

Gĩrsinəndi āsa gĩ mani gĩ bii gĩ chibne

1



**Maktubu di idi āsa mani
gĩ bii gĩ chibne**

Livre de calcul pour débutants,
en langue soumraye

Gĩrsĩnəndĩ āsa gĩ manĩ gĩ bii gĩ chibne

**Maktubu dĩ idĩ āsa manĩ
gĩ bii gĩ chibne**

Livre de calcul, volume 1

Doumougou, canton Soumraye, Tandjilé-Est
République du Tchad
2024

Langue : chibne (soumraye), parlée dans la sous-préfecture
de Déressia, préfecture de la Tandjilé-Est

Traduction du titre : Apprenons à compter en soumraye !

Genre : matériel didactique – livre de calcul

Illustrations: Oumar Rakis et Mbanji Bawe ERNEST.

3^e édition 2024 (en orthographe révisée, pour le web)

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

Avant – propos

Le document qui est sous vos yeux est un livre de calcul destiné aux locuteurs soumraye qui ont le réel désir de s'instruire en soumraye. Ce livre présente les moyens pratiques d'apprendre à écrire les chiffres. L'apprenant aura à faire usage et de bâtons et de calebasses.

Le livre présente les faits relatifs à l'addition et à la soustraction, opérations auxquelles nous nous limiterons dans ce livre.

Les concepts sont décrits à partir d'images de divers objets afin que le calcul se fasse d'une manière spontanée et non d'une manière abstraite. Cette manière de faire permettra au moniteur :

- de passer plus rapidement de la théorie à la pratique
- de faire participer plus des apprenants

et permettra à l'apprenant à son tour :

- de développer son sens de calculer
- de connaître et de comprendre les différents signes conventionnels
- de maîtriser le mécanisme des deux opérations (addition et soustraction) présentées ici.

Chaque leçon est accompagnée d'exercices d'application et de dessins pour faciliter sa compréhension. Dans le deuxième livre de calcul nous donnerons les notions rudimentaires à l'apprenant de connaître les sept jours de la semaine, les douze mois de l'année et la lecture de la montre. Nous y avons aussi introduit la lecture et le calcul des pièces et des billets de banque.

Aux apprenants soumraye d'en tirer grand bénéfice.

Gilə gi 1

Āsnandi isirandi nə dine

1



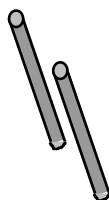
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2



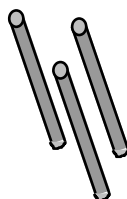
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3



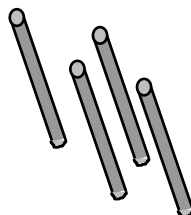
subu



4



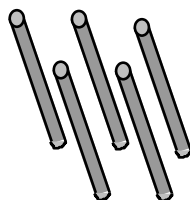
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5



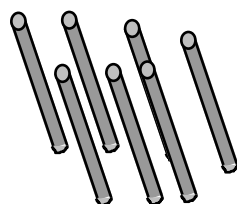
jii



6



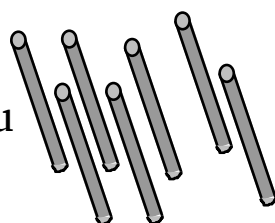
kubi



7



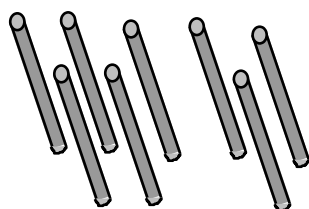
wurgisubu



8



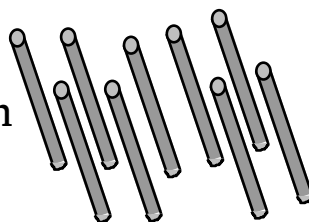
dunasir



9



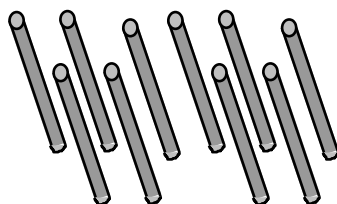
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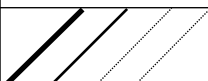
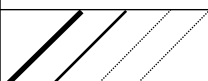
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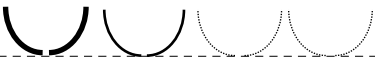
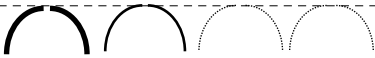
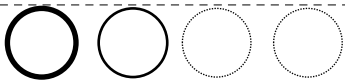
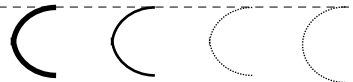
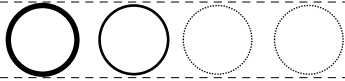
mwaj



Cilangi

**Dogdære nə guring me
nə gi jəgdigi bam me**



Gilə gi 2

1 2

1

min



kulu min

kulu 1

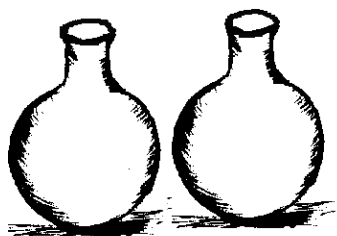
1

1 1 1 1

1 1 1 1

2

sir



gugiləle sir

gugiləle 2

2

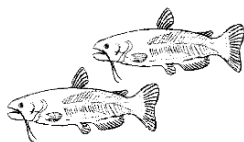
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2 2 2 2

2 2 2 2



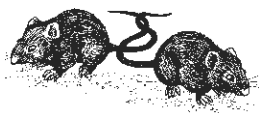
giray



gòche



dogdā



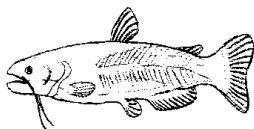
gwame



girade



dwe



dòche



kululi



dine



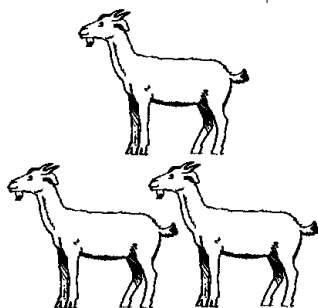
gwama

Gilə gi 3

3 + =

3

subu



bage subu

bage 3

3



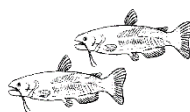
gòche



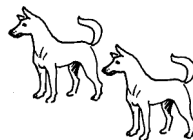
girade



dogdə



gòche



girade

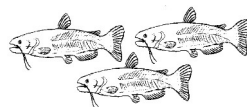
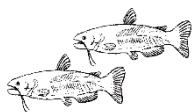
1

+

1

=

2



gòche

2

+

1

=

3



kululi

1

+

2

=



gugilə

1

+

2

=



more

1

+

1

=



bage

2

+

1

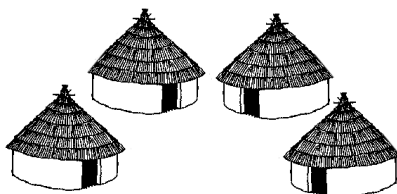
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Gilə gi 4

4

4

wodi



kululi wodi

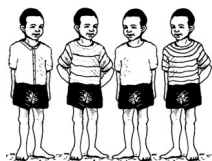
kululi 4

4

L L L L

|||

4 4 4 4



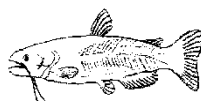
dine



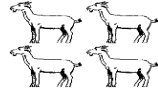
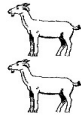
dəgdəre



labje



dòche



bage 2 + 2 = _____



labje 1 + 3 = _____



dogdɔrɛ 3 + 1 = _____



kululi 1 + 2 = _____



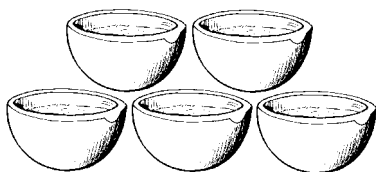
dine 1 + 1 = _____



gwame 2 + 1 = _____

5

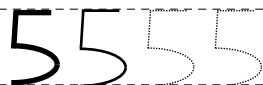
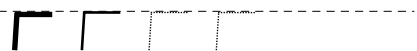
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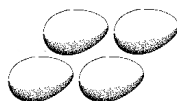
dogdære jii

dogdære 5

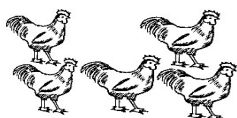
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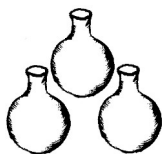
mware



gasa



giraje



gugilə



habde

4

+

1

=



gasa

3

+

2

=



kululi

1

+

4

=



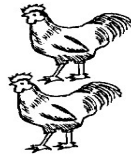
girade

3

+

1

=



giraje

2

+

2

=



labje

1

+

2

=

6

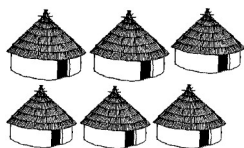
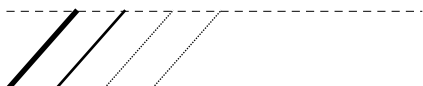
kubi



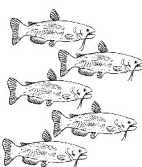
kudiñ kubi

kudiñ 6

6



kululi



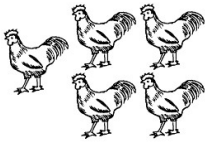
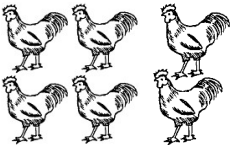
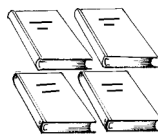
gòche



giraje



gasa

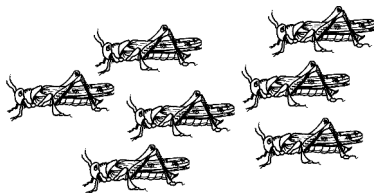
giraje		5	+		1	=		_____
dogdære		4	+		1	=	_____	_____
gasa		3	+		3	=	_____	_____
habde		3	+		2	=	_____	_____
maktubu		4	+		1	=	_____	_____
gina		2	+		4	=	_____	_____

Gilə gi 7

7

7

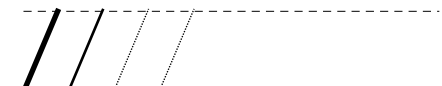
wurgisubu



gagire wurgisubu

gagire 7

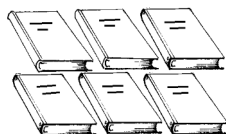
7



dəgdəre



habde

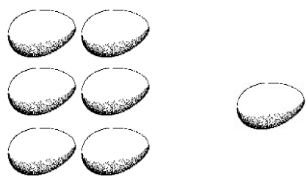


maktubu



kudin

gasa



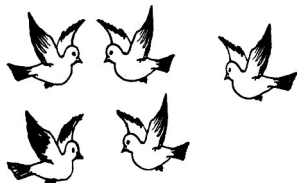
$$6 + 1 = \underline{\quad}$$

gina



$$2 + 3 = \underline{\quad}$$

kogəl



$$4 + 1 = \underline{\quad}$$

habde



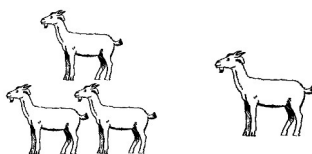
$$5 + 2 = \underline{\quad}$$

jiri



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

bage



$$3 + 1 = \underline{\quad}$$

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

$$4 + 3 = \underline{\quad}$$

$$5 + 1 = \underline{\quad}$$

$$2 + 3 = \underline{\quad}$$

$$1 + 6 = \underline{\quad}$$

$$1 + 4 = \underline{\quad}$$

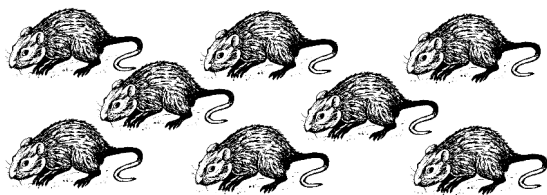
$$2 + 5 = \underline{\quad}$$

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

Gilə gi 8

8

8

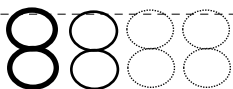


dunasir

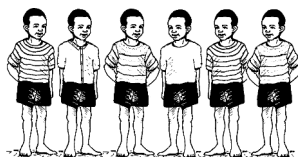
gwame dunasir

gwame 8

8



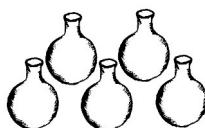
gòche



dine

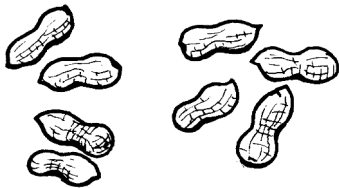


gasa



gugiləle

gina



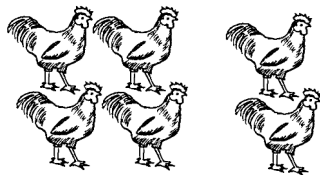
$$4 + 4 = \underline{\quad}$$

jiri



$$3 + 5 = \underline{\quad}$$

giraje



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

habde



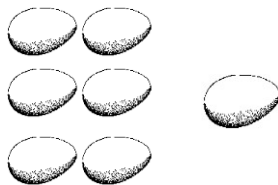
$$6 + 2 = \underline{\quad}$$

jiri



$$2 + 3 = \underline{\quad}$$

gasa



$$6 + 1 = \underline{\quad}$$

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

$$2 + 6 = \underline{\quad}$$

$$5 + 3 = \underline{\quad}$$

$$4 + 3 = \underline{\quad}$$

$$1 + 6 = \underline{\quad}$$

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

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

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

Gilə gi 9

9

9

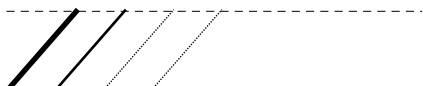


dunamin

marang dunamin

marang 9

9



gina

garu

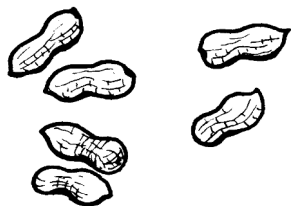


leme



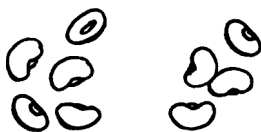
jiri

gina



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

jiri



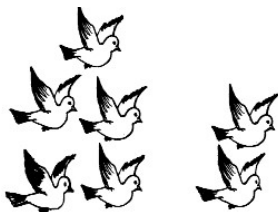
$$5 + 4 = \underline{\quad}$$

dəgdəre



$$2 + 7 = \underline{\quad}$$

kəgəl



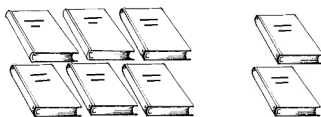
$$5 + 2 = \underline{\quad}$$

girəje



$$3 + 5 = \underline{\quad}$$

maktubu



$$6 + 2 = \underline{\quad}$$

$$3 + 4 = \underline{\quad}$$

$$8 + 1 = \underline{\quad}$$

$$4 + 5 = \underline{\quad}$$

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

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

$$4 + 1 = \underline{\quad}$$

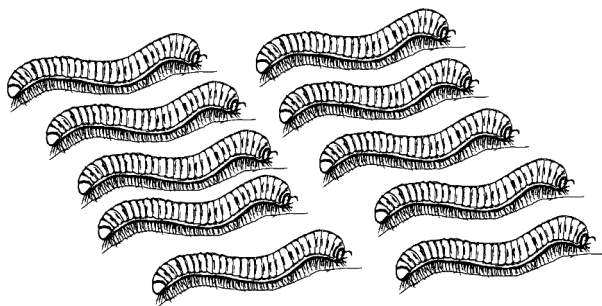
$$3 + 2 = \underline{\quad}$$

$$7 + 2 = \underline{\quad}$$

Gilə gi 10

10

10
mwaj



daŋ mwaj

daŋ 10

10

1111

0000

10 10 10 10



dəgdəre

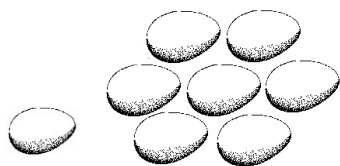
jiri

gina

gubə



gasa



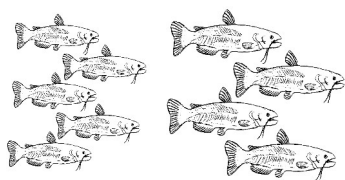
$$1 + 7 = \underline{\quad}$$

habde



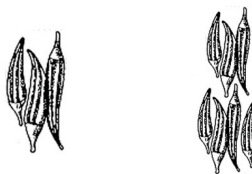
$$5 + 2 = \underline{\quad}$$

gòche



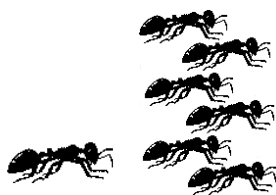
$$5 + 4 = \underline{\quad}$$

garu



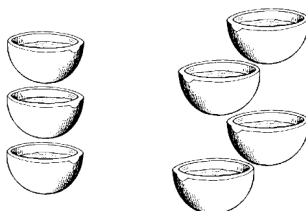
$$3 + 7 = \underline{\quad}$$

marang



$$1 + 6 = \underline{\quad}$$

dɔgdɔre



$$3 + 4 = \underline{\quad}$$

$$7 + 3 = \underline{\quad}$$

$$5 + 4 = \underline{\quad}$$

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

$$3 + 5 = \underline{\quad}$$

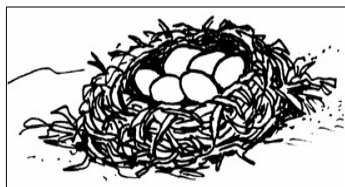
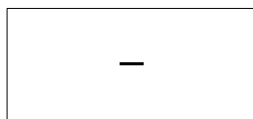
$$3 + 2 = \underline{\quad}$$

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

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

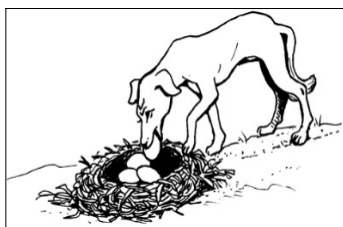
$$9 + 1 = \underline{\quad}$$

Gilə gi 11



$$6 - 3$$

Dure dıma po gasa kubi



me dogdə wom bam subu.



Wor indi mo?

kululi  2 -	 1	= <u> </u>
habde  4 -	 1	= <u> </u>



gasa

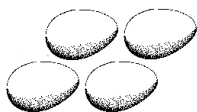
5

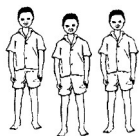
—



1

=





dine

3

—



1

=





marang

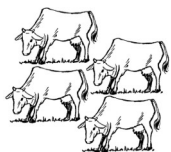
5

—



1

=



labje

4

-



2

=



baje baje

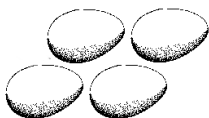
5

—



2

=



gasa

4

—



3

=

0

bədə



Kulu uləl bam, tandi ilə bədə dım.

ilə bədə 0

0



kululi

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



gasa

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



habde

1

—

1

=



bisabe

6

—

4

=



marang

8

—

4

=



labje

6

—

2

=

1.

$$\begin{array}{r} 6 \\ - 3 \\ \hline = \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline = \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline = \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline = \end{array}$$

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

2.

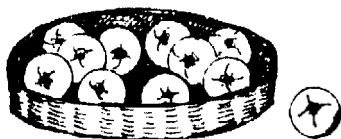
$$\begin{array}{r} 6 \\ + 3 \\ \hline = \end{array}$$

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

$$\begin{array}{r} 9 \\ - 6 \\ \hline = \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline = \end{array}$$

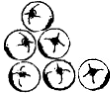
$$\begin{array}{r} 10 \\ - 5 \\ \hline = \end{array}$$



11

mwaj dii min

 10	+	 1	=	 11
 8	+	 3	=	 11
 11	-	 1	=	 10
 11	-	 2	=	 9

 6	+	 5	=	_____
 7	+	 3	=	_____
 10	-	 3	=	_____
 11	-	 5	=	_____

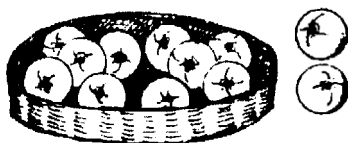
1. 9 6 8 11 7
 +1 +3 +3 +0 +2

 = = = = =
2. 9 6 5 4 10
 +2 +4 +6 +4 +1

 = = = = =
3. 10 11 11 10 11
 -8 -3 -5 -7 -6

 = = = = =
4. 8 11 6 9 10
 -3 -7 -2 -4 -5

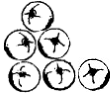
 = = = = =



12

mwaj dii sir

 10	+	 2	=	 12
 7	+	 5	=	 12
 12	-	 1	=	 11
 12	-	 3	=	 9

 6	+	 6	=	_____
 8	+	 3	=	_____
 12	-	 4	=	_____
 11	-	 5	=	_____

1. 8 5 8 11 7
 +3 +3 +4 +1 +2

 = = = = =
2. 9 7 5 8 10
 +3 +4 +2 +4 +1

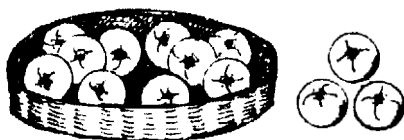
 = = = = =
3. 12 11 12 10 11
 -8 -5 -3 -4 -9

 = = = = =
4. 7 11 9 6 12
 -3 -6 -2 -4 -5

 = = = = =

Gilə gi 15

13



13

mwaj dii subu



10

+



3

=



13



11

+



2

=



13



13

-



1

=



12



13

-



3

=



10

 8	+	 5	=	_____
 11	+	 2	=	_____
 13	-	 3	=	_____
 12	-	 8	=	_____

1.

8
+ 2
=

11
+ 2
=

9
+ 3
=

12
+ 1
=

5
+ 2
=
2.

7
+ 3
=

6
+ 5
=

7
+ 6
=

8
+ 4
=

11
+ 2
=
3.

13
- 3
=

12
- 3
=

10
- 5
=

11
- 6
=

13
- 6
=
4.

7
- 4
=

11
- 9
=

8
- 5
=

9
- 2
=

10
- 9
=



14

mwaj dii wodi

 10	+	 4	=	 14
 12	+	 2	=	 14
 13	-	 1	=	 12
 14	-	 3	=	 11



11

+



3

=



10

+



3

=



12

-



2

=



13

-



4

=

1.	$\begin{array}{r} 9 \\ +5 \\ \hline = \end{array}$	$\begin{array}{r} 8 \\ +3 \\ \hline = \end{array}$	$\begin{array}{r} 7 \\ +4 \\ \hline = \end{array}$	$\begin{array}{r} 12 \\ +2 \\ \hline = \end{array}$	$\begin{array}{r} 7 \\ +6 \\ \hline = \end{array}$
----	--	--	--	---	--

2.	$\begin{array}{r} 9 \\ +2 \\ \hline = \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline = \end{array}$	$\begin{array}{r} 6 \\ +6 \\ \hline = \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline = \end{array}$	$\begin{array}{r} 13 \\ +1 \\ \hline = \end{array}$
----	--	--	--	--	---

3.	$\begin{array}{r} 11 \\ -7 \\ \hline = \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline = \end{array}$	$\begin{array}{r} 14 \\ -3 \\ \hline = \end{array}$	$\begin{array}{r} 14 \\ -7 \\ \hline = \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline = \end{array}$
----	---	---	---	---	---

4.	$\begin{array}{r} 7 \\ -4 \\ \hline = \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline = \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline = \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline = \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline = \end{array}$
----	--	---	--	--	---



15

mwaj bii jii

 10	+	 5	=	 15
 12	+	 3	=	 15
 15	-	 3	=	 12
 14	-	 2	=	 12



11

+



3

=



12

+



3

=



15

-



2

=



15

-



6

=

1.	8	5	9	13	5
	+3	+5	+4	+2	+4
	=	=	=	=	=

2.	3	7	6	9	14
	+4	+5	+5	+6	+1
	=	=	=	=	=

3.	12	11	13	15	10
	-5	-3	-3	-8	-4
	=	=	=	=	=

4.	9	11	8	7	15
	-6	-5	-8	-4	-9
	=	=	=	=	=

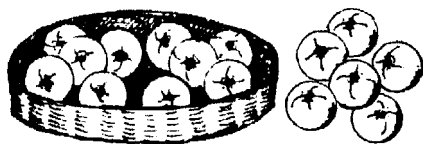
Gila gi 18

16

17

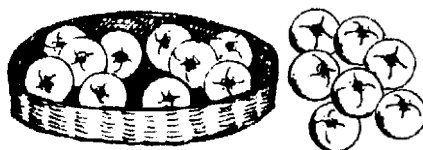
16

mwaj dii kubi



17

mwaj dii wurgisubu



10

+



6

=



16



10

+



7

=



17



16



-



3

=



13



 11	+	 5	=	_____
 14	+	 3	=	_____
 15	-	 1	=	_____
 17	-	 2	=	_____

1. 6 9 8 13 9
 +5 +6 +7 +3 +6
 — — — — —
 = = = = =

2. 9 5 7 8 11
 +5 +5 +3 +4 +5
 — — — — —
 = = = = =

3. 15 12 17 16 13
 -7 -2 -3 -7 -5
 — — — — —
 = = = = =

4. 17 14 9 6 11
 -6 -4 -8 -6 -1
 — — — — —
 = = = = =

Gilə gi 19

18

19

18

mwaj dii dunasir



19

mwaj dii dunamin



10



8

+



18



10



9

+



19



18



5

-

=



13

 12	+	 7	=	_____
 14	+	 5	=	_____
 19	-	 2	=	_____
 17	-	 5	=	_____

1.

14	10	8	12	9
+5	+8	+8	+5	+9
=	=	=	=	=
2.

12	15	16	14	13
+7	+3	+2	+4	+6
=	=	=	=	=
3.

19	18	12	15	12
-7	-9	-7	-8	-2
=	=	=	=	=
4.

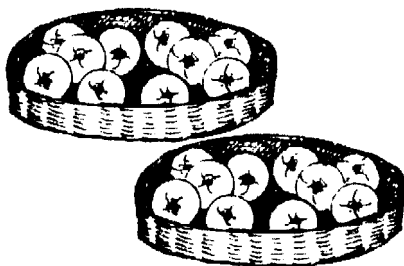
17	12	16	19	17
-9	-6	-2	-1	-7
=	=	=	=	=

Gilə gi 20

20

20

giniñ sir



10

+



10

=



20



11

+



9

=



20



20

-



7

=



13



20

-



4

=



16

 14	+	 6	=	_____
 18	+	 2	=	_____
 14	-	 6	=	_____
 20	-	 7	=	_____

1.	$\begin{array}{r} 9 \\ +5 \\ \hline = \end{array}$	$\begin{array}{r} 10 \\ +9 \\ \hline = \end{array}$	$\begin{array}{r} 14 \\ +5 \\ \hline = \end{array}$	$\begin{array}{r} 12 \\ +8 \\ \hline = \end{array}$	$\begin{array}{r} 13 \\ +7 \\ \hline = \end{array}$
----	--	---	---	---	---

2.	$\begin{array}{r} 9 \\ +6 \\ \hline = \end{array}$	$\begin{array}{r} 15 \\ +5 \\ \hline = \end{array}$	$\begin{array}{r} 8 \\ +6 \\ \hline = \end{array}$	$\begin{array}{r} 12 \\ +4 \\ \hline = \end{array}$	$\begin{array}{r} 11 \\ +1 \\ \hline = \end{array}$
----	--	---	--	---	---

3.	$\begin{array}{r} 17 \\ -7 \\ \hline = \end{array}$	$\begin{array}{r} 19 \\ -2 \\ \hline = \end{array}$	$\begin{array}{r} 20 \\ -5 \\ \hline = \end{array}$	$\begin{array}{r} 15 \\ -3 \\ \hline = \end{array}$	$\begin{array}{r} 11 \\ -0 \\ \hline = \end{array}$
----	---	---	---	---	---

4.	$\begin{array}{r} 13 \\ -4 \\ \hline = \end{array}$	$\begin{array}{r} 16 \\ -5 \\ \hline = \end{array}$	$\begin{array}{r} 18 \\ -3 \\ \hline = \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline = \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline = \end{array}$
----	---	---	---	---	---

Gilə gi 21

10 mwaj	
20 ginin sir	
30 ginin subu	
40 ginin wodi	
50 ginin jii	
60 ginin kubi	
70 ginin wurgisubu	
80 ginin dunasir	
90 ginin dunamin	
100 aru	


 $20 + 10 =$

 30


 $30 + 20 =$

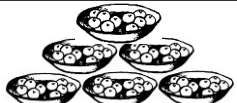
 50


 $40 + 30 =$

 70


 $20 + 30 =$

 50


 $30 + 60 =$

 90

1.

$\begin{array}{r} 20 \\ + 30 \\ \hline = \end{array}$	$\begin{array}{r} 40 \\ + 10 \\ \hline = \end{array}$	$\begin{array}{r} 50 \\ + 20 \\ \hline = \end{array}$	$\begin{array}{r} 60 \\ + 40 \\ \hline = \end{array}$	$\begin{array}{r} 30 \\ + 30 \\ \hline = \end{array}$
---	---	---	---	---

2.

$\begin{array}{r} 40 \\ + 50 \\ \hline = \end{array}$	$\begin{array}{r} 50 \\ + 40 \\ \hline = \end{array}$	$\begin{array}{r} 60 \\ + 30 \\ \hline = \end{array}$	$\begin{array}{r} 80 \\ + 10 \\ \hline = \end{array}$	$\begin{array}{r} 70 \\ + 20 \\ \hline = \end{array}$
---	---	---	---	---

3.

$\begin{array}{r} 90 \\ + 10 \\ \hline = \end{array}$	$\begin{array}{r} 40 \\ + 40 \\ \hline = \end{array}$	$\begin{array}{r} 30 \\ + 20 \\ \hline = \end{array}$	$\begin{array}{r} 60 \\ + 20 \\ \hline = \end{array}$	$\begin{array}{r} 70 \\ + 30 \\ \hline = \end{array}$
---	---	---	---	---

Gilə gi 22

$$\begin{array}{c} \text{Two bowls of 10 beads each} \\ 20 \end{array} + \begin{array}{c} \text{One bowl of 10 beads and five loose beads} \\ 15 \end{array} = \begin{array}{c} \text{Three bowls of 10 beads each and five loose beads} \\ 35 \end{array}$$

$$\begin{array}{c} \text{One bowl of 10 beads} \\ 10 \end{array} + \begin{array}{c} \text{One bowl of 10 beads and five loose beads} \\ 15 \end{array} = \begin{array}{c} \text{Two bowls of 10 beads each and five loose beads} \\ 25 \end{array}$$

$$\begin{array}{c} \text{Three bowls of 10 beads each} \\ 30 \end{array} + \begin{array}{c} \text{One bowl of 10 beads and two loose beads} \\ 12 \end{array} = \begin{array}{c} \text{Four bowls of 10 beads each and two loose beads} \\ 42 \end{array}$$

$$\begin{array}{c} \text{Two bowls of 10 beads each} \\ 20 \end{array} + \begin{array}{c} \text{One bowl of 10 beads and four loose beads} \\ 14 \end{array} = \begin{array}{c} \text{Three bowls of 10 beads each and four loose beads} \\ 34 \end{array}$$

$$\begin{array}{c} \text{Four bowls of 10 beads each} \\ 40 \end{array} + \begin{array}{c} \text{Two bowls of 10 beads each and one loose bead} \\ 21 \end{array} = \underline{\hspace{2cm}}$$

$$\begin{array}{c} \text{Five bowls of 10 beads each} \\ 50 \end{array} + \begin{array}{c} \text{One bowl of 10 beads and three loose beads} \\ 33 \end{array} = \underline{\hspace{2cm}}$$

50 + 37 = _____

60 + 25 = _____

1. $\begin{array}{r} 10 \\ + 6 \\ \hline = \end{array}$ $\begin{array}{r} 20 \\ + 29 \\ \hline = \end{array}$ $\begin{array}{r} 40 \\ + 33 \\ \hline = \end{array}$ $\begin{array}{r} 30 \\ + 24 \\ \hline = \end{array}$ $\begin{array}{r} 60 \\ + 17 \\ \hline = \end{array}$

2. $\begin{array}{r} 40 \\ + 34 \\ \hline = \end{array}$ $\begin{array}{r} 70 \\ + 23 \\ \hline = \end{array}$ $\begin{array}{r} 60 \\ + 15 \\ \hline = \end{array}$ $\begin{array}{r} 40 \\ + 36 \\ \hline = \end{array}$ $\begin{array}{r} 50 \\ + 50 \\ \hline = \end{array}$

3. $\begin{array}{r} 20 \\ + 66 \\ \hline = \end{array}$ $\begin{array}{r} 10 \\ + 38 \\ \hline = \end{array}$ $\begin{array}{r} 60 \\ + 17 \\ \hline = \end{array}$ $\begin{array}{r} 30 \\ + 24 \\ \hline = \end{array}$ $\begin{array}{r} 80 \\ + 18 \\ \hline = \end{array}$

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

Gilə gi 23

$$\begin{array}{c}
 \text{22} + \text{13} = \text{35}
 \end{array}$$

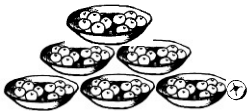
$$\begin{array}{c}
 \text{22} + \text{5} = \text{27}
 \end{array}$$

$$\begin{array}{c}
 \text{33} + \text{2} = \text{35}
 \end{array}$$

$$\begin{array}{c}
 \text{22} + \text{14} = \text{36}
 \end{array}$$

$$\begin{array}{c}
 \text{43} + \text{21} = \underline{\hspace{2cm}}
 \end{array}$$

$$\begin{array}{c}
 \text{50} + \text{32} = \underline{\hspace{2cm}}
 \end{array}$$

 $+$  $=$ _____
 $-$  $=$ _____

- | | | | | | |
|----|---|---|---|---|---|
| 1. | $\begin{array}{r} 11 \\ + 8 \\ \hline = \end{array}$ | $\begin{array}{r} 22 \\ + 27 \\ \hline = \end{array}$ | $\begin{array}{r} 42 \\ + 13 \\ \hline = \end{array}$ | $\begin{array}{r} 33 \\ + 17 \\ \hline = \end{array}$ | $\begin{array}{r} 52 \\ + 25 \\ \hline = \end{array}$ |
| 2. | $\begin{array}{r} 42 \\ + 36 \\ \hline = \end{array}$ | $\begin{array}{r} 50 \\ + 43 \\ \hline = \end{array}$ | $\begin{array}{r} 20 \\ + 66 \\ \hline = \end{array}$ | $\begin{array}{r} 15 \\ + 38 \\ \hline = \end{array}$ | $\begin{array}{r} 62 \\ + 12 \\ \hline = \end{array}$ |
| 3. | $\begin{array}{r} 63 \\ + 21 \\ \hline = \end{array}$ | $\begin{array}{r} 45 \\ + 30 \\ \hline = \end{array}$ | $\begin{array}{r} 37 \\ + 62 \\ \hline = \end{array}$ | $\begin{array}{r} 88 \\ + 14 \\ \hline = \end{array}$ | $\begin{array}{r} 27 \\ + 10 \\ \hline = \end{array}$ |
| 4. | $\begin{array}{r} 32 \\ + 46 \\ \hline = \end{array}$ | $\begin{array}{r} 25 \\ + 53 \\ \hline = \end{array}$ | $\begin{array}{r} 62 \\ + 26 \\ \hline = \end{array}$ | $\begin{array}{r} 33 \\ + 11 \\ \hline = \end{array}$ | $\begin{array}{r} 42 \\ + 17 \\ \hline = \end{array}$ |

Jangina nimirō gi ilā bədə mana gi mani nə gi 'wojigi di didəgi lə:

32 34 35 37 38 39 41 42

46 47 49 50 52 54 56

79 82 84 86 88

Gilə gi 24



$$25 - 12 = 13$$



$$33 - 12 = 21$$



$$47 - 23 = 24$$



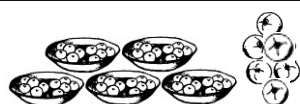
$$53 - 31 = 22$$



$$44 - 14 = \underline{\hspace{2cm}}$$



$$38 + 33 = \underline{\hspace{2cm}}$$



56

—



14

=



45

—



23

=



34

—



21

=

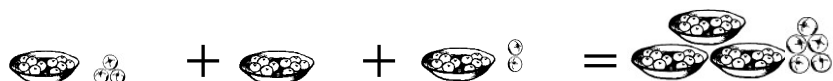
1. 23 25 58 36 49
 — 3 — 10 — 26 — 12 — 27
 = = = = =

2. 39 48 56 55 73
 — 18 — 27 — 13 — 34 — 12
 = = = = =

3. 46 63 84 85 97
 — 33 — 22 — 11 — 14 — 12
 = = = = =

4. 47 83 65 35 77
 — 34 — 33 — 15 — 21 — 32
 = = = = =

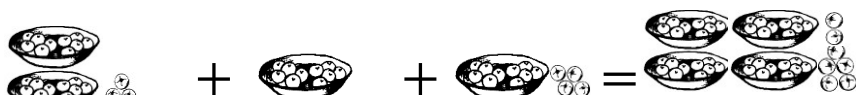
Gilə gi 25



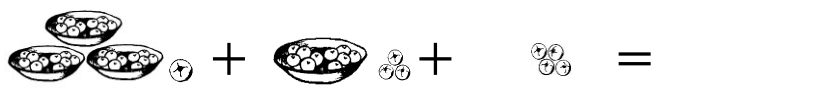
$$13 + 10 + 12 = 35$$



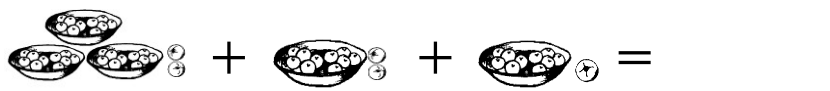
$$22 + 5 + 10 = 37$$



$$23 + 10 + 14 = 47$$



$$31 + 13 + 4 = \underline{\hspace{2cm}}$$



$$32 + 12 + 11 = \underline{\hspace{2cm}}$$



$$22 + 33 + 12 = \underline{\hspace{2cm}}$$


 $11 +$

 $23 +$

 $24 = \underline{\hspace{2cm}}$


 $43 +$

 $20 +$

 $13 = \underline{\hspace{2cm}}$


 $25 +$

 $13 +$

 $32 = \underline{\hspace{2cm}}$

1.

$\begin{array}{r} 23 \\ 13 \\ + 3 \\ \hline = \end{array}$	$\begin{array}{r} 32 \\ 33 \\ + 4 \\ \hline = \end{array}$	$\begin{array}{r} 43 \\ 23 \\ + 13 \\ \hline = \end{array}$	$\begin{array}{r} 15 \\ 52 \\ + 21 \\ \hline = \end{array}$	$\begin{array}{r} 60 \\ 12 \\ + 17 \\ \hline = \end{array}$
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2.

$\begin{array}{r} 72 \\ 10 \\ + 6 \\ \hline = \end{array}$	$\begin{array}{r} 54 \\ 23 \\ + 1 \\ \hline = \end{array}$	$\begin{array}{r} 62 \\ 11 \\ + 20 \\ \hline = \end{array}$	$\begin{array}{r} 23 \\ 34 \\ + 52 \\ \hline = \end{array}$	$\begin{array}{r} 40 \\ 43 \\ + 16 \\ \hline = \end{array}$
--	--	---	---	---

3.

$\begin{array}{r} 65 \\ - 23 \\ \hline = \end{array}$	$\begin{array}{r} 54 \\ - 31 \\ \hline = \end{array}$	$\begin{array}{r} 74 \\ - 42 \\ \hline = \end{array}$	$\begin{array}{r} 44 \\ - 32 \\ \hline = \end{array}$	$\begin{array}{r} 68 \\ - 13 \\ \hline = \end{array}$
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4.

$\begin{array}{r} 37 \\ - 34 \\ \hline = \end{array}$	$\begin{array}{r} 52 \\ - 22 \\ \hline = \end{array}$	$\begin{array}{r} 82 \\ - 21 \\ \hline = \end{array}$	$\begin{array}{r} 99 \\ - 11 \\ \hline = \end{array}$	$\begin{array}{r} 57 \\ - 33 \\ \hline = \end{array}$
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Jagdana mani mana gi nimiro gi bor gi gina min min:

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

