mmuɲku nì inaa ɲwiin kamaa. Kí cáá saa iwiin saalaa nì ilee iɲa ní u ɲuñ kí cóón?

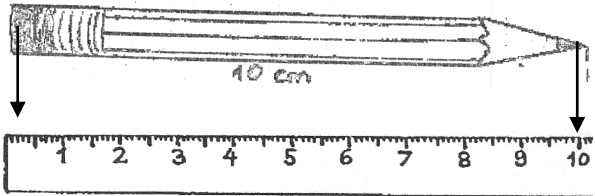
4. Ukpaal ubo yíín binimpoobi yii bí daá kòtì-u iyoo kpaabu. Unimpu kamaa ñúń ki kòtì ñkpaacamu muli kpá mmuᅅku. Ní kikpaacaᅅ kiba cáá adan aluu. Mimmee unimpu kamaa ñúń ki kòtì adan aᅅa aᅅa dee?

Binimpoobi binii di kòtì-u iyoo. Binimpoobee kòkò kòtì adan aᅅa dee?

5. M-wee cáá bununufikpaa. Bukpaayee poonee inunufisufi mmuᅅku nì iluli di bí. An yaa sá yii busub bubò lònò nufib mmuᅅku nì biᅅmooyee. Mimmee nufib biᅅa ní i ᅅuᅅ kí lònò?

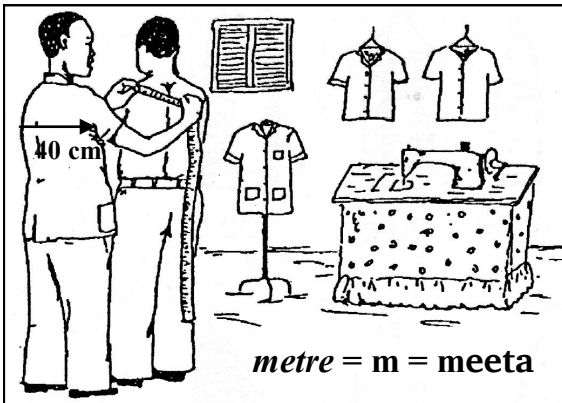
6. Isòᅅfa cá kí tòó ijòmpiin. Ñwiin nee u cútí ijòm mmuᅅku nì iluli ní. U yaa tó ijòmpiin iwiin saalaa nì itee ijòm iᅅa ní u ᅅuᅅ kí cúú?

Dibɔyil 7 - Min ní bi ðiŋfi kí ñmànti mpuun nì ñwaanee.

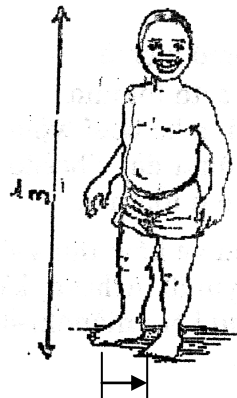


$cm\ 10 \times 2 = cm\ 20$

centimetre = cm = santimeeti



metre = m = meeta



cm 20

$cm\ 20 \times 5 = cm\ 100 = m\ 1$
 $cm\ 100 \times 10 = cm\ 1000 = m\ 10$

$m\ 10 \times 10 = m\ 100$
 $m\ 100 \times 10 = m\ 1000 = km\ 1$

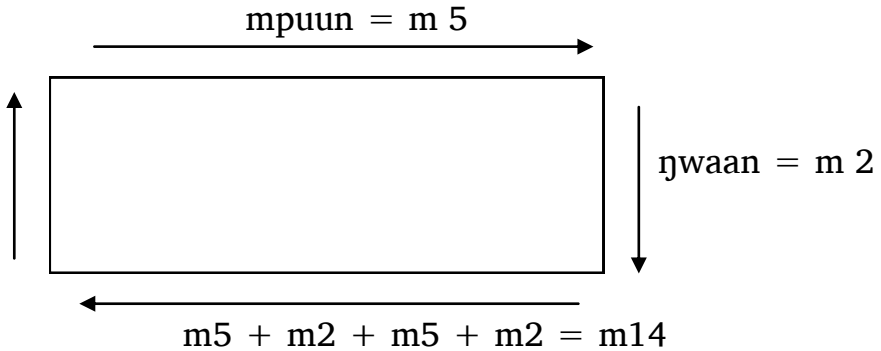


kilometre = km = atanjkee

Karaa km 420 Luma



Le rectangle = An sá dakaá ní ki cáá ajan anaa, mpuun bí mili pu ní ηwaan mun bí mili pu.

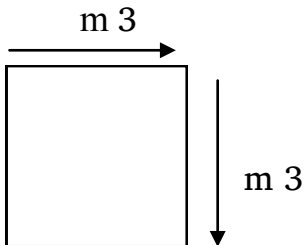


Le périmètre = Ajan naatil ní n káfí puee.

Ti tí ηuèn ki duú b̀̀ti:

$$\left. \begin{array}{l} (\text{mpuun}) 2 \times m5 = m10 \\ + (\eta\text{waan}) 2 \times m2 = m4 \end{array} \right\} = m14$$

Le carré = An sá dakaá ní ki cáá ajan anaa ní ajan naatilee ηmà t̀̀b pu.



Le périmètre = Ajan naatil ní n káfí puee.

$$m3 + m3 + m3 + m3 = m12$$

Ti tí ηuèn ki duú b̀̀ti: $4 \times m3 = m12$

Dicótil bəti.

1. Bikumpu biki cáá abin anii. Dəkwəta poonee, dəkwəta ŋmantì kibiki fəkwəŋu. Ní ki ŋmàn kigbambiki poon santimeetib inaa nì saalaa. Kí ŋma kí bà meeta ubə nì santimeetib immuŋku itee, kibiki gíti máaŋ kí wíiŋ santimeetib biŋa?

2. Taakisii ubə yíkì Kootoonuu ki cá Paaraaku. Kootoonuu nì Paaraaku dandatiŋu sá ataŋkpee 337 ní. Ní u ŋàal ki bàŋ ataŋkpee 179, ní loor bíil. Mimmee an kíŋ-u ataŋkpee aŋa ní ú bà Paaraaku?

3. Unimpu nyəmpu ubə còm ki cá kinyəŋ, dicul nì digitindee u còm ataŋkpee saalaa nì anaa ní. Ní uŋmal poonee u cá kinyəŋ iwiin mmuŋku nì ŋubə. Mimmee uŋmal ubə poonee ataŋkpee aŋa ní u còm?

Kí cáá saa iŋmal itee, u làá còm ataŋkpee aŋa?

4. Ní yòn kidɔŋmantikaai kin ka kugbɔŋu poonee kí ñmànti tiwan tin ñmàn taapuee. Kí ñmà an-wanti kɔkɔ.

Ñmànti a-ŋal mbɔ = cm _____

A-ñmàmɔɔŋu = cm _____

A-taal = cm _____

Ñmànti teebil àá dijál din pu a ka kusukuldiinee mpuun pu nì ñwaan pu.

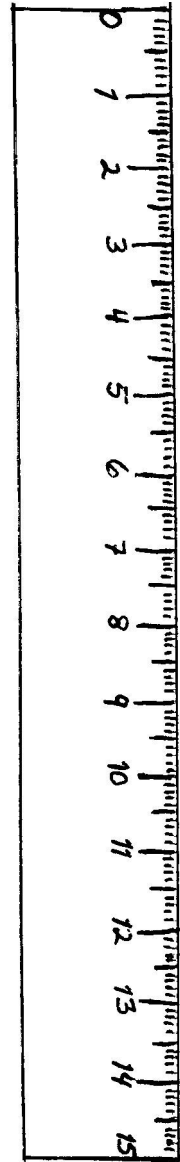
Mpuun cáá cm _____

Ñwaan cáá cm _____

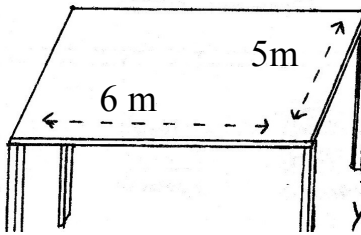
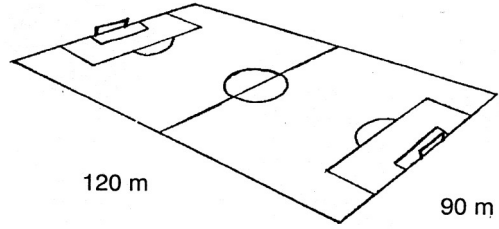
Teebil àá dijalee jaŋŋi naatil sá mana?

5. Santimeetib biŋa di bí meetab bita nì dijandi poon?

6. Ditaŋkpajandi diba poonee meetab biŋa di bí?



7. Á c'otí dib'oolgbánaapaal. Á c'otí mpeepeekaamee nì dikutil, nliitiimee dibùtil mun poon.



8. Ní c'otí teebil nee kí ñmànti kí tuee cáá meetab biya? Á c'otí mpeepeeme nì dikutil poon, nliitiimee dibùtil poon.

9. Bí làá gúb dicindi din cáá mpuun mili pu nì ñwaan mili puee. Ní ñwaan ñubo cáá meetab 18 ní mpuun pu sá meetab 24. Bí yaa làá gúb dicindi gbantee bi làá da tikubakakaal meetab biya ní an bà? C'otí mpeepeekaamee nì dikutil poon, nliitiimee nì dibùtil poon.

Dibɔyil 8

Diteetil

Ditundi

$$\begin{array}{r} 231 \\ - 147 \\ \hline \end{array}$$

=

$$\begin{array}{r} 463 \\ - 278 \\ \hline \end{array}$$

=

$$\begin{array}{r} 724 \\ - 529 \\ \hline \end{array}$$

=

$$\begin{array}{r} 1000 \\ - 356 \\ \hline \end{array}$$

=

$$\begin{array}{r} 389 \\ + 473 \\ \hline \end{array}$$

=

$$\begin{array}{r} 842 \\ + 79 \\ \hline \end{array}$$

=

$$\begin{array}{r} 646 \\ + 354 \\ \hline \end{array}$$

=

$$\begin{array}{r} 592 \\ + 178 \\ \hline \end{array}$$

=

$$\begin{array}{r} 95 \\ \times 8 \\ \hline \end{array}$$

=

$$\begin{array}{r} 276 \\ \times 3 \\ \hline \end{array}$$

=

$$\begin{array}{r} 124 \\ \times 8 \\ \hline \end{array}$$

=

$$\begin{array}{r} 23 \\ \times 19 \\ \hline \end{array}$$

=

$$\begin{array}{r} 47 \\ \times 15 \\ \hline \end{array}$$

=

$$\begin{array}{r} 64 \\ \times 14 \\ \hline \end{array}$$

=

$$\begin{array}{r} 83 \\ \times 12 \\ \hline \end{array}$$

=

$$\begin{array}{r} 39 \\ \times 24 \\ \hline \end{array}$$

=

Dicótil bɔti.

1. M-maan kòò Seefiye, ní ki tuè ditundi Luma. Seefiye nì Luma dandatiŋu sá atɔkpee mmuŋku nì saalaa nì aŋmoo ní. U cáá jikpikpi. Mimmee ŋwiinee dicul nì digitindee, u làá còom atɔkpee aŋa?

U tuè ditundi iwiin iŋmoo ní kinyɔŋ poon. Mimmee kinyɔŋ poonee atɔkpee aŋa ní u cáá kí còom?

2. Kapinta ubɔ dá taaboobi 165. Taaboo kamaa fɔkò meetab bili. Taaboobe kɔkɔ fɔkɔŋŋu làá kpafi meetab biŋa?

3. Kpaliba wun poon nninsaalnyim kee, cáá liitir ubɔ nì dijandi ní. Dakaa ubɔ poonee kpalibabi saalaa nì bili di ka. Dakaa poon nee liitirbi biŋa ní an kpáfi?

Faal poonee bi yaa cáá dakaa biluuyee. Mimmee kpalibabi biŋa ní an làá kpafi?

Ní dakaabi biluuyee làá nya liitirbi biŋa?

Dibɔyil 9

**Min ní bi dìnfi kí cɔtí diyakatil nì bikpaafikaab,
tíba n̄ taa kínee.**

Tí tétí diyakatil din sá sàkomiyye kí wàati.

$3 : 1 =$

$45 : 9 =$

$18 : 3 =$

$7 : 1 =$

$24 : 6 =$

$63 : 9 =$

$4 : 2 =$

$35 : 5 =$

$8 : 4 =$

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

$$\begin{array}{r|l} 32 & 8 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 63 & 9 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 10 & 5 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 40 & 8 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 81 & 9 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 72 & 8 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 36 & 4 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 12 & 3 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 20 & 4 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 49 & 7 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 54 & 6 \\ \hline & \end{array}$$

Diyakatil nì bikpaafikaab.

$$\begin{array}{r|l} 60 & 5 \\ \hline -5 & 12 \\ \hline 10 & \\ -10 & \\ \hline 0 & \end{array}$$

$$\begin{array}{r|l} 136 & 4 \\ \hline -12 & 34 \\ \hline 16 & \\ -16 & \\ \hline 0 & \end{array}$$

$$\begin{array}{r|l} 214 & 2 \\ \hline -2 & 107 \\ \hline 014 & \\ -14 & \\ \hline 0 & \end{array}$$

$$\begin{array}{r|l} 36 & 3 \\ \hline & \\ & \end{array}$$

$$\begin{array}{r|l} 72 & 3 \\ \hline & \\ & \end{array}$$

$$\begin{array}{r|l} 540 & 5 \\ \hline & \\ & \end{array}$$

$$\begin{array}{r|l} 612 & 2 \\ \hline & \\ & \end{array}$$

$$\begin{array}{r|l} 765 & 9 \\ \hline & \\ & \end{array}$$

$$\begin{array}{r|l} 921 & 3 \\ \hline & \\ & \end{array}$$

$$\begin{array}{r|l} 9 & 5 \\ \hline & \end{array}$$

$$\begin{array}{r|l} 2 & 9 \\ \hline & 6 \\ & 4 \end{array}$$

$$\begin{array}{r|l} 3 & 1 \\ \hline & 2 \\ & 3 \end{array}$$

$$\begin{array}{r|l} 5 & 5 \\ \hline & 8 \\ & 6 \end{array}$$

$$\begin{array}{r|l} 3 & 2 \\ \hline & 9 \\ & 7 \end{array}$$

$$\begin{array}{r|l} 8 & 7 \\ \hline & 2 \\ & 8 \end{array}$$

$$\begin{array}{r|l} 4 & 9 \\ \hline & 6 \\ & 8 \end{array}$$

$$\begin{array}{r|l} 9 & 8 \\ \hline & 4 \\ & 3 \end{array}$$

$$\begin{array}{r|l} 2 & 8 \\ \hline & 8 \\ & 9 \end{array}$$

$$\begin{array}{r|l} 6 & 0 \\ \hline & 5 \\ & 11 \end{array}$$

$$\begin{array}{r|l} 2 & 1 \\ \hline & 5 \\ & 5 \end{array}$$

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

Dicótil bɔti.

1. Musa cáá ijɔm 249 ní ki làá duú yakati bidaliib bita an nin ηmà. Udal kamaa làá ká iɲa?

2. Binimpoob nyɔɔpeeɲu dá nunufib tilɔti tinaa. Ní kuloou kamaa poonee nunufib 210 di ka. Binimpoob nyɔɔpeeɲuee cáá nunufib biɲa dee?

Binimpoob mmuɲku di bí nnyɔɔpeeyee poon. Ní bi yakati nunufibee an ηmà dee dee, báà ηma í cùnɲi u-dumpu kí nyafi. Unimpu kamaa làá foo nunufib biɲa?

Unimpu kamaa yaa du u-yab ki páan akpuku aluli alulee. Dikpukul kamaa làá nin cáá nunufib biɲa?

3. Uwaṅkpaal ubo mán tikpuṅkpun tiluu kí kón u-kpakpafiibi. Kukpuṅkpuru kamaa poonee kpakpafiibi inaa nì saalaa nì bili di bí. Mimmee kpakpafiibi biṅa ní an kpáfi?

U cúú kpakpafiib 120 ki nyafi. Mimmee kpakpafiibi biṅa di làá kíń tikpuṅkpun poon?

Kpakpafiibi bin kínee u cúú-bi ki yakatì dee dee, ki ṅá tikpuṅkpun tiluuee poon. Mimmee kukpuṅkpuru kamaa làá nin cáá kpakpafiibi biṅa biṅa?

4. Ukpaal ubo là kí cóoń iyabaasufi 248 mín puee ní u cáti adan anii. Mimmee didandi kamaa làá foo iyabaasufi iṅa iṅa?

5. Unaati ubo cáá cansi un kòdò nnyim liitirbi mmun̄ku n̄i biṅmooyee. An bàlfi yii ú lúń nnyim cansib biṅmoo ní kí nín ḡma kí gbéèṅ ankɔla ubo. Ní kí nín ḡma kí nin cáá nnyim kí kpèè u-dicaṅku. Mimmee ankɔla ubo fòol nnyim liitirbi biṅa?

Kinyɔṅ kiba poonee (iwiin 7 di bí). Nnyim liitirbi biṅa ní kudicaṅuee cáa tuṅ ditundi kinyɔṅ poon?

6. Á yikì Karaa kí cù Luma kí fàtí gítíínee ataṅkpee 840 ní an sá. Mimmee kí yikì Karaa kí cù Lumee ataṅkpee aṅa ní a làá còom?

An yaa sá yii loor sán kukuluu kubɔ poon ataṅkpee ita n̄i saalaayee, mimmee bi làá du tikúti tiṅa ní kí bà Luma?

Dibɔyil 10

Ikaan ŋmanmabiti dikaandi nì diŋmal kí kí
1.000 kí cáá saa 100.000

1 0 0	1 000	1000	1.000
x 1 0	5 000	5000	5.000
0 0 0			
+ 1 0 0	10 000	10000	10.000
= 1 0 0 0	100 000	100000	100.000

$$100 \times 10 = 1.000 \text{ kutuku}$$

$$1.000 \times 10 = 10.000 \text{ kutukub saalaa}$$

$$2.000 \times 10 = 20.000 \text{ kutukub mmuŋku}$$

$$3.000 \times 10 = 30.000 \text{ kutukub mmuŋku nì saalaa}$$

$$4.000 \times 10 = 40.000 \text{ kutukub imuŋku ili}$$

$$5.000 \times 10 = 50.000 \text{ kutukub ili nì saalaa}$$

$$6.000 \times 10 = 60.000 \text{ kutukub imuŋku ita}$$

$$7.000 \times 10 = 70.000 \text{ kutukub ita nì saalaa}$$

$$8.000 \times 10 = 80.000 \text{ kutukub imuŋku inaa}$$

$$9.000 \times 10 = 90.000 \text{ kutukub inaa nì saalaa}$$

$$10.000 \times 10 = 100.000 \text{ kutukub imuŋku iŋmoo}$$

Ditundi: Dikutil nì dibàtil

$$\begin{array}{r}
 1 \quad 1 \\
 8749 \\
 + 4926 \\
 \hline
 = 13.675
 \end{array}$$

$$\begin{array}{r}
 7 \ 16 \ 11 \ 13 \ 1 \\
 \del{87.240} \\
 - \del{49.262} \\
 \hline
 = 37.978
 \end{array}$$

$$\begin{array}{r}
 9194 \\
 + 1573 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 4567 \\
 + 2567 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 3290 \\
 + 6999 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 9091 \\
 - 4574 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 2500 \\
 - 1987 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 3290 \\
 - 2999 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 37.992 \\
 + 58.379 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 63.205 \\
 + 9.849 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 58.472 \\
 - 29.396 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 83.549 \\
 - 43.956 \\
 \hline
 =
 \end{array}$$

Dicótil bɔti.

1. Bi màl m-baa 1969 poon ní, ní ki màl m-na 1973 poon. M-baa cáá m-na 1998 poon ní. Mimmee m-baa nìn cáá abin aṅa ní ki cáá m-na?

Ní m-na wún nìn cáá abin aṅa ní ki mɔ̀n m-baa?

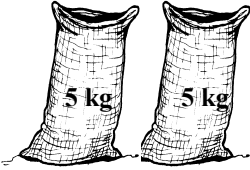
2. Dikàandi din bi nìn kàan binib dibindi 1981 poonee tùkù-ti yii Baasaar tiṅki nìn cáá binib 17.867 ní. Ama dibindi 2005 poonee, bi màka yii binib ṅuṅ kí bà 61.845. Mimmee binib níń gbéèṅ puee sá mana?

3. M-maan tuṅ ditundi nnyɔɔpee ṅubɔ poon ní, bi kù atùun kusakpaṅṅu. Kusaauee mpuun pú sá meetab 565 ní ṅwaan pú sá meetab 289. Cɔ́tí kí màntiitu kusaauee an làá nya meetab biṅa?

Dibɔyil 11

Min ní bi ònfi kí òmànti nnyínfee.

1 kg = 1 *kilogramme* = kiiloogram 1



sinƙafa kiiloo 10 =



gulifa kiiloo 10 →



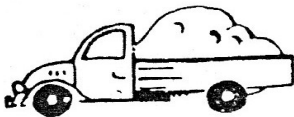
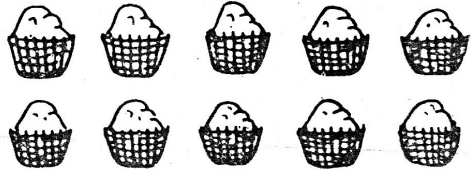
kugulifakabiku 1

= kg 10



tigulifakabiti 10

= kg 100



1 *tonne* =




tɔnni 1



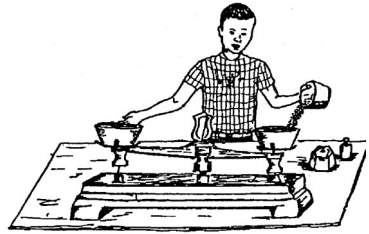
100 kg x 10 = kiiloo 1000





1000 kg = tɔnni 1

Atuun ali nee poonee, ní cǎtí gulifa nyinfinju kiilogram poon.

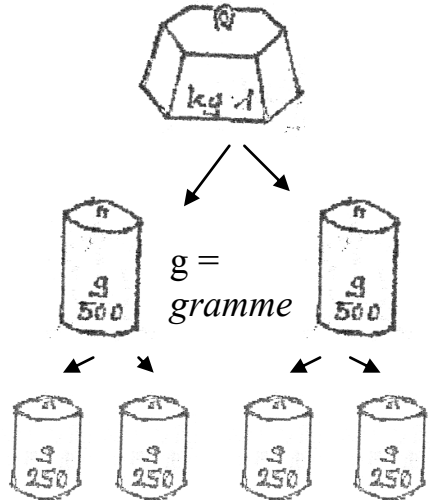
		
2	5	7
+ 1	8	9
=		

kg

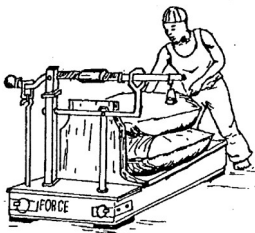
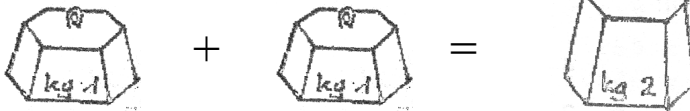


			
2	3	0	0
- 1	8	2	5
=			

kg



$500 \text{ g} \times 2 = 1000 \text{ g} = 1 \text{ kg}$
 $250 \text{ g} \times 2 = 500 \text{ g}$
 $250 \text{ g} \times 4 = 1000 \text{ g} = 1 \text{ kg}$



$1 \text{ kg} \times 2 = 2 \text{ kg}$
 $1000 \text{ kg} = 1 \text{ tǎnni (tonne)}$
 $1000 \text{ kg} + 1000 \text{ kg} = 2000 \text{ kg}$
 $2000 \text{ kg} = 2 \text{ tǎnni (tonnes)}$

Dicótil bɔti.

1. Uɲmal ubɔ poonee siŋkafa kiiloo mmuɲku nì biɲmoo ní m-dicaŋku jiɲ. M-baa pú-mi siŋkafa kiiloo saaliku nì ubɔ. Mimmee siŋkafa kiiloogram biɲa di kíɲ-mi r̄n da kí kutì uɲmal nee pu kí tii m-dicaŋku?

Mimmee kiiloogram biɲa ní m máaɲ kí nin cáá dibindi poon?

2. M-nabiyaamu bii ɲáŋkí kudii. Udimal du simiiti tilɔti tiluu ní ki ɲáŋkì. Simiiti kuloou kubɔ nyiɲfiɲu sá kiiloob ili nì saalaa. Simiitee kɔkɔ nyiɲfiɲu làá kpafi kiiloogram biɲa?

3. Kitiɲ kiba poonee ntiɲgbamu sá munii ní. Ntiɲgbamu muta poonee bi tátí gulifa tɔnni binaa nì dijandi dijandi, ní muta mun poonee bi tátì tɔnni bita bita. Ntiɲgbamu muli mun kíɲee tátì tɔnni bili nì dijandi dijandi. Kitiɲ gbanti poonee bi tátì gulifa tɔnni biɲa dee?

4. Alii tuñ ditundi nì bikpaab nyɔɔpeeru ŋun sá binib mmun̄ku ki kù soojaayee. Bikpaabee kansikin biŋmoo ŋún ki ká sojaa kiilooob 450 unil unil. Ní biluli mun ká kiilooob 325 unil unil ní binii bin kíñee ká kiilooob 275 unil unil. Mimmee sojaa kiiloogramb biŋa ní kɔkɔ làá kpafi?

5. Amiinuu kùn tisati tita tiba tiba. Kusaa kamaa poonee u ká italandi kiilooob 240. Mimmee italandi kiiloogramb biŋa ní kɔkɔ kpáfi?

Mimmee Amiinuu yaa nyáfi kiilooob 450. In kíñ-uee làá nin sá kiiloogramb biŋa?

U yaa du italandi kiilooob 450 ki nyáfiñ binimpoob yaanikib bita an ŋmà dee deeyee, unimpu kamaa làá ká kiiloogramb biŋa biŋa?

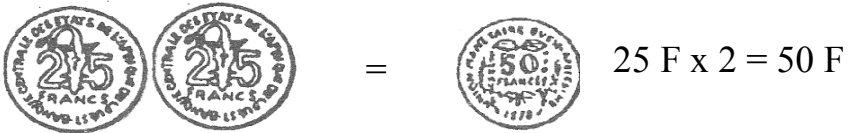
Dibɔyil 12 - Min ní bi dìnfi kí cótí kunimiṅmiuee.



$$5 \text{ F} \times 5 = 25 \text{ F}$$



$$10 \text{ F} \times 5 = 50 \text{ F}$$

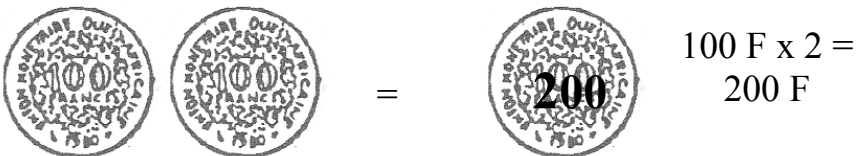


$$25 \text{ F} \times 2 = 50 \text{ F}$$

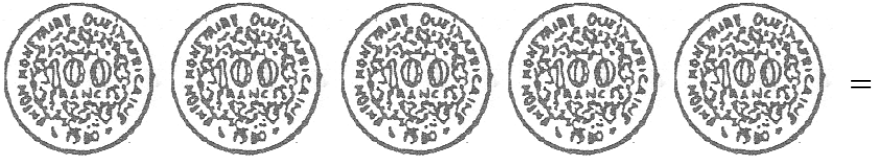


$$50 \text{ F} \times 2 = 100 \text{ F}$$

$$50 \text{ F} \times 4 = 200 \text{ F}$$



$$100 \text{ F} \times 2 = 200 \text{ F}$$



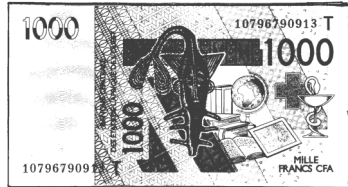
$$100 + 100 + 100 + 100 + 100 = 500 \text{ F}$$



$$500 \text{ F} + 500 \text{ F} = 1000 \text{ F}$$



=



$$1000 \text{ F} \times 5 = 5000 \text{ F}$$



$$5000 \text{ F} \times 2 = 10.000 \text{ F}$$



Min ní dìnfi kí cótí ñgbambiyaamu mun dàkà yii a pànee nì a nín jíń puee.

M ká igboo 5000 ní ki du igboo 3000 ki pàn kudii pu.
Mana di kíń-mi?

M yooń animilee ki cutì kinyọ, ní ki du igboo 850 ki dá sińkafa. Mana di kíń-mi?



Min boonee m dá tikun igboo 225.
Animil mana di kíń-mi?

M cá faal ubọ poon kí da : (igboo = F - franc)

$$\begin{array}{rcl} \text{fɔfɔ 1} & \rightarrow & \text{F 225} \\ \text{toomaati kọńkọń 1} & \rightarrow & + \text{F 75} \\ \text{candir paaka 1} & \rightarrow & + \text{F 425} \\ & & \hline \text{Mana ní m làá ji faalee poon?} & = & \end{array}$$

M nín dá tiwan kọkọ ki fatì kùń mmọńkee animil mana di kíń-mi?

Ditundi : ηgbambiyaamu mun dākà yii a pànee.


Kunyɔnyafidii kubɔ poonee m dá anyɔbil ata, kpèè an daaku sèé.

M níń máàn ki pà puee sá igbo 3015.


Ní m du igboo 5000 ki tii.

M foo canji igboo 1985.

Dākà jitɔmbi àá tinimifaal tin bi ηun kí tii-mi canjee.

Pharmacie Espoir	
24 / 03 / 2010	
	620 F
	870 F
	<u>1525 F</u>
	3015 F
Espèce	5000 F
Rendu	1985 F
MERCI	

Nyààb animal ηin máàn ú pèè nì canji wun u máàn kí fooyee ηgbambiyaamu mun dākà yii u pàn nee poon.

Pharmacie	
Boulevard	
15 / 05 / 2010	
	2350 F
	725 F
	<u>5450 F</u>
	F
Espèce	10.000 F
Rendu	F
MERCI	

Boutique	
21 / 02 / 2010	
radio	3250 F
credit tel.	1000 F
2cassettes	750 F
lampe(pils)	<u>4125 F</u>
	F
Espèce	10.000 F
Rendu	F
MERCI	

Librairie	
12 / 08 / 2010	
5 cahiers	625 F
2 bics	200 F
2 crayons	100 F
1 rame	<u>2500 F</u>
	F
Espèce	5.000 F
Rendu	F
MERCI	

Dicótil bɔti.

1. M-nabiki dá ceecee ubɔ animal igboo 42.000 nì laatriki paapaau igboo 14.500 kí síín u-diikun. U dá u-nimpuu bisatapɔmbi igboo 9000. Animil njin u jínee kpáfí mana?

2. An yaa sá yii wun njaan tijn faal poonee yaa daa siŋkafa saakib bili bin nyinfinu sá kiiloobi 50 yee unmal ubɔ poone, saaki kamaa daaku yaa sá igboo 23.500 yee. Unmal ubɔ poonee, siŋkafa nimiliŋ làá nya mana?

Wun nyáfí tijn faalinee yaa nyáfí siŋkafa asambil awa ní diba yaa sá nì tikun fam igboo 500. Ní ki yaa nyáfí siŋkafa asambil aluli ní diba yaa sá nì tikun nì tinan igboo 1000. U yaa nyáfí siŋkafa asambil anmoo ní diba yaa sá nì tikun nì ukpaan nanti igboo 1500 yee. Mana ní u nyáfí nwiin gbanti?

3. Udimal ubo máń ndiwaamu muta kitimbiliyin ki duu tii bi kóò ki pà-u igboo 1500 kudii kamaa pu. Uḡmal uboee, adiin atee puee mana ní u kantí?

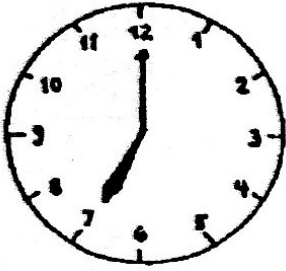
Dibindi diba poonee mana ní u làá ká?

Udimabaanti gbantee gíti máń adiin ali an nì tigotuuli nì apɔmidiin ki tiḡin. Ní ki cúú ḡḡmi nì nnyim ki kón. Bin kóòyee pà-u kudii kubɔ pu igboo 4000. Adiin ali puee mana ní u kantí uḡmal ubo poon?

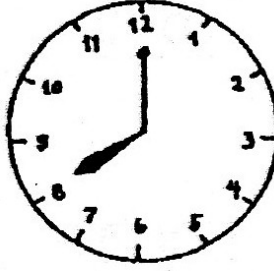
Dibindi poonee, kitiḡin diiḡḡee puee u kantí mana?

Dibɔyil 13

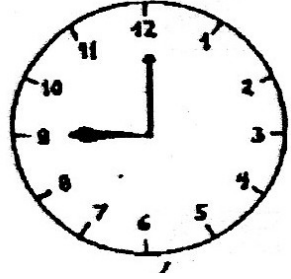
Min ní bi ònfi kí òmànti kukúluuee.
Kàaṅ kukúluu.



7 h / 19 h



8 h / 20 h

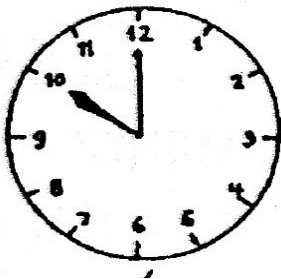


9 h / 21 h

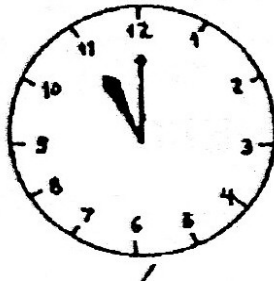
h = *heure* = kukúluu

1 h = 1 *heure* = 60 *minutes* = 60 miitib

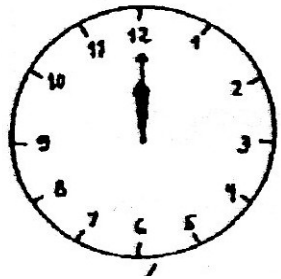
kukúluu 1 = 60 miitib



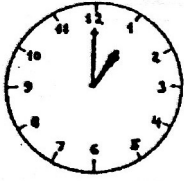
10 h / 22 h



11 h / 22 h



12 h / 24 h



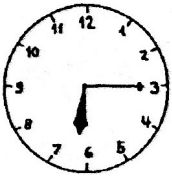
1 h / 13 h



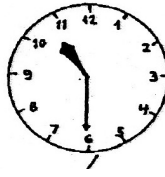
13 h 50



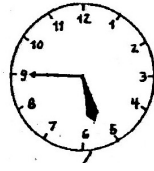
2 h 50



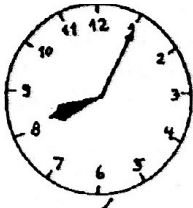
6 h 15 / 18 h 15



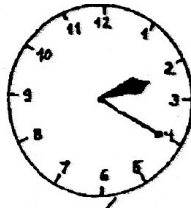
10 h 30 / 22 h 30



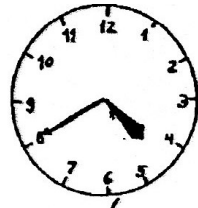
5 h 45 / 17 h 45



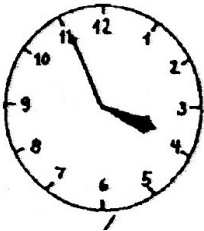
8 h 5 / 20 h 5



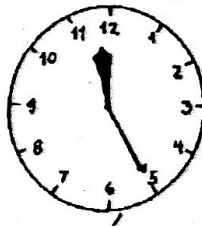
2 h 20 / 14 h 20



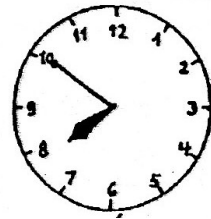
4 h 40 / 16 h 40



3 h 55 / 15 h 55



11 h 25 / 23 h 25



7 h 50 / 19 h 50

Kàan ñmal gbɔŋku abin 2010

JANVIER								FÉVRIER							
L	M	M	J	V	S	D		L	M	M	J	V	S	D	
				1	2	3		1	2	3	4	5	6	7	
4	5	6	7	8	9	10		8	9	10	11	12	13	14	
11	12	13	14	15	16	17		15	16	17	18	19	20	21	
18	19	20	21	22	23	24		22	23	24	25	26	27	28	
25	26	27	28	29	30	31									
MARS								AVRIL							
L	M	M	J	V	S	D		L	M	M	J	V	S	D	
1	2	3	4	5	6	7					1	2	3	4	
8	9	10	11	12	13	14		5	6	7	8	9	10	11	
15	16	17	18	19	20	21		12	13	14	15	16	17	18	
22	23	24	25	26	27	28		19	20	21	22	23	24	25	
29	30	31						26	27	28	29	30			
MAI								JUIN							
L	M	M	J	V	S	D		L	M	M	J	V	S	D	
					1	2			1	2	3	4	5	6	
3	4	5	6	7	8	9		7	8	9	10	11	12	13	
10	11	12	13	14	15	16		14	15	16	17	18	19	20	
17	18	19	20	21	22	23		21	22	23	24	25	26	27	
24	25	26	27	28	29	30		28	29	30					
JUILLET								AOÛT							
L	M	M	J	V	S	D		L	M	M	J	V	S	D	
			1	2	3	4		30	31					1	
5	6	7	8	9	10	11		2	3	4	5	6	7	8	
12	13	14	15	16	17	18		9	10	11	12	13	14	15	
19	20	21	22	23	24	25		16	17	18	19	20	21	22	
26	27	28	29	30	31			23	24	25	26	27	28	29	
SEPTEMBRE								OCTOBRE							
L	M	M	J	V	S	D		L	M	M	J	V	S	D	
		1	2	3	4	5						1	2	3	
6	7	8	9	10	11	12		4	5	6	7	8	9	10	
13	14	15	16	17	18	19		11	12	13	14	15	16	17	
20	21	22	23	24	25	26		18	19	20	21	22	23	24	
27	28	29	30					25	26	27	28	29	30	31	
NOVEMBRE								DECEMBRE							
L	M	M	J	V	S	D		L	M	M	J	V	S	D	
1	2	3	4	5	6	7				1	2	3	4	5	
8	9	10	11	12	13	14		6	7	8	9	10	11	12	
15	16	17	18	19	20	21		13	14	15	16	17	18	19	
22	23	24	25	26	27	28		20	21	22	23	24	25	26	
29	30							27	28	29	30	31			

Dibindi poonee, iŋmal sá saalaa nì ili ní.

<u>français</u>	<u>ncam</u>	<u>iwiin níń sá puee</u>
01 janvier	Ubimpɔŋmal	iwiin 31
02 février	Ugbuŋkooŋmal	iwiin 28 àá 29
03 mars	Utuntuŋwiŋmal	iwiin 31
04 avril	Umangumantiŋmal	iwiin 30
05 mai	Udikpɔŋmal	iwiin 31
06 juin	Ukpaasiŋmal	iwiin 30
07 juillet	Useŋmal	iwiin 31
08 août	Uyooceetiŋmal	iwiin 31
09 septembre	Unɔpɔntiŋmal	iwiin 30
10 octobre	Ukpatambeeliŋmal	iwiin 31
11 novembre	Unɔpɔŋmal	iwiin 30
12 décembre	Udiceeŋmal	iwiin 31

Uŋmal poonee, nnyɔmmu sá munaa ní.

Ní kinyɔŋ kiba poonee, iwiin sá iluli ní, ama icaŋwiin sá iluu ní.

<u>français</u>	<u>ncam</u>
l = lundi	Kpanja
m = mardi	Kunca
m = mercredi	Laaboo
j = jeudi	Kaŋkundi
v = vendredi	Cɔkɔl
s = samedi	Putaaŋpa
d = dimanche	

Dipeel ŋmalii di sá ilai? Utaa ŋmalii di sá ilai?

Kinyɔŋ poonee:

Ŋwiŋŋuŋfikaa sá ŋulɔŋu? _____

Ní ŋwimmeem wiŋŋu sá ŋulɔŋu? _____

A-dumpu nyɔŋki sá ŋwiin ŋulɔŋu? _____

Dibindi nì iŋmal nì iwiin ŋmàtam ikaan ŋmaŋmabiti
poon nì anyɔɔbun poon.

Bi màl Akim Unɔɔŋmal 20, 1980 ní.

Bi màl Akim 11/20/1980 ní.

Iwiin 20, daliŋkin bi màluee dee.

Ní 11 sá Unɔɔŋmal.

1980 yee dibindi din poon bi màluee dee.

Ní ŋmà iwiin nì iŋmal nì abin nee nì ikaan ŋmaŋmabiti.

Ukpaasiŋmal 26, 2000 _____

Umaŋgumantiŋmal 4, 2008 _____

Ukpatambeelŋmal 15, 2001 _____

Udikɔŋmal 21, 1998 _____

Ŋmà iwiin nì iŋmal nì abin nee nì tiŋmaŋmabiti.

12.7.1999 _____

8.12.2005 _____

19.9.2010 _____

30.2.2009 _____

Bi yî dibindi poon ñmapeepeekaau yii ba?

Flansi poon _____ Ncam poon _____

Bi yî uñmal wun ka nomba 12 poonee yii ba?

Flansi poon _____ Ncam poon _____

JANVIER						
L	M	M	J	V	S	D
				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

Kpèè abin 2010 wimpeepeekaau sá cəkəl (*vendredi*) ní. Ñwiin ñulɔɔ di làá daá nin sá ubimponñmal wiñyi 13? _____

Ní kinyɔɔ poon wiññu ñulɔɔ di sá ubimponñmal wiññu 31? _____

DECEMBRE						
L	M	M	J	V	S	D
		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		

Uñmal ulɔɔ poon ní bi jin Noowel? _____

Ní kinyɔɔ poon wiññu ñulɔɔ di daá nin sá udiceenñmal wiññu 25? _____

Abin 2010 ηmalii nì di-wiinyi dijandi diba mun sò.

AVRIL (Umangumantiηmal)	MAI (Udikpɔηmal)
1 J Hugues	1 S F. du TRAVAIL
2 V Vendredi Saint	2 D Boris
3 S Richard	3 L Phil., Jacques
4 D PAQUES	4 M Sylvain
5 L L. de PAQUES	5 M Judith
6 M Marcellin	6 J Prudence
7 M J.-B. de la S.	7 V Gisèle
8 J Julie	8 S VICTOIRE
9 V Gauthier	9 D Pacôme
10 S Fulbert	10 L Solange
11 D Stanislas	11 M Estelle
12 L Jules	12 M Jean.-d’Arc
13 M Ida	13 J ASCENSION
14 M Maxime	14 V Matthias

Abin 2010 see uηmal nì ηwiin ηulɔηu di nèn sá apibil jηηaaliuee? _____

Ní bi tɔntɔnliibi jηηaaliu nèn sá ηwiin ηulɔηu? _____

Abin 2010 Udikpɔηmal wiηηu 13 nèn ηmantiη cɔɔci jηηaaliu ulɔu? _____

Dicótil bɔti.

1. Unaati ubɔ cáan̄ u-biki baawul poon bí kpèè-kì. An gbán tikúti 8 n̄ miitib 10. Udɔkɔtanimpu tuku-u yii udɔkɔtakpil làá daá bàn tikúti 10 n̄ 30 ní. Mimmee tikúti tiŋa ní ubinaatee làá duu kàl kí ciití?

2. Saliima máan̄ kí cù Luma kí màntì u-dicaŋku pu. U kó loor wun yíkì tikúti 7 kutaafaauuee, ní kí tin bà wuŋkpooti tikúti 2. Mimmee tikúti tiŋa ní u làá duú còom̄?

Bi bàn nsanee ní loor bíil̄. Ní bi du kukúluu 1 n̄ 30, kí ciitì bi ŋánkì loor. Mimmee kukúluu kulɔkɔ ní loor làá bà Luma?

3. Jaan tuñ ditundi kí kí kutaafaau tikúti 7 kí cáá saa tikúti 12, ní wuŋkpootee, u cá tikúti 2 n̄ 30 ní kí nya tikúti 6. U n̄n̄ kpèé animal jandi ní, faal wun poon bi nyáfì tijikaalee. U tuñ ditundi iwiin iluu kinyɔŋ poon. Mimmee tikúti tiŋa ní u cá tuñ ditundi kinyɔŋ poon?

4. Bi màl Abu 1948 ní. Ní u kó sukul 1954. U foo ajal saalaa nì ata gbɔŋku 1967, ki dóò sukulkpaan 1971 ní. Mimmee u nìh cáá abin aŋa ní ki kó sukul?

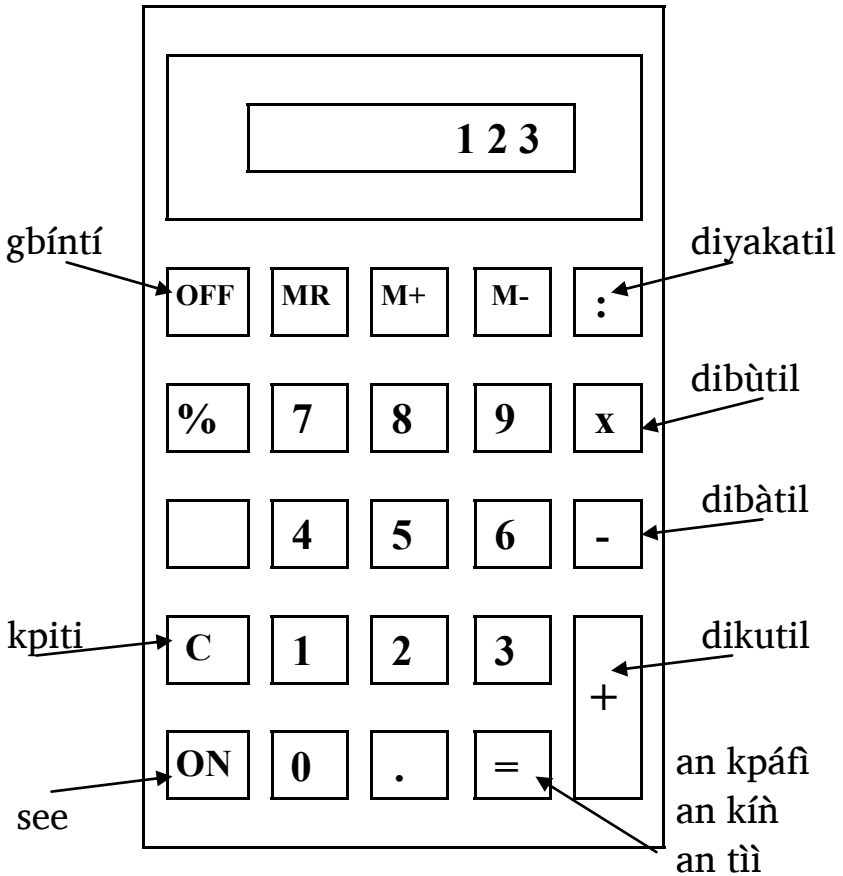
U cáá abin aŋa ní ki foo ajal saalaa nì ata gbɔŋku?

Ní ki daa kúntì sukulkpaanee u cáá abin aŋa?

U tún ditundi adiin ŋin bi fool binicambee poon ní ki nìh sá ukpil. Kí yoon 1972 kí cáá saa 2010 yal, ní ki foo diŋunfil. Mimmee abin aŋa ní u duu tún ditundi?

Dibɔyil 14 - Tí bifi min ní bi cáá akɔntaa masiinu ki tùn ditundee.

Akɔntaa masiinu n̄un kí tutìn-si á cɔ́tí an yaa sá yii, ikaan yaa wiikí àá an yaa nàānee. Ama an kaa n̄an á nin ka ki báká masiin pu, a máān ki mun ní nin n̄un ki cɔ́tí akɔntaa a-ba yil poon an níń làá n̄á pu báà laanyee àá n̄yunti n̄yuyee à nin n̄un ki cɔ́tí kí taa nyààb̄ masiinee.



Ditundi - akōntaa masiinu

$5 + 3 =$

$3 - 2 =$

$6 + 2 =$

$4 - 4 =$

$9 + 5 =$

$9 - 7 =$

$63 + 7 =$

$8 - 3 =$

$64 + 8 =$

$6 - 4 =$

$125 + 50 =$

$12 - 3 =$

$354 + 46 =$

$45 - 5 =$

$500 + 65 =$

$300 - 50 =$

$750 + 50 =$

$125 - 25 =$

$8 \times 5 =$

$21 : 3 =$

$9 \times 5 =$

$24 : 4 =$

$3 \times 6 =$

$25 : 5 =$

$8 \times 8 =$

$12 : 3 =$

$9 \times 9 =$

$18 : 6 =$

$2 \times 7 =$

$36 : 9 =$

$10 \times 4 =$

$64 : 8 =$

$15 \times 2 =$

$72 : 9 =$

$25 \times 3 =$

$300 : 3 =$

$400 \times 2 =$

$150 : 25 =$

Dibɔyil 15 - Diteetil

Dicótil bɔti.

M-pool sá yaaniki ní ki nyáfí tiwan tin kamaa ní bi pée cáa tuñ kudii poon ditundee. Kpèè u-wanti tin u síiñ ki nyáfée nì ti-kəkɔ daaku gbɔŋku. Yooñ kigbaŋkatii kí cɔ́tí tin kəkɔ u síiñ ki nyáfée kəkɔ daaku kubɔ kubɔ. Ŋmà a nín ká puee ŋŋaŋgiil kuuliŋ pú. Du tiwan tin kəkɔ u kpáafèe daaku kí cɔ́tí kpaŋfi.

Diwancilee nyɔkɔm	Kubaantiiu daaku	An nín kpáfi puee
waliba gbakatikpaanu wun fòol liitirbi imuŋku iŋmoo 2	5.500 F	
waliba gbakatiu wun fòol liitirbi mmuŋku nì biŋmoo 5	1.450 F	
tikúti gbakatiu 4	3.275 F	
waliba camisiu 2	3.200 F	
tikúti camisiu 2	4.500 F	
tikúti kumbool 5	1.750 F	
liitirbi 5 túuŋŋu 8	650 F	
waliba kɔɔpiwaaki 10	175 F	
glaasi 8	750 F	
glaasi sambiliŋ 8	550 F	
waliba sambiliŋ 8	325 F	
An nín kpáfi puee		

1. M-baa nì u-nabiki búl' anoo ipɔn mmuŋku nì ata, mɔn kamaa cáá anɔpoo saalaa nì anaa. Mimmee anɔpoo ŋin bi búlee kpáfi aŋa?

Bi níń kufi anooyee, bi ká 300 di sá amɔnti. Ní bi lee yii bi làá putì kpáàá du anoo 90 kí nyafi. Bi du anooyee ki páan inɔfiki, ní nnɔfiki kamaa cáá anoo ata. Ní bi nyáfí nnɔfiki mɔ igboo 1500. Anoo 90 làá ŋá inɔfiki iŋa?

Ní bi yaa nyáfí anoo 90 gbanti kɔkɔee an làá kpáfi mana?

2. Uloorŋaali ubo cáá takasii. Karaa kí cù Kantee ní u còom, ní ki fòol animil igboo 1200 unil ubo yil pu. U yòontí binib biluu ní u-takasiiu poon. Animil mana ní u kantí u yaa yooñ binib an gbí dicul nì digitindi kòkòee?

Kinyoŋ kiba iwiin iluu ní u cáá còom. Mimmee kinyoŋ kiba poonee animil mana ní u làá ká?

An yaa sá yii u daa sansi igboo 40.000, mana di kíh-u?

U dá akpapwɔn igboo 32.000, mimmee an kíh-u mana?

Ditundi

Kàan nɔmba nee kí ñmà an níń sá puee ikaan
ñmanñmabiti poon.

8 binii

 saalaa nì binaa

 mmuñku nì saalaa nì biluli

 imuñku inaa nì biñmoo

 kulaafaau nì imuñku inii nì biluli

 tilaafati tinaa nì mmuñku nì biwa

 kutukub bili nì tita nì mmuñku nì saalaa nì binii

Ikaan nɔmbab nee cañinee á duú ñmà dinyɔɔbundi.

5 _____

13 _____

76 _____

184 _____

562 _____

1250 _____

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B.P. 57, Kara - Togo

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