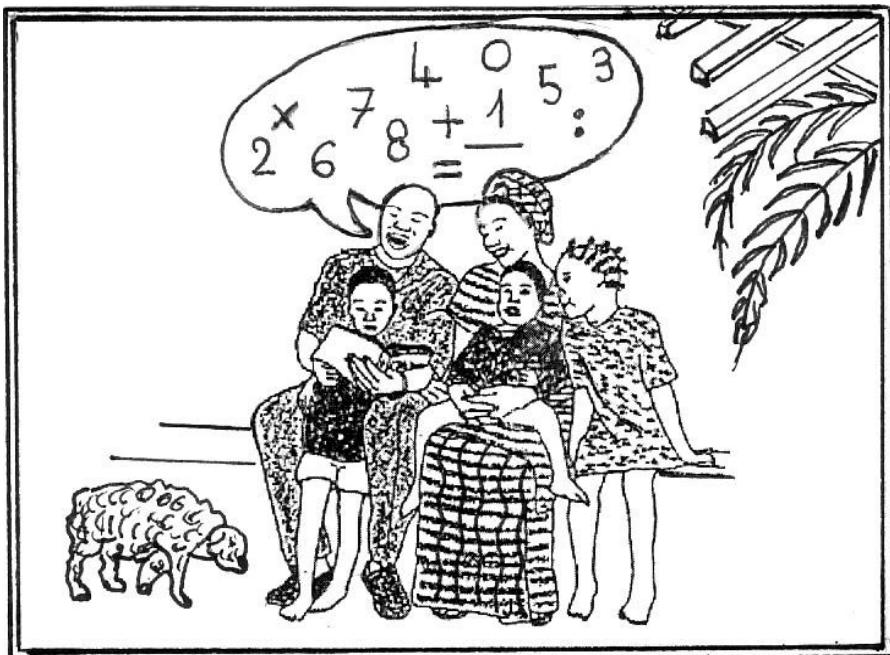


Ti bēmū nne n dōmu n hānsī n cōtidí m̄ fēemē

M̄ cōtidime pōke m̄ bēdime



Apprenons à compter et à vite calculer

1er livret de calcul

1ère édition, 2011 ; mbèlimè

**Tī bēmmū nne ñ dōmu
n hānsī n cōtidí m̄ fēemε**

ℳ cōtidime pōke m̄ bēdime

Apprenons à compter et à vite calculer

1er livret de calcul

Traduit par Bernard SANHOUEGOUA

Ce livre a été adapté de deux
livres originaux « Cours de calcul tome 1 et tome 2 »
en français, développé par ROOSEN Marie-Rose,
SIL Togo-Bénin

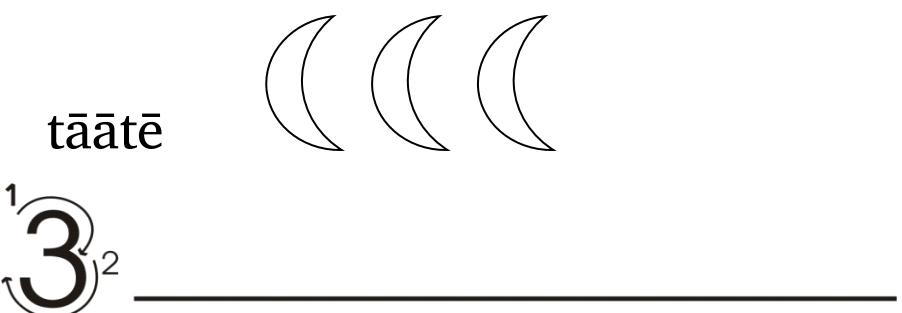
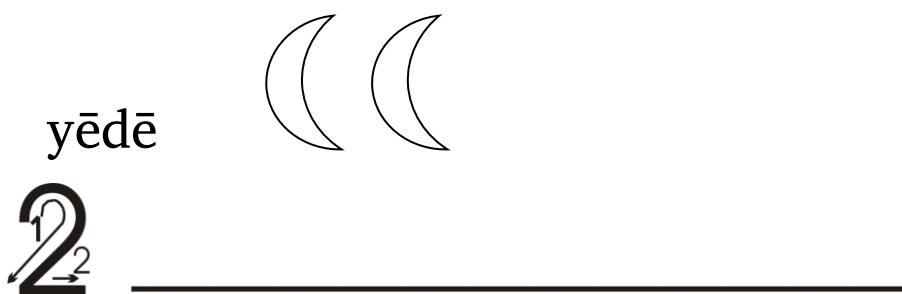
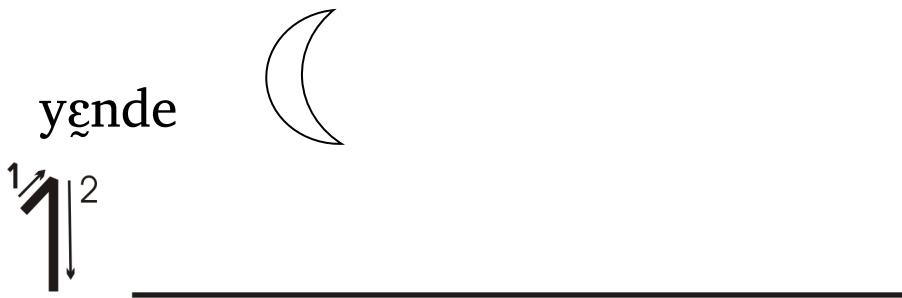
Illustrations adaptées par ROOSEN Marie-Rose

Dépôt Légal N° 5342 ; 3ème trimestre 2011
Bibliothèque Nationale
ISBN : 978-99919-855-1-0

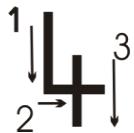
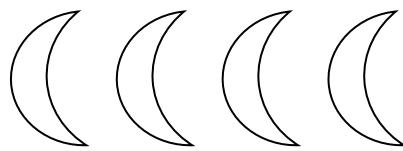
1ère édition, 2011 ; mbèlimè
© 2011 SIL Togo-Bénin

Dī bēñtīde 1

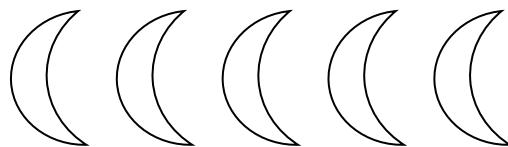
N bēñmū m̄ nójmme 1 n tāñtā 9, n pukiná 0



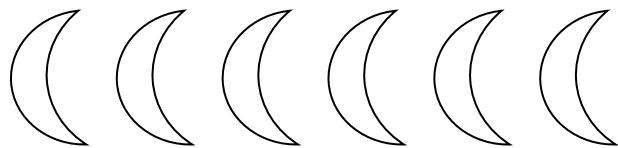
naasi



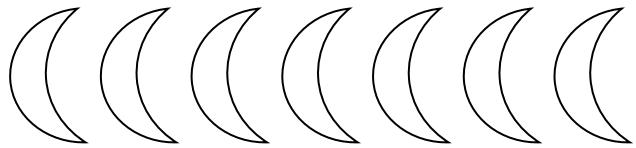
nummu



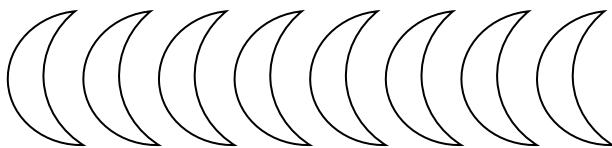
dōo



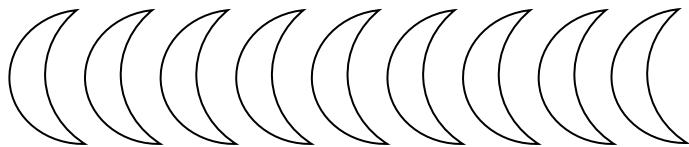
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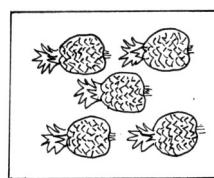
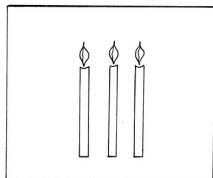
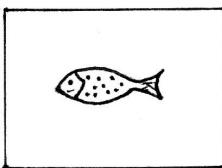


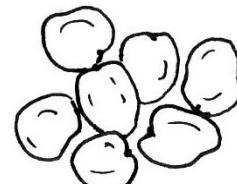
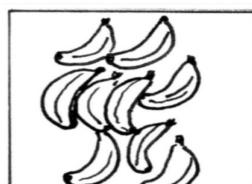
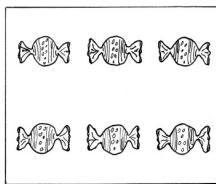
\bar{a} w $\bar{e}\bar{i}$

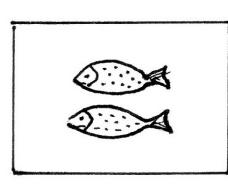
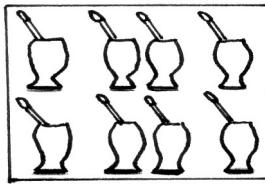
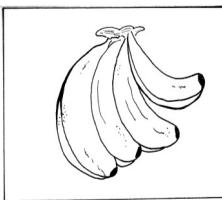


n mōmmə









1

2

3

4

5

6

7

8

9

0

1

2

3

4

5

6

7

8

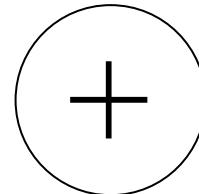
9

0

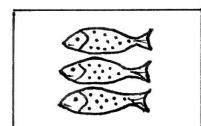
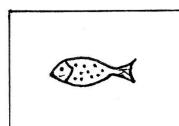
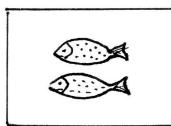
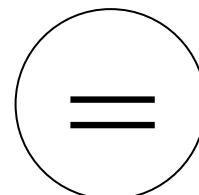
Dī bēñtīde 2

ℳ púkíme m̄ n óm̄me 0 n tāñtā 9

Í díetī ī n cūo m̄m̄ē ī yēdē
bēñkī m̄ púkím̄ē.

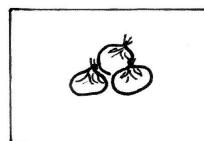
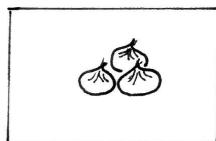


Í díetī ī n pēpu m̄m̄ē n pīetī ī
yēdē bēñkī m̄ cōtidime kóñnc
n mō kēyē kū.



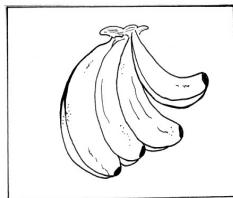
$$2 + 1 = 3$$

Yēdē n pukiná m̄e n bā nō m̄e n tāatē.

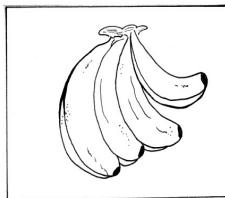


Tāatē n pukiná m̄e n tāatē nō m̄e n dūo.

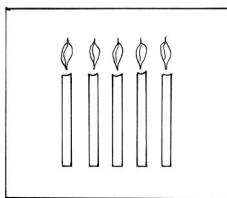
$$+ =$$



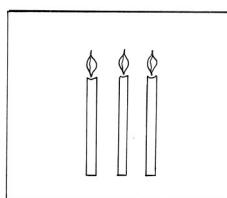
+



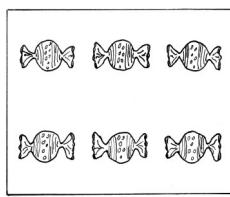
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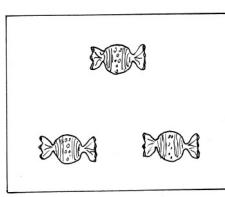
+



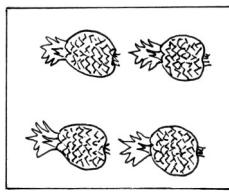
=



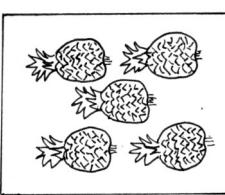
+



=



+



=

$$\mathbf{1} + \mathbf{1} = \mathbf{2} \qquad \mathbf{1} + \mathbf{2} = \mathbf{3} \qquad \mathbf{1} + \mathbf{3} = \mathbf{4}$$

$$1 + 4 = \qquad 2 + 5 = \qquad 2 + 6 =$$

$$1 + 8 = \qquad 3 + 0 = \qquad 3 + 4 =$$

$$2 + 3 = \qquad 4 + 2 = \qquad 3 + 5 =$$

$$2 + 7 = \qquad 5 + 0 = \qquad 6 + 0 =$$

$$4 + 0 = \qquad 3 + 6 = \qquad 7 + 1 =$$

$$4 + 4 = \qquad 2 + 7 = \qquad 4 + 5 =$$

$$2 + 5 = \qquad 8 + 0 = \qquad 1 + 8 =$$

$$9 + 0 = \qquad 2 + 2 = \qquad 3 + 3 =$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline = 6 \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline = 7 \end{array} \quad \begin{array}{r} 1 \\ + 4 \\ \hline = \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline = \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline = \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline = \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline = \end{array} \quad \begin{array}{r} 9 \\ + 0 \\ \hline = \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline = \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline = \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline = \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline = \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline = \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline = \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline = \end{array} \quad \begin{array}{r} 1 \\ + 6 \\ \hline = \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline = \end{array} \quad \begin{array}{r} 8 \\ + 0 \\ \hline = \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline = \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline = \end{array}$$

Dī bēñtīde 3

Hííní i sēpī i n diéto n pāññā m pükíme cōtidime

1. Hōnē n nii hōotō ā hienē yē dūo.

Yēndē u hōotō ā hienē yē tāatē.

U hōotō ā yienē yē n dē ?



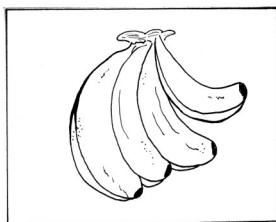
2. Sapa tōtō caane yē
doodē. Ú nāñke ā tōtā
caane yē n dūo.
Bē caane kóñnc n
mōmē ?

$$7 + 2 = 9$$

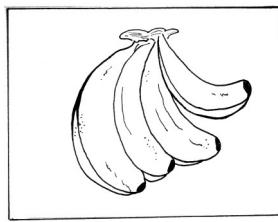
3. Amina kuɔsɔ ī bədiē ī naasi.

Faati maa kuɔsɔ ī bədiē ī naasi.

Bε kuɔsɔ ī bədiē īyē kóńnɔ n mɔmē ?



+

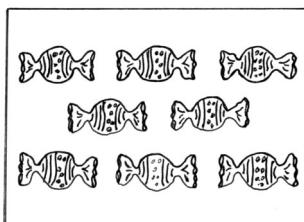


_____ _____ = _____

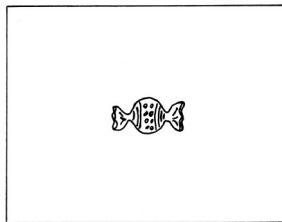
4. Nāñke tō bonbōmu bē ninyē ū duɔke saake

hīnnī. A kē kɔɔke tō bonbōmu ū n bā.

Bonbōmu dēnbē kóńnɔ mɔmē ū duɔsī n̄ hīnnī ?



+

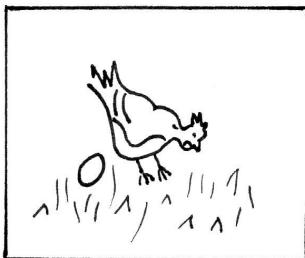


_____ _____ = _____

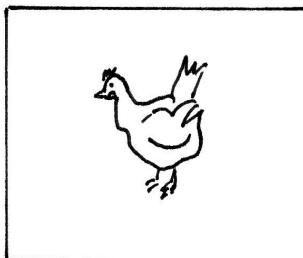
5. Hōnē kē kódíkē níi hēnde dī n bā.

Yēndē ke hē níi nīnkē.

Kē níi, ā hīene āyē kónic n mōmē ?



+



_____ _____ = _____

6. Kodikē tēdī tābe bē n yēdē nnē manbe bē n tāātē.

Ū tābe nnē ū manbe kónic n mōmē ?



+

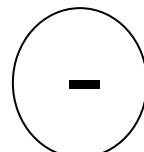


_____ _____ = _____

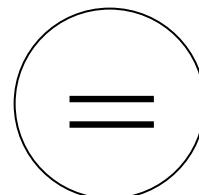
Dī bēñtīde 4

M nōrmē cátíme n bōntā 0 n tāñtā 9

Ū díetū nkū bēñkī m cátímē.

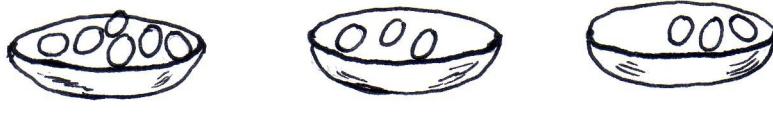


I díetī n i yēdē n pēpū bēñkī
nē n kpā wē.



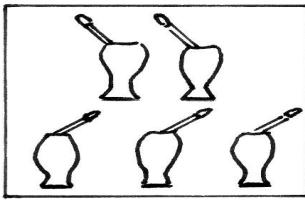
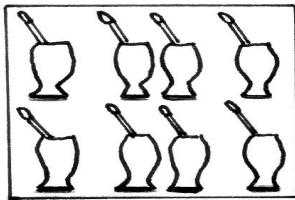
$$\begin{array}{r} \boxed{\text{fish fish fish}} \\ - \\ \boxed{\text{fish fish}} \\ = \\ \boxed{\text{fish}} \end{array}$$
$$3 - 2 = 1$$

Mē n tāātē n catá mē n yēdē nō mē n bā.

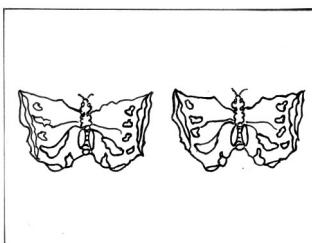
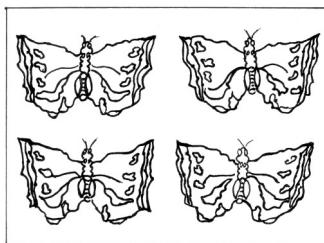


$$6 - 3 = 3$$

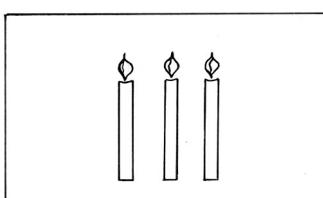
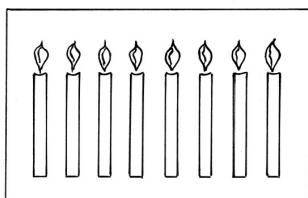
Mē n dūo n catá mē n tāātē nō mē n tāātē.



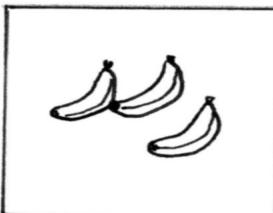
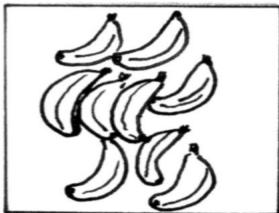
= _____



= _____



= _____



= _____

$1 - 1 = 0$

$2 - 1 = 1$

$4 - 3 = 1$

$3 - 1 =$

$4 - 1 =$

$3 - 2 =$

$5 - 1 =$

$7 - 1 =$

$7 - 4 =$

$5 - 2 =$

$2 - 2 =$

$5 - 0 =$

$3 - 3 =$

$4 - 2 =$

$6 - 6 =$

$6 - 3 =$

$5 - 3 =$

$9 - 0 =$

$4 - 4 =$

$6 - 4 =$

$6 - 1 =$

$7 - 5 =$

$8 - 5 =$

$6 - 5 =$

$8 - 7 =$

$9 - 7 =$

$8 - 8 =$

$3 - 0 =$

$7 - 6 =$

$2 - 2 =$

$$\begin{array}{r} 4 \\ - 2 \\ \hline = 2 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline = 4 \end{array} \quad \begin{array}{r} 2 \\ - 2 \\ \hline = \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline = \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline = \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline = \end{array} \quad \begin{array}{r} 6 \\ - 2 \\ \hline = \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline = \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline = \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline = \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline = \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline = \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline = \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline = \end{array} \quad \begin{array}{r} 7 \\ - 0 \\ \hline = \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline = \end{array}$$

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

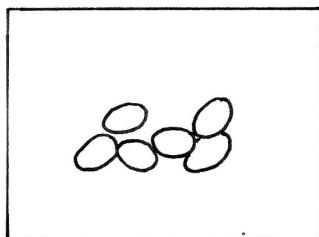
Dī bēñtide 5

Hííní i sēpí i n diéto n pāññā m cátíme cōtidime

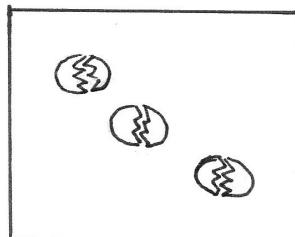
1. N nii hōotó a hiené yē dūo.

U pontó a hiené yē n tāatē n coóno.

U kpā n tō a hiené yē n dē ?



-

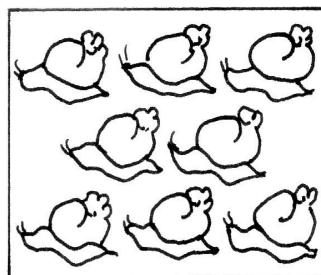


$$\underline{\quad} \quad \boxed{\quad} \quad \underline{\quad} = \underline{\quad}$$

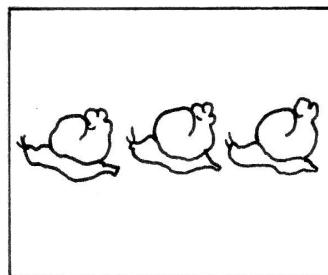
2. N nāñke dító tī natōñtōñte tī ninyē.

N dēetā tī n tāatē n dūonī ū bító.

U kpā n tō tī natōñtōñte tī n dē ?



-

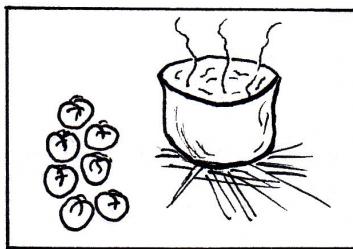
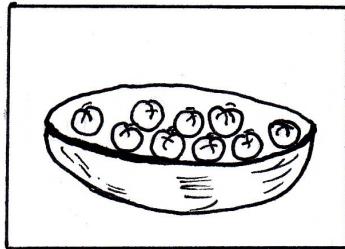


$$\underline{\quad} \quad \boxed{\quad} \quad \underline{\quad} = \underline{\quad}$$

3. Faati kpénójō tōmāti bē n wéi.

N pānnā tōmāti dēnbē bē doodē tī húnte hínni.

U kpā n tō tōmāti dēnbē bē n dē ?

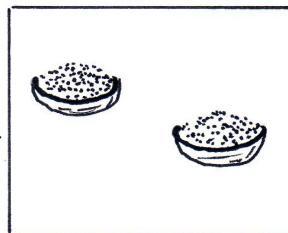
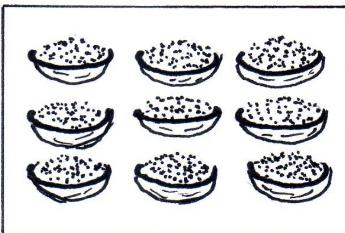


$$\underline{\hspace{2cm}} \quad \boxed{} \quad \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

4. Amina tēdī sī mōdīwānsī sī n wéi.

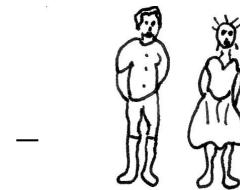
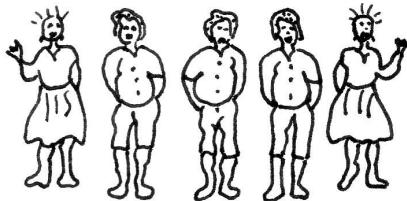
N dēetā sī dūo n dūonī ū sēsēnēntō.

U kpā n tō sī mōdīwānsī sī n dē ?



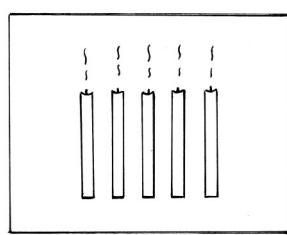
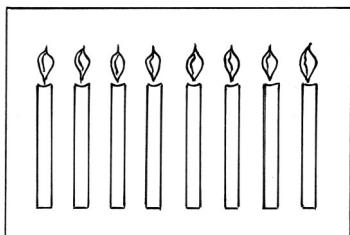
$$\underline{\hspace{2cm}} \quad \boxed{} \quad \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

5. Dī nākūōdicuude dī n bā hīnnī sī nākūōdibiisí nō
nne n̄ bō sī nummu. Ú wākimō té ā tóntá dī bōnde
dīyē n hē ā ya sī n yēdē. Sī n dē fún' bō dī
nākūōdicuude hīnnī nē bōnde?



$$\underline{\hspace{2cm}} - \boxed{\hspace{1cm}} = \underline{\hspace{2cm}}$$

6. N̄ tōw wentō buusī bē ninyē. A ū yāāhū ā nūa nne
n̄ wūōnī cē dī sēēde hīnnī a nē n nummu ā dīi.
Buusī bē n dē kpā n wēnnī ?



$$\underline{\hspace{2cm}} - \boxed{\hspace{1cm}} = \underline{\hspace{2cm}}$$

Dī bēñtīde 6

Sī pīisī, sī koosī nne ā tuse

d = tī dākīte

p = sī pīisī

p	d
1	0

p	d
2	0

$$\begin{array}{r} 1 \ 0 \\ + \ 1 \ 0 \\ \hline \end{array}$$

$$10 + 10 = 20$$

= 2 0 Kē pīike n pukiná kē pīike nō pīisī n yēdē.

N bēñmū m nōmme díétíme n bōntā kē 10 n tāñtā 29.

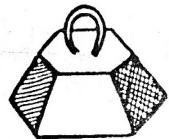
10 11 12 13 14 15 16 17 18 19

10

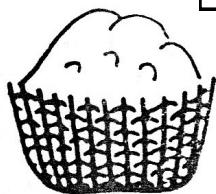
20 21 22 23 24 25 26 27 28 29

20

tī dākīte				1
sī pīisī			1	0
sī koosī		1	0	0
ā tuse	1	0	0	0



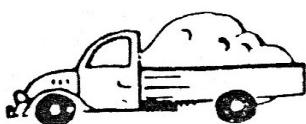
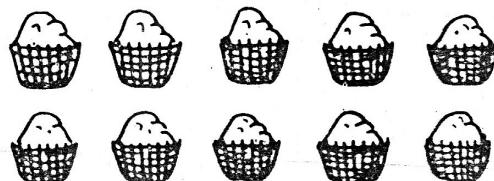
1



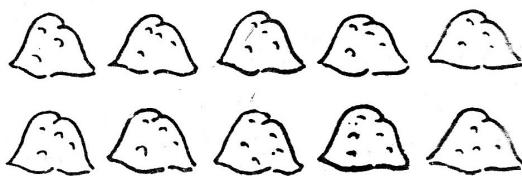
10



100

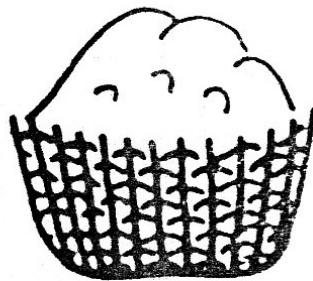
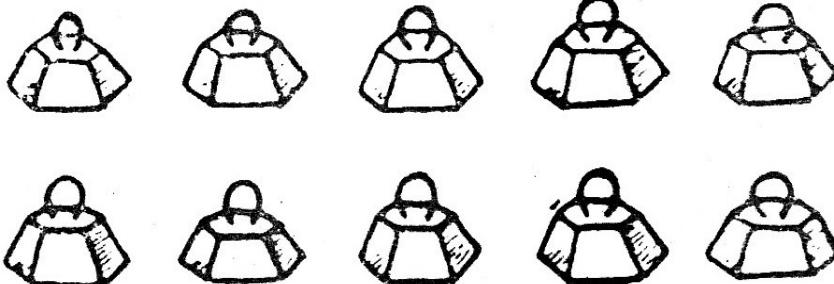


1000



Sī pīsi

$$1+1+1+1+1+1+1+1+1=10$$

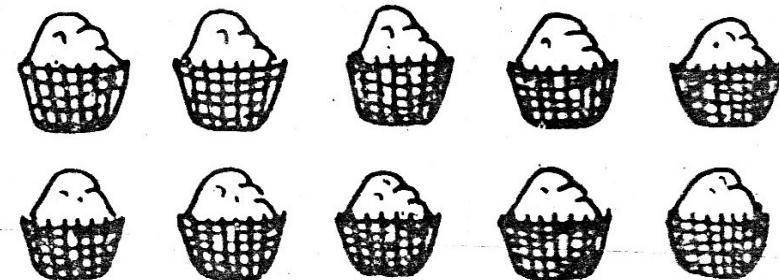


1	0

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

Sī koosi

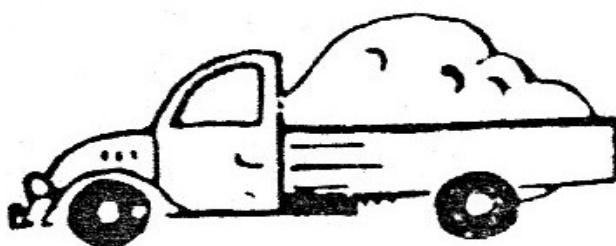
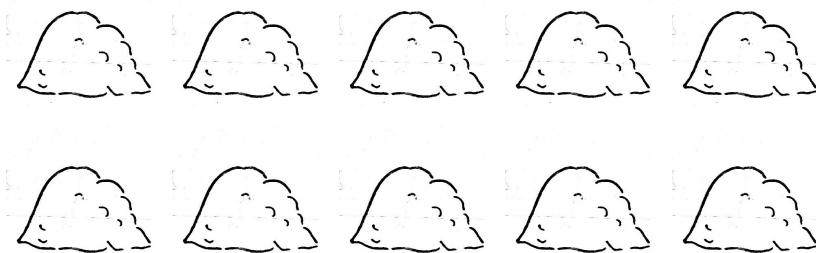
$$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 100$$



1	0	0

Ā tuse

$$100 + 100 + 100 + 100 + 100 \\ + 100 + 100 + 100 + 100 + 100 = 1000$$



1	0	0	0

Kóóná ya n hiiní n hūusi n kaaní sō m̄ nómme m̄m̄x̄.

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

Dī bēñtīde 7

M púkíme sī pīsī n hīnnī a tiēmē hē bō

5	3	
+	2	5
	7	8

2	4	
+	4	1
	6	5

$$\begin{array}{r} 12 \\ + 24 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 25 \\ + 14 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 37 \\ + 42 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 19 \\ + 50 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 68 \\ + 11 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 41 \\ + 43 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 82 \\ + 15 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 56 \\ + 33 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 73 \\ + 14 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 42 \\ + 21 \\ \hline \end{array}$$

=

$$\begin{array}{r} 33 \\ + 14 \\ \hline \end{array}$$

=

$$\begin{array}{r} 17 \\ + 42 \\ \hline \end{array}$$

=

$$\begin{array}{r} 15 \\ + 23 \\ \hline \end{array}$$

=

$$\begin{array}{r} 26 \\ + 51 \\ \hline \end{array}$$

=

$$\begin{array}{r} 20 \\ + 64 \\ \hline \end{array}$$

=

$$\begin{array}{r} 68 \\ + 31 \\ \hline \end{array}$$

=

$$\begin{array}{r} 59 \\ + 30 \\ \hline \end{array}$$

=

$$\begin{array}{r} 63 \\ + 13 \\ \hline \end{array}$$

=

$$\begin{array}{r} 74 \\ + 14 \\ \hline \end{array}$$

=

$$\begin{array}{r} 77 \\ + 12 \\ \hline \end{array}$$

=

$$\begin{array}{r} 36 \\ + 52 \\ \hline \end{array}$$

=

$$\begin{array}{r} 73 \\ + 24 \\ \hline \end{array}$$

=

$$\begin{array}{r} 81 \\ + 15 \\ \hline \end{array}$$

=

$$\begin{array}{r} 11 \\ + 48 \\ \hline \end{array}$$

=

ℳ nómme mē n yeeno m̄m̄, sī pīsī náá tī dākītē ?

ℳ dōnnīmē : 26 sī pīsī

13

21

19

38

45

ℳ nīi tēdī m̄ yómíimē n dū n pāññā ī yúóhí. U tēdī m̄ yómíimē a me mōnni n nō 15. Ū nāñke ā u dūōnī m̄ yómíimē a me sietō n nō 23. Ū yómíimē kóñnc n mōm̄ a u nī pāññā ī yúóhí ?

1 5

$$\begin{array}{r} 15 + 23 = 38 \\ + \quad 2 \quad 3 \\ \hline 3 \quad 8 \end{array}$$

Sī bīísí 36 bōkītō dōkīti dikcōde yééfē ā sōtīh̄ m̄ cōcdime. A dī wēnbikitíde 42 ā tóntá.
Dokitōdi cōctō bīísí sī n dē ?

Dī bēñtīde 8

M pükíme (sī koosī nne ā tuse), a tiēmē h̄ē bō.

			
	2	5	3
+	3	1	5
	5	6	8

				
	1	4	7	2
+	2	3	1	4
	3	7	8	6

$$\begin{array}{r}
 132 \\
 + 121 \\
 \hline
 =
 \end{array}
 \quad
 \begin{array}{r}
 334 \\
 + 144 \\
 \hline
 =
 \end{array}
 \quad
 \begin{array}{r}
 2157 \\
 + 4602 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r} 302 \\ + 252 \\ \hline \end{array}$$

=

$$\begin{array}{r} 463 \\ + 135 \\ \hline \end{array}$$

=

$$\begin{array}{r} 1254 \\ + 3441 \\ \hline \end{array}$$

=

$$\begin{array}{r} 555 \\ + 124 \\ \hline \end{array}$$

=

$$\begin{array}{r} 612 \\ + 237 \\ \hline \end{array}$$

=

$$\begin{array}{r} 2361 \\ + 2518 \\ \hline \end{array}$$

=

$$\begin{array}{r} 849 \\ + 130 \\ \hline \end{array}$$

=

$$\begin{array}{r} 721 \\ + 145 \\ \hline \end{array}$$

=

$$\begin{array}{r} 3705 \\ + 5151 \\ \hline \end{array}$$

=

$$\begin{array}{r} 175 \\ + 713 \\ \hline \end{array}$$

=

$$\begin{array}{r} 293 \\ + 403 \\ \hline \end{array}$$

=

$$\begin{array}{r} 4460 \\ + 325 \\ \hline \end{array}$$

=

$$\begin{array}{r} 406 \\ + 373 \\ \hline \end{array}$$

=

$$\begin{array}{r} 310 \\ + 185 \\ \hline \end{array}$$

=

$$\begin{array}{r} 7149 \\ + 410 \\ \hline \end{array}$$

=

Dī nītipōciīkīde yē kuċċo ā badiyo sī wānsī 465 dā
doodē ū n hánto ḥsō mmmē, a wānsī 322 dā doodē ū n
nō mmmē. Ā badiyo wānsī sī n kuċċo kóńno n mɔmē ?

Ū kpīemō u bāa yē bō n bāatā bɔnde bā n hāanī kē
tēndoke u bō kēyē hō hīnnī. Be haanc n yaā nitibe
572 kē tēndoke kē n bō ū pepū. N hāanī n ya nitibe
326 kē tēndoke kē n bō ū bankū. Be nitibe fūn'
kóńno n mɔmē ?

Ñ tōo tōosī m̄ mɔmmū kuċte nne ū cuuhū. Kē hātikē
kē n pantō ḥsō mmmē u tōo m̄ mɔmmū kuċte 1245.
A kē hātikē ḥkē u tōo 1524. M̄ mɔmmū kuċte tī n
tōo kóńno n mɔmē hāsī sī n yēdē hīnnī ?

Dī bēñtīde 9

M cátíme sī pīsī n hīnnī a tīémē hē bō

3	5	
- 2	3	
1	2	

6	7	
- 4	2	
2	5	

$$\begin{array}{r} 24 \\ - 13 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 36 \\ - 12 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 59 \\ - 25 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 78 \\ - 41 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 47 \\ - 16 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 62 \\ - 50 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 88 \\ - 54 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 96 \\ - 32 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 71 \\ - 20 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 54 \\ - 12 \\ \hline \end{array}$$

=

$$\begin{array}{r} 45 \\ - 31 \\ \hline \end{array}$$

=

$$\begin{array}{r} 79 \\ - 26 \\ \hline \end{array}$$

=

$$\begin{array}{r} 65 \\ - 52 \\ \hline \end{array}$$

=

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

=

$$\begin{array}{r} 84 \\ - 43 \\ \hline \end{array}$$

=

$$\begin{array}{r} 96 \\ - 55 \\ \hline \end{array}$$

=

$$\begin{array}{r} 26 \\ - 13 \\ \hline \end{array}$$

=

$$\begin{array}{r} 38 \\ - 24 \\ \hline \end{array}$$

=

$$\begin{array}{r} 72 \\ - 10 \\ \hline \end{array}$$

=

$$\begin{array}{r} 58 \\ - 42 \\ \hline \end{array}$$

=

$$\begin{array}{r} 49 \\ - 23 \\ \hline \end{array}$$

=

$$\begin{array}{r} 37 \\ - 14 \\ \hline \end{array}$$

=

$$\begin{array}{r} 99 \\ - 25 \\ \hline \end{array}$$

=

$$\begin{array}{r} 63 \\ - 30 \\ \hline \end{array}$$

=

Ñ tōc kpīemō tēdī sī būosī 38. N kū̄si nne ū
sēsēñnetō 12. U kpā n tēdī būosī sī n dē ?

Ū wuɔhū hīnnī ñ tōc sikōc ā pōntē 45. A fē tēdīfē ā
tóñtā nne ū yāāhū nne ñ hūonī n sōotā 14.
Pōntē yē n dē kpā ?

Ñ bātō ā kódíyīenē 76 dī kódípúude hīnnī.
Ñ deetō ā kódíyīenē 23 n dōōnō n dū n wēnā.
Ā kódíyīenē yē n dē kpā n nō n kū̄si kē dāāke ?

Dī bēñtīde 10

M cátíme (sī koosī nne ā tuse), a tiēme hē bō.

			
-	4	3	9
-	2	1	5
	2	2	4

				
-	3	4	6	5
-	2	3	1	1
	1	1	5	4

$$\begin{array}{r}
 145 \\
 -102 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 351 \\
 -140 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r}
 2738 \\
 -1602 \\
 \hline
 =
 \end{array}$$

$$\begin{array}{r} 352 \\ - 210 \\ \hline \end{array}$$

=

$$\begin{array}{r} 473 \\ - 132 \\ \hline \end{array}$$

=

$$\begin{array}{r} 3284 \\ - 3131 \\ \hline \end{array}$$

=

$$\begin{array}{r} 657 \\ - 224 \\ \hline \end{array}$$

=

$$\begin{array}{r} 515 \\ - 203 \\ \hline \end{array}$$

=

$$\begin{array}{r} 2361 \\ - 1140 \\ \hline \end{array}$$

=

$$\begin{array}{r} 849 \\ - 534 \\ \hline \end{array}$$

=

$$\begin{array}{r} 762 \\ - 541 \\ \hline \end{array}$$

=

$$\begin{array}{r} 5754 \\ - 3151 \\ \hline \end{array}$$

=

$$\begin{array}{r} 275 \\ - 114 \\ \hline \end{array}$$

=

$$\begin{array}{r} 396 \\ - 103 \\ \hline \end{array}$$

=

$$\begin{array}{r} 4965 \\ - 325 \\ \hline \end{array}$$

=

$$\begin{array}{r} 486 \\ - 274 \\ \hline \end{array}$$

=

$$\begin{array}{r} 955 \\ - 201 \\ \hline \end{array}$$

=

$$\begin{array}{r} 6599 \\ - 458 \\ \hline \end{array}$$

=

Ñ tōc tēdī dī kūcsicuude dikōode h̄innī n kūcsi tī mōdīkuote. Kē h̄atikē kēbítō dī bōnde dīyē, u nānkī ketenceeke pō a bē u kpēnī tī mōdīkuote 235. Kē h̄atikē h̄úumú u ya n kuɔɔ kuote 122. U kpā n tēdī tī mōdīkuote tī n dē ?

Í sēpī m̄ bēnsime cipe h̄innī bē n díeto n dū n nī bēm̄mū Kóñnc n nō bēnsibe 528, a bē n dedōc nō 103. Bē n kpā bē fē pāñnc n̄wē kē n̄iesike m̄ nākūñdime dōcsime. Bē n dē pāñnc kē n̄iesike ?

Bē n pāñnc tennē kē n̄iesike bē h̄innī, 112 h̄ dítō.
Bē n dē dítō ?

Dī bēñtīde 11

M pükíme sī pīsi n hīnnī, a m tīemē bō.

1 3	6	
+ 2	7	
	6	3

1 1	8	
+ 3	2	
	5	0

1 4	5	
+ 3	9	
	8	4

1 5	7	
+ 3	8	
	9	5

$$1\ 7$$

$$\underline{+}\ 2\ 4$$

$$=$$

$$2\ 5$$

$$\underline{+}\ 2\ 8$$

$$=$$

$$3\ 7$$

$$\underline{+}\ 4\ 6$$

$$=$$

$$\begin{array}{r} 43 \\ + 28 \\ \hline \end{array}$$

=

$$\begin{array}{r} 39 \\ + 14 \\ \hline \end{array}$$

=

$$\begin{array}{r} 17 \\ + 47 \\ \hline \end{array}$$

=

$$\begin{array}{r} 15 \\ + 25 \\ \hline \end{array}$$

=

$$\begin{array}{r} 26 \\ + 58 \\ \hline \end{array}$$

=

$$\begin{array}{r} 28 \\ + 64 \\ \hline \end{array}$$

=

$$\begin{array}{r} 58 \\ + 38 \\ \hline \end{array}$$

=

$$\begin{array}{r} 59 \\ + 21 \\ \hline \end{array}$$

=

$$\begin{array}{r} 63 \\ + 19 \\ \hline \end{array}$$

=

$$\begin{array}{r} 69 \\ + 14 \\ \hline \end{array}$$

=

$$\begin{array}{r} 77 \\ + 15 \\ \hline \end{array}$$

=

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

=

$$\begin{array}{r} 49 \\ + 29 \\ \hline \end{array}$$

=

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

=

$$\begin{array}{r} 17 \\ + 39 \\ \hline \end{array}$$

=

Cenbā tēdī ā tēēhɛ dikcōde a hɛ nɔ péésí 14 a u nī n̄ kū̄si, a sī péésí 19 bō ketenceeke a u nī n̄ kū̄si.
Ū péésí kóñnc n mɔmɛ a u nī n̄ kū̄si ?

Ñ tāa kuɔsɔ tī sekíñsāhāate 48 ā sōtihɛ, n kɔtá n kū̄si 34 m̄ yōm̄mū. U kuɔsɔ sekíñsāhāate tī n dē ?

Dī dākū̄sicuude kuɔsɔ m̄ dāamɛ 26 dī wēnbikitíde a m̄ yōm̄mū n kū̄si m̄ dāamɛ 58.
M̄ dāamɛ m̄ n kuɔsɔ kóñnc n mɔmɛ ?

Dī bēñtīde 12

M pükíme (sī koosī nne ā tuse), a m̄ tiēmē bō.

1 2	1 5	8		1 2	1 5	7
+ 3	9	5		+ 5	5	5
6	5	3		8	1	2

5	1 4	7	2
+ 2	3	7	2
7	8	4	4

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

$$\begin{array}{r} 359 \\ + 252 \\ \hline \end{array}$$

=

$$\begin{array}{r} 462 \\ + 165 \\ \hline \end{array}$$

=

$$\begin{array}{r} 1754 \\ + 3448 \\ \hline \end{array}$$

=

$$\begin{array}{r} 555 \\ + 184 \\ \hline \end{array}$$

=

$$\begin{array}{r} 689 \\ + 237 \\ \hline \end{array}$$

=

$$\begin{array}{r} 2361 \\ + 1497 \\ \hline \end{array}$$

=

$$\begin{array}{r} 859 \\ + 94 \\ \hline \end{array}$$

=

$$\begin{array}{r} 761 \\ + 146 \\ \hline \end{array}$$

=

$$\begin{array}{r} 3775 \\ + 2851 \\ \hline \end{array}$$

=

$$\begin{array}{r} 175 \\ + 626 \\ \hline \end{array}$$

=

$$\begin{array}{r} 293 \\ + 434 \\ \hline \end{array}$$

=

$$\begin{array}{r} 4459 \\ + 829 \\ \hline \end{array}$$

=

$$\begin{array}{r} 306 \\ + 182 \\ \hline \end{array}$$

$$\begin{array}{r} 374 \\ + 185 \\ \hline \end{array}$$

$$= 862$$

=

$$\begin{array}{r} 387 \\ + 213 \\ \hline \end{array}$$

$$\begin{array}{r} 185 \\ + 470 \\ \hline \end{array}$$

=

$$\begin{array}{r} 5847 \\ + 1402 \\ \hline \end{array}$$

$$\begin{array}{r} 470 \\ + 862 \\ \hline \end{array}$$

=

Ñ tōc nānkē tuutō ā nēe 135, ñ maancō 87 a mēnī
110. Tī fē tuutō nēe yē n dē ?

Kofi nnē ū nānkē tēdī ā kódípípē a yē dō n bō yē
yēdē a ī hāanī kúúsí yē h̄innī. ī hāanī 168 bō dī n
baáde h̄innī, a 274 bō dī tūōde h̄innī.

Bē hāanī kóñncō n mōmē ?

Dī ciīkīde baáde yē bontō n dōōncō m̄ tōm̄mū maamú:
ū tēsíkíbu tēndokisī sī n yēdē h̄innī. Dī n baáde
h̄innī be tōtō tīenē 2390, a dī tūōde h̄innī a be tōtā
1735. Be tōtō tīenē āyē kóñncō n mōmē ?

Dī bēñtīde 13

M cátíme (sī pīisi), a m̄ tīemē bō.

-	2 3	1 2
	2	5
		7

-	5 6	1 3
	3	7
	2	6

-	7 8	1 5
	3	9
	4	6

-	4 5	1 7
	3	8
	1	9

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

$$=$$

$$\begin{array}{r} 35 \\ - 18 \\ \hline \end{array}$$

$$=$$

$$\begin{array}{r} 44 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 18 \\ \hline \end{array}$$

=

$$\begin{array}{r} 41 \\ - 35 \\ \hline \end{array}$$

=

$$\begin{array}{r} 76 \\ - 28 \\ \hline \end{array}$$

=

$$\begin{array}{r} 65 \\ - 56 \\ \hline \end{array}$$

=

$$\begin{array}{r} 55 \\ - 18 \\ \hline \end{array}$$

=

$$\begin{array}{r} 83 \\ - 45 \\ \hline \end{array}$$

=

$$\begin{array}{r} 94 \\ - 55 \\ \hline \end{array}$$

=

$$\begin{array}{r} 26 \\ - 13 \\ \hline \end{array}$$

=

$$\begin{array}{r} 38 \\ - 24 \\ \hline \end{array}$$

=

$$\begin{array}{r} 70 \\ - 12 \\ \hline \end{array}$$

=

$$\begin{array}{r} 51 \\ - 43 \\ \hline \end{array}$$

=

$$\begin{array}{r} 43 \\ - 29 \\ \hline \end{array}$$

=

$$\begin{array}{r} 35 \\ - 17 \\ \hline \end{array}$$

=

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

=

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

=

Ū dākūcsō u bāa tēdī m̄ wuome ū káñkānhū a hū nō
dītidi dēnbē 50. A u bāa ā kpénī dītidi dēnbē 12.
Dītidi dēnbē bē n dē kpā ū káñkānhū hīnnī ?

Fietō nne ū nāñke bōkō n tuumú sō ū pāpēnkaímu.
Bē píímo sī pāásī 63, a ne wēñtā a be kūcī sī pāásī
38 kē dāákē hīnnī. Ne be kpāánē pāásī sī n dē ?

Ū kōkōkō u bāa tēdī ū wuóhū a hū dō n nō sī péésī
75. Nne bē cōñcōñbē tōtīmē, sī péésī 46 tōmō n duā.
Sī péésī sī n dē kpā n nō n tōmū ?

Dī bēñtīde 14

M cátíme (sī koosī nne ā tuse), a m tiēmē bō.

4	23	¹ 4	78	¹ 3	8
-	2	1	5	2	3
	2	1	9	5	7

	5	34	¹ 1
-	2	2	5
	3	1	6

23	12	56	14
-	2	3	6
	9	4	8

$$\begin{array}{r} 352 \\ - 218 \\ \hline \end{array}$$

=

$$\begin{array}{r} 463 \\ - 182 \\ \hline \end{array}$$

=

$$\begin{array}{r} 3270 \\ - 2191 \\ \hline \end{array}$$

=

$$\begin{array}{r} 647 \\ - 253 \\ \hline \end{array}$$

=

$$\begin{array}{r} 513 \\ - 226 \\ \hline \end{array}$$

=

$$\begin{array}{r} 2341 \\ - 1170 \\ \hline \end{array}$$

=

$$\begin{array}{r} 848 \\ - 539 \\ \hline \end{array}$$

=

$$\begin{array}{r} 762 \\ - 573 \\ \hline \end{array}$$

=

$$\begin{array}{r} 5854 \\ - 3861 \\ \hline \end{array}$$

=

$$\begin{array}{r} 215 \\ - 124 \\ \hline \end{array}$$

=

$$\begin{array}{r} 395 \\ - 107 \\ \hline \end{array}$$

=

$$\begin{array}{r} 4462 \\ - 925 \\ \hline \end{array}$$

=

$$\begin{array}{r} 483 \\ - 275 \\ \hline \end{array}$$

=

$$\begin{array}{r} 955 \\ - 291 \\ \hline \end{array}$$

=

$$\begin{array}{r} 6419 \\ - 458 \\ \hline \end{array}$$

=

Ñ tōc ñ maanc tēdī dī kūcsicuude n kūcsī tī
nākūđinīñte. Dādoodē bōntīme a sī pōkisī nō 345 n
bō nē cuude hīnnī. A dādōodē dōcsime sī pōkisī kpā
n nō 167. U fún' kuçç pōkisī sī n dē ?

Ū dōbēēhū hítō kadaa n yāādī dome, a nē pōctīme nō
kidomētidi 420. A u tēnī kīdōmētidi 178 a ū dōbēēhū
ā cākidi ū cienu. U kpā kīdōmētidi dēnbē bē n dē n
tāñtā dome ?

2002 bēnde hō hansime, dikcōde nitibē ā ñ nō
17.809, a ketenceeke nō 20.167

Ketenceeke nitibē pantō dikcōde wēbe n mōmē ?

Dī bēñtīde 15 - Í dékítí bōntīme



$$F5 + F5 + F5 + F5 + F5 = F25$$



$$F10 + F10 + F10 + F10 + F10 = F50$$



$$F25 + F25 = F50$$



$$F50 + F50 = F100$$



$$F50 + F50 + F50 + F50 = F200$$



$$F100 + F100 = F200$$



$$100 + 100 + 100 + 100 + 100 = F 500$$



$$F 500 + F 500 = F 1000$$



$$\begin{aligned} & F 1000 \\ & + F 1000 \\ \hline & F 5000 \end{aligned}$$



$$\begin{aligned} & F 5.000 \\ & + F 5.000 \\ \hline & = F 10.000 \end{aligned}$$





$$1 = F 5$$

$$2 = F 10$$

$$3 = F 15$$

$$4 = F 20$$

$$5 = F 25$$

$$6 = F 30$$

$$7 = F 35$$

$$8 = F 40$$

$$9 = F 45$$

$$10 = F 50$$



$$11 = F 55$$

$$12 = F 60$$

$$13 = F 65$$

$$14 = F 70$$

$$15 = F 75$$

$$16 = F 80$$

$$17 = F 85$$

$$18 = F 90$$

$$19 = F 95$$

$$20 = F 100$$

$$6 \rightarrow \boxed{F}$$

$$12 \rightarrow \boxed{F}$$

$$7 \rightarrow \boxed{F}$$

$$\boxed{} \leftarrow F 55$$

$$\boxed{} \leftarrow F 25$$

$$\boxed{} \leftarrow F 40$$

$$13 \rightarrow \boxed{F}$$

$$\boxed{} \leftarrow F 15$$

$$16 \rightarrow \boxed{F}$$

$$\boxed{} \leftarrow F 90$$

Ī dékítí m̄ tōmmū

Ñ cōōtɔ ī dékítí F 5000. Ñ pāatɔ F 3000 n̄ dūa dī cuude dīyē hō hīnnī. Ñ kpā n̄ tēdī sī n dē ?

A n̄ dēetā nē dékítí n cōññā n̄ dékítíkodikε hīnnī n bōkī kē dāāke. Kē dāāke hīnnī a n̄ kpénī ī mōdī F 850. Ne n̄ kpā nn̄e sī n dē ?



A n̄ kótá n kpēnī tī húnte F 225.
Ne n̄ kpā nn̄e sī n dē ?

A n̄ kótá n bōkī dī nīñkūçsicuude n nī n̄ kpēnī :

ū ciebu bū n bā 1	→	F 225
tomāti batíde dī n bā 1	→	+ F 75
buusī bōode dī n bā 1	→	<u>+ F 425</u>
Ñ dēnnɔ sī n dē dī kūçsicuude hīnnī ?	=	

A n̄ hítá n huni dī sēēde. Ne n̄ kpā nn̄e sī n dē n kpénóɔ nyē nē fē n duā ?

Kē dékítípōke

Í yáñkí kūcsicuude hīnnī n̄ kpénōc ī yáñkí ī n tāatē. N̄ nō n pati F 3015. A n̄ dūōnī F 5000. A bε n̄ kósíne m̄ yētīme F 1985.

Bε n̄ fūdī nne n̄ kósíne m̄ yētīme m̄ dékímíime mē n mōmē, yōō tī hāate tī n mōntē ?

Pharmacie Espoir
24 / 03 / 2010

620 F
870 F
1525 F
3015 F

Espèce **5000 F**
Rendu **1985 F**

MERCI

Dítá ya ā n̄ pati a ne n̄ mō kēyē, ā n̄ pati a bε n̄ kósíne a ne n̄ mō kēyē nne bε n̄ kósíne m̄ yētīme a ne nō kēyē.

Pharmacie
Boulevard
15 / 05 / 2010

2350 F
725 F
5450 F
F

Espèce 10.000 F
Rendu F

MERCI

Boutique
21 / 02 / 2010

radio 3250 F
crédit tél. 1000 F
2 cassettes 750 F
lampe 4125 F
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 2500 F
F

Espèce 5.000 F
Rendu F

MERCI

Tī bēm̄mū nne n̄ bēsī tī kúnkúnte.

Ū dōbēeh̄ ; tōnni (ā tuse)

Dī pōode (sī koosī)

Kē kōncuukē (sī pīisī)

Dī sēnkīde (tī dākīte)

1	3	2	8

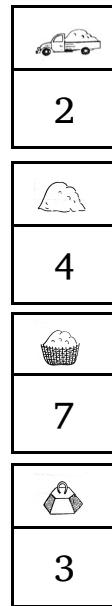
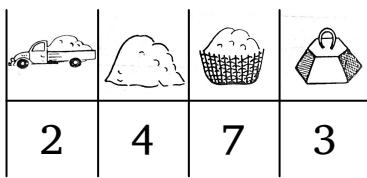
Ū dōbēeh̄ hū n bēsī tī kúnkúnte, tōosime mē n bā (1) nō kidō dī tusidē (**1000**). Be hīinc nēnnē n tē : « Tōnni ». Pōode dī n bā (1) nō kidō kē kooke (**100**). Kē kōncuukē nō kidō kē pīikē (**10**). Dī sēnkīde nō tī dākītē, n nō kidō ū n bā (**1**).

Hinpo bēñno ū kúnkúnte. Ti pēkīnō ū dōbēeh̄ bōnde dī n bā (1) n tīenō. U bēñnā tī n kpā n ya pūoh̄ yē n tāatē (3) a ne kōtā n tīenī. U bēñnā tī n tīenō n ya kōncuusī n yēdē (2) a ti kōtā n tīenī. A u bēñnā tī n tīenō n ya sēnke yē ninyē (8) (tī dākīte). Hinpo kúnkúnte nō :

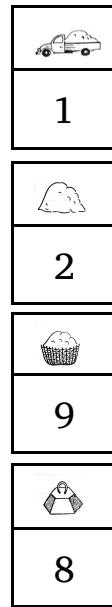
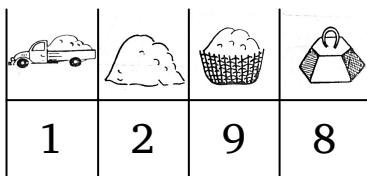
- Kidō tuse yē n dē, tōnni bē n dē ?
- Kidō koosī n dē ?
- Kidō pīisī n dē ?
- Kidō dākīte tī n dē ?

$$\begin{array}{rcl}
 \text{kidō} & 1000 & \rightarrow \text{F } 250.000 \\
 \text{kidō} & + 300 & \rightarrow \text{F } 75.000 \\
 \text{kidō} & + 20 & \rightarrow \text{F } 5.000 \\
 \text{kidō} & + 8 & \rightarrow \text{F } 2.000 \\
 \hline
 \text{kidō} & 1328 & \rightarrow \text{F } 332.000
 \end{array}$$

 kidō 1000	 kidō 100	 kidō 10	 kidō 1
1 F 250 000	1 F 25 000	1 F 2 500	1 F 250
2 F 500 000	2 F 50 000	2 F 5 000	2 F 500
3 F 750 000	3 F 75 000	3 F 7 500	3 F 750
4 F 1 000 000	4 F 100 000	4 F 10 000	4 F 1000
5 F 1 250 000	5 F 125 000	5 F 12 500	5 F 1250
6 F 1 500 000	6 F 150 000	6 F 15 000	6 F 1500
7 F 1 750 000	7 F 175 000	7 F 17 500	7 F 1750
8 F 2 000 000	8 F 200 000	8 F 20 000	8 F 2000
9 F 2 250 000	9 F 225 000	9 F 22 500	9 F 2250



$$\begin{array}{r}
 \rightarrow & 500\,000 \\
 \rightarrow & + 100\,000 \\
 & \hline
 & = 600\,000 \\
 \rightarrow & + 17\,500 \\
 & \hline
 & = 617\,500 \\
 \rightarrow & + 750 \\
 & \hline
 & = 618\,250
 \end{array}$$



$$\begin{array}{r}
 \rightarrow & 250\,000 \\
 \rightarrow & + 50\,000 \\
 & \hline
 & = \\
 \rightarrow & + 22\,500 \\
 & \hline
 & = \\
 \rightarrow & + 2\,000 \\
 & \hline
 & =
 \end{array}$$

3	3	1	5

$$\begin{array}{r}
 \boxed{\text{truck}} \\
 \rightarrow \\
 3 \\
 + \\
 \hline
 = \\
 \end{array}$$

$$\begin{array}{r}
 \boxed{\text{cloud}} \\
 \rightarrow \\
 3 \\
 + \\
 \hline
 = \\
 \end{array}$$

$$\begin{array}{r}
 \boxed{\text{basket}} \\
 \rightarrow \\
 1 \\
 + \\
 \hline
 = \\
 \end{array}$$

$$\begin{array}{r}
 \boxed{\text{bag}} \\
 \rightarrow \\
 5 \\
 + \\
 \hline
 = \\
 \end{array}$$

4	6	3	7

$$\begin{array}{r}
 \boxed{\text{truck}} \\
 \rightarrow \\
 4 \\
 + \\
 \hline
 = \\
 \end{array}$$

$$\begin{array}{r}
 \boxed{\text{cloud}} \\
 \rightarrow \\
 6 \\
 + \\
 \hline
 = \\
 \end{array}$$

$$\begin{array}{r}
 \boxed{\text{basket}} \\
 \rightarrow \\
 3 \\
 + \\
 \hline
 = \\
 \end{array}$$

$$\begin{array}{r}
 \boxed{\text{bag}} \\
 \rightarrow \\
 7 \\
 + \\
 \hline
 = \\
 \end{array}$$

Hijnne bōkō kē dāāke n nī kpēnī ī húnyáñkí n benná tī húnte. U kpenóč m̄ kūōkúómú F 125, ī kēdemaanī F 75, m̄ pāsīm̄me F 350, kē piényónke F 50, a ū sekińsāhāahū F 75. U kpenóč nēyē nē fē nē dékítí kóńnō n mōmē ?

Yaate pūōhō pēétō dokitōdī a ū bītūōbe bōkō n u dōōmō. Ū n bā ā dūōnī ū nītipūōhū F 250 n dū a u kpēnī tī cīēte, ū tōč ā dūōnī F 500. N dū a u kpēnī ū cīebu, a ū tōč ā dūōnī F 1475 n dū a u kpēnī kē bīike nīñte. Nē nītipūōhō cōōtō ī dékítí īyē kóńnō n mōmē ?

Neeka tōō bōnīsī sī n yēdē n bōkō kē dāāke n nī ū kūcī. U kuɔsō kē n bā F 6750 a kē tūōkō F 8500. Ū dékítí ū fē kóńnō n mōmē ?

Sōctō kpenōc i piényáñkí dī yákíkūosicuude a i dékítí nō F 7855. N dēetā ū dékítíhāahu F 10.000 n pati.
U nō n cōotā m̄ yētīme sī n dē ?

Ū cūmēntó u bāa nō n kpēnī ū cūukūctipaane yē n yēdē,
dī kōtide fē nō F 58.000. U kōtā n yūcisi ū dōbēēhu bīesī
F 25.000. U nō n dēnnā sī n dē n yūcisi ū dōbēēhu tennē ?

Niinē ū cūumentó tennē dítō F 112.000 kpēta kē hātikē
ñkē, u nō n pēnnā ū bītōc u bāa wē fē n kpā. Ū bītōc nō n
u dūōnī sī n dē a ne tontá a u yūcisi ū dōbēēhu tennē ?

Tí bēñnā n bootá á tī nī fúdī : Hííní ya m̄ nómme
waadī i n nō m̄mē n i yēsīne m̄ nómme.

8 ninȳ

pīikē m̄ n naasi

pīisī n tāatē m̄ n doodē

pīisī ninȳ m̄ n nummu

koosī n tāatē pīisī n dūo m̄ n doodē

koosī ninȳ pīisī n yēdē m̄ n wēi

tuse yē n yēdē koosī n dūo pīisī n tāatē m̄ ninȳ

M̄ nómme m̄mē hijisī, díétá ya nē nómme sō m̄ fē
waadī n pētinā. 5 _____

13 _____

46 _____

154 _____

562 _____

1250 _____

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