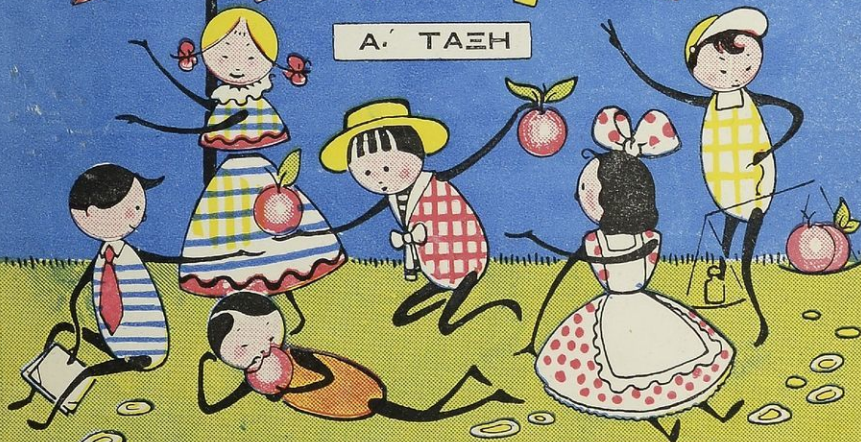


ΑΓΛΑΪΑΣ ΜΕΤΑΛΛΙΝΟΥ

Για να  
μετράμε  
και να  
λογαριάζουμε

Α΄ ΤΑΞΗ



ΕΚΔΟΤΙΚΟΣ ΟΙΚΟΣ "ΑΘΗΝΑ"

ΕΥΡΙΠΙΔΟΥ-6-ΑΘΗΝΑΙ

Λένω

**ΑΓΛΑΪΑΣ ΜΕΤΑΛΛΙΝΟΥ**

---

Επίτ

**ΓΙΑ ΝΑ ΜΕΤΡΑΜΕ  
ΚΑΙ ΝΑ ΛΟΓΑΡΙΑΖΟΥΜΕ**

**Τεύχος Α'**

**Γιά την Α' Τάξη**

**Εικονογράφηση Π. Τέρρα**

**Έκδοτης: Α. Ι. Ράλλης — Εύριπίδου 6 ΑΘΗΝΑΙ 1950**

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ

ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ

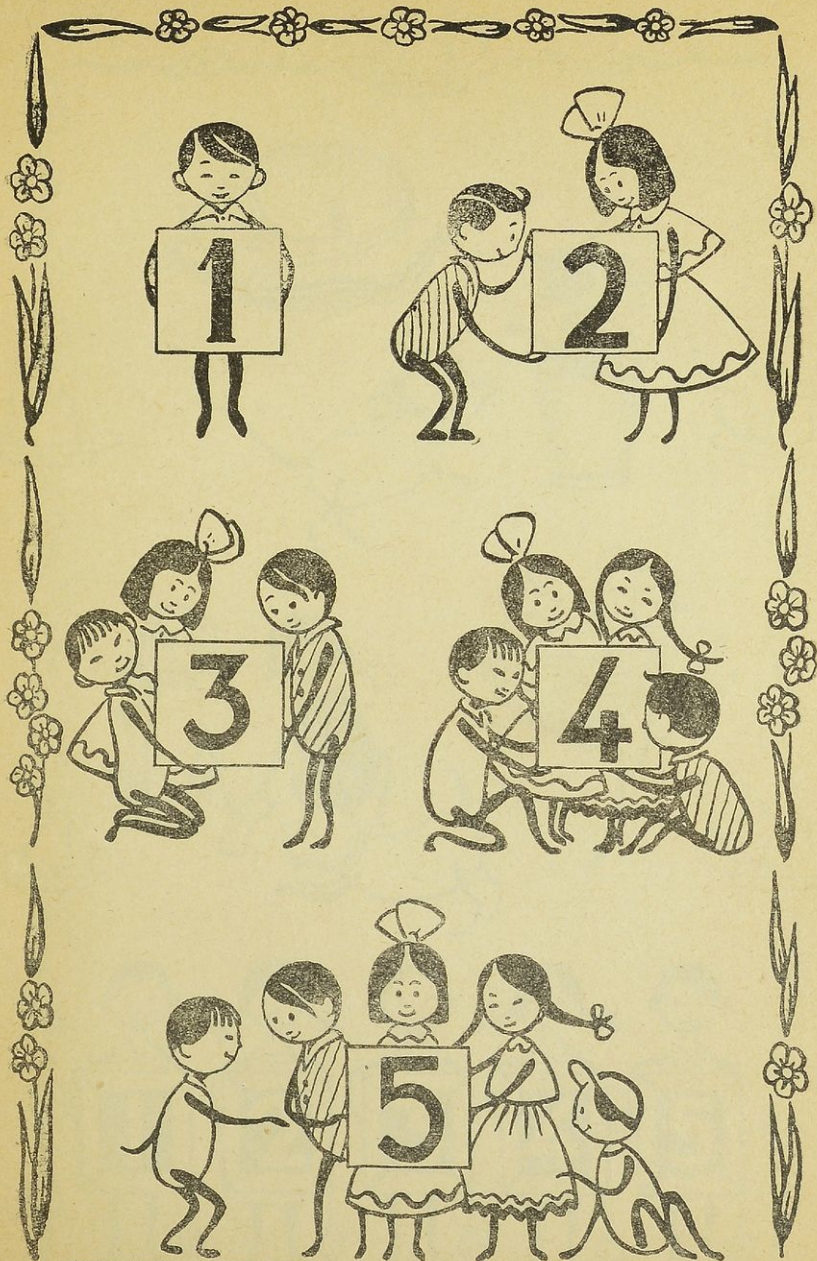
ΚΕΝΤΡΟ ΕΡΕΥΝΑΣ ΕΚΠΑΙΔΕΥΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ

ΕΡΕΥΝΑ

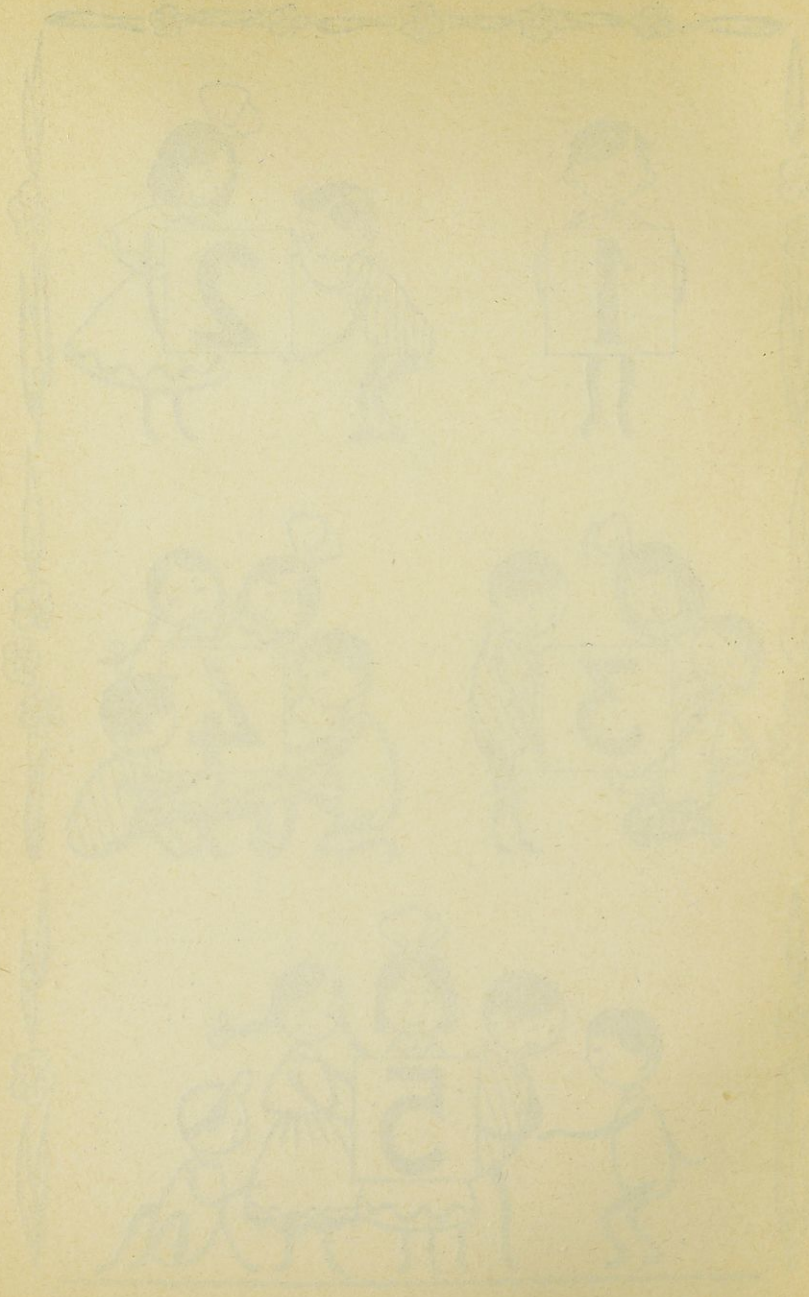
ΕΚΠΑΙΔΕΥΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ

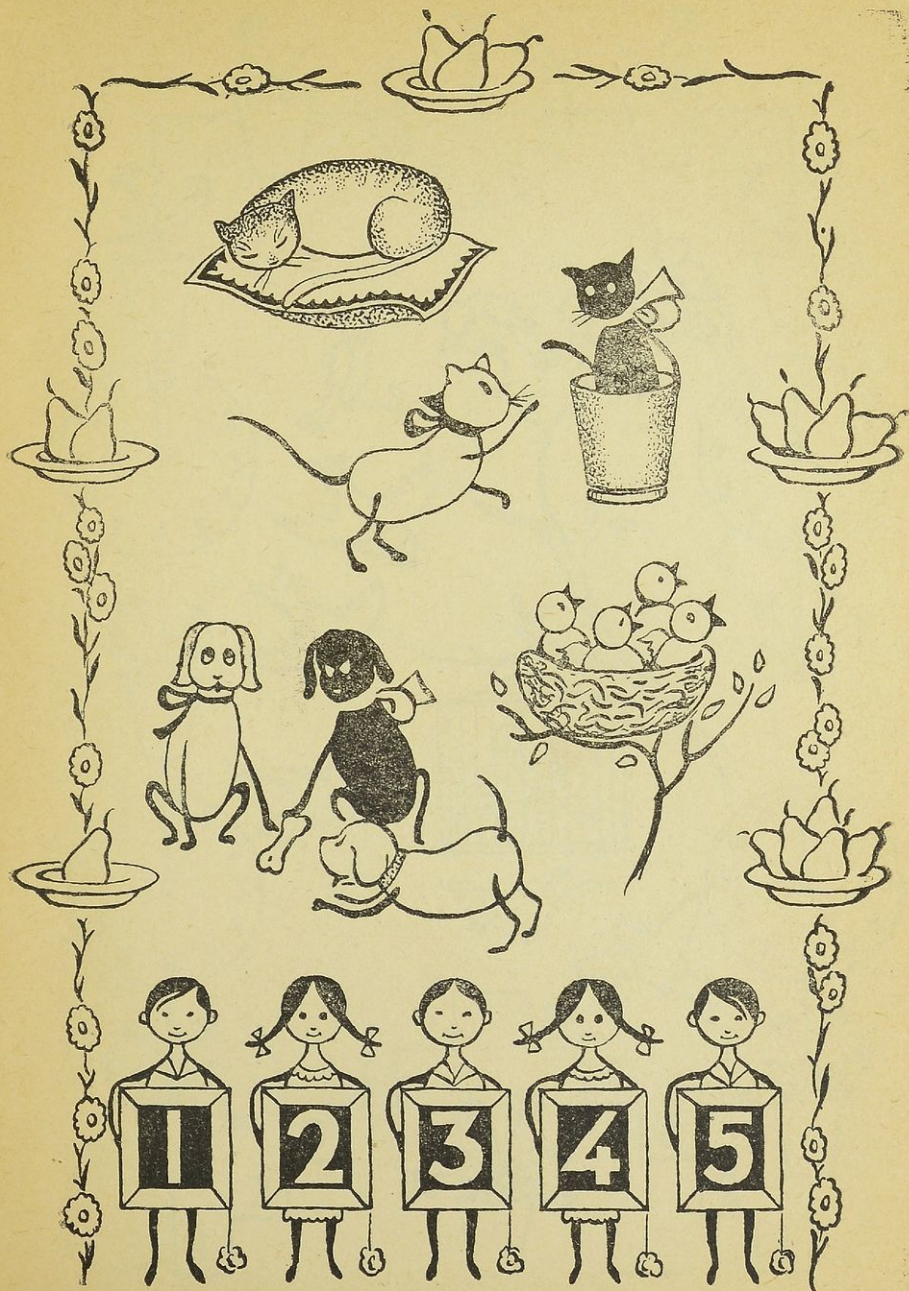
ΕΠΙΣΤΗΜΟΝΙΚΟ ΚΕΝΤΡΟ

ΕΠΙΣΤΗΜΟΝΙΚΟ ΚΕΝΤΡΟ ΕΚΠΑΙΔΕΥΤΙΚΗΣ ΠΟΛΙΤΙΚΗΣ



Τὰ παιδιά με τις καρτέλλες  
Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής



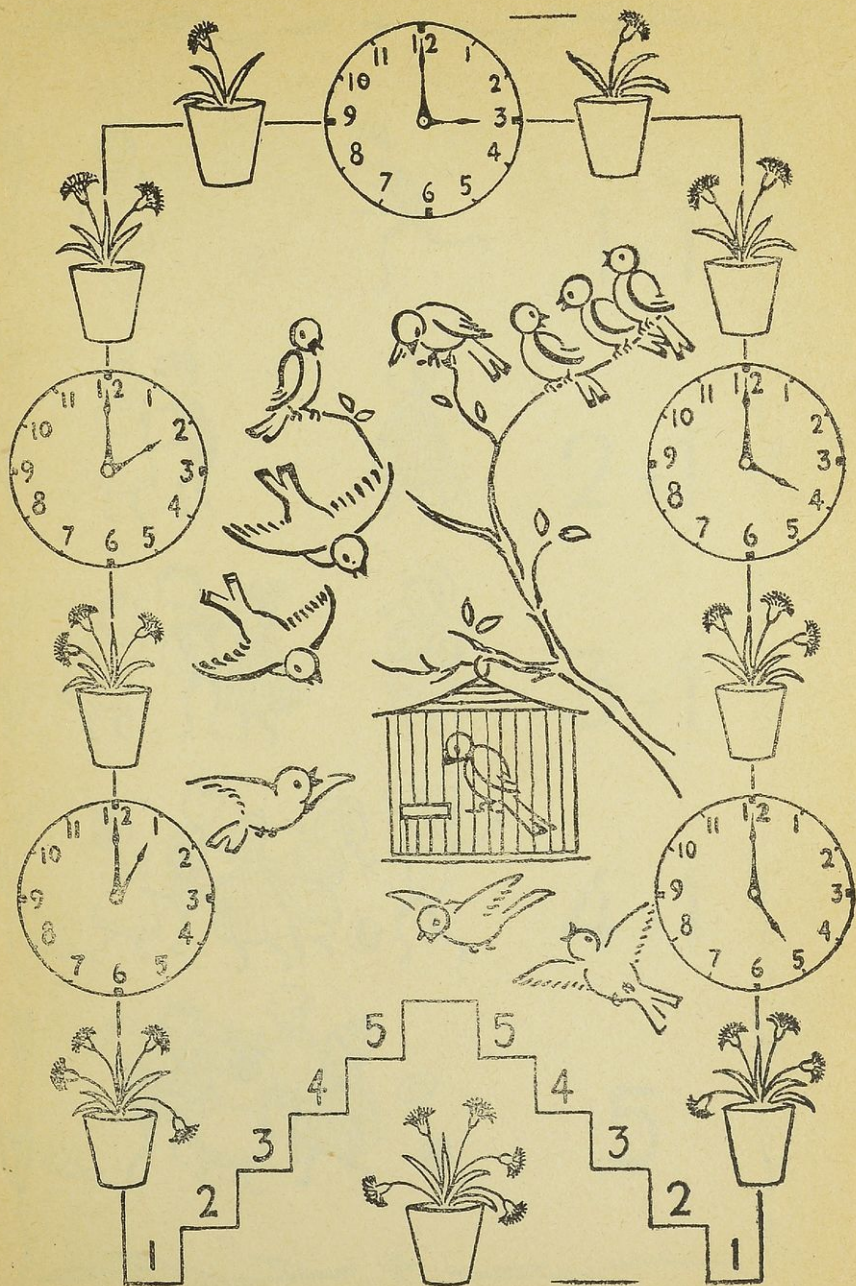


Ένα - δύο - τρία - τέσσερα - πέντε

Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής







**Πουλάκια, γλάστρες, ρολόγια**

Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής

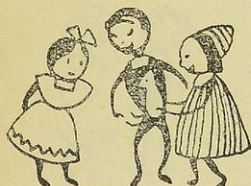




$1 + 1$



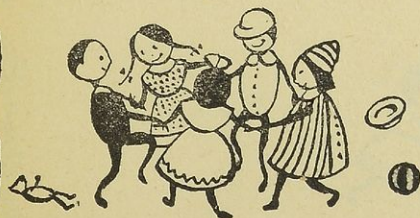
$2 + 1$



$3 + 1$



$4 + 1$

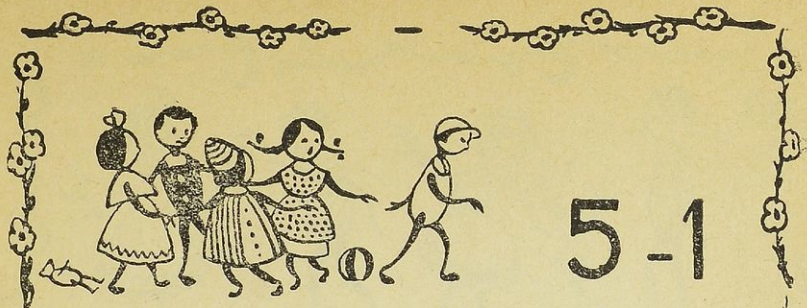


$5$

Τὰ γειτονόπουλα χο

Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής





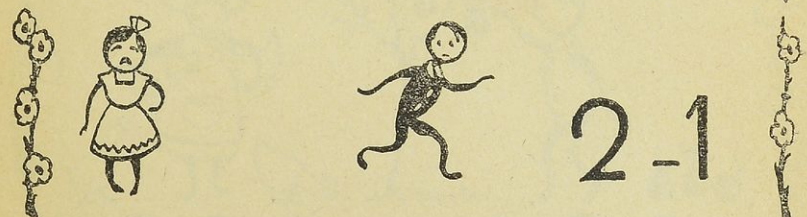
5-1



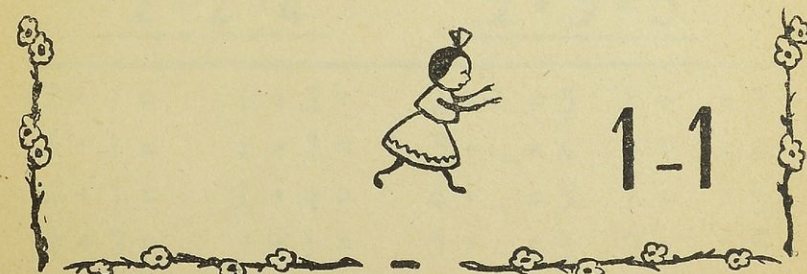
4-1



3-1



2-1



1-1

Τὰ γειτονόπουλα μαλώνουν

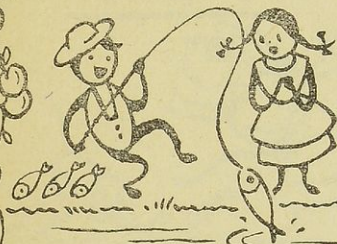




$$1 + 1 = 2$$



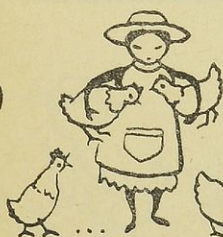
$$1 + 2 = 3$$



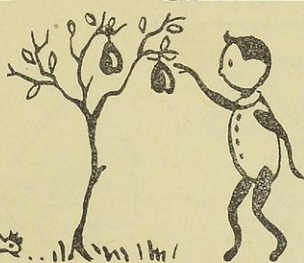
$$1 + 3 = 4$$



$$1 + 4 = 5$$



$$2 + 2 = 4$$



$$2 + 3 = 5$$

$2 + 1 =$

$1 + 2 =$

$2 + . = 3$

$1 + . = 3$

$3 + 1 =$

$1 + 3 =$

$3 + . = 4$

$2 + . = 4$

$4 + 1 =$

$1 + 4 =$

$4 + . = 5$

$1 + . = 5$

$2 + 2 =$

$1 + 1 =$

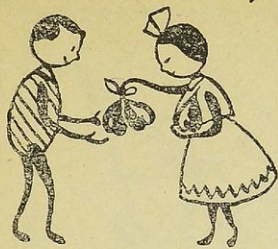
$3 + . = 5$

$2 + . = 5$

### Προβληματάκια με πρόσθεση



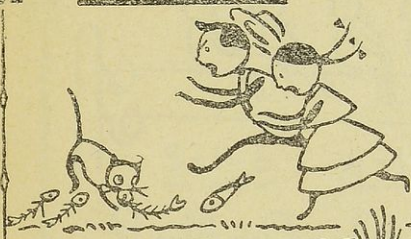




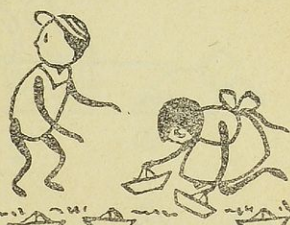
$$3 - 2 = 1$$



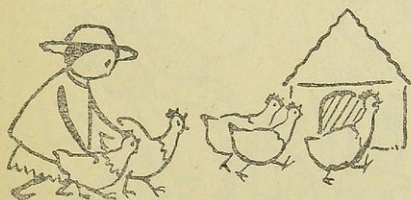
$$4 - 2 = 2$$



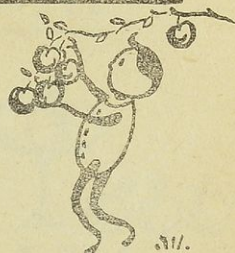
$$4 - 3 = 1$$



$$5 - 2 = 3$$



$$5 - 3 = 2$$



$$5 - 4 = 1$$

$5 - 1 =$

$5 - 4 =$

$5 - \cdot = 3$

$5 - \cdot = 2$

$4 - 1 =$

$4 - 3 =$

$4 - \cdot = 1$

$4 - \cdot = 3$

$3 - 1 =$

$3 - 2 =$

$3 - \cdot = 1$

$3 - \cdot = 2$

$2 - 1 =$

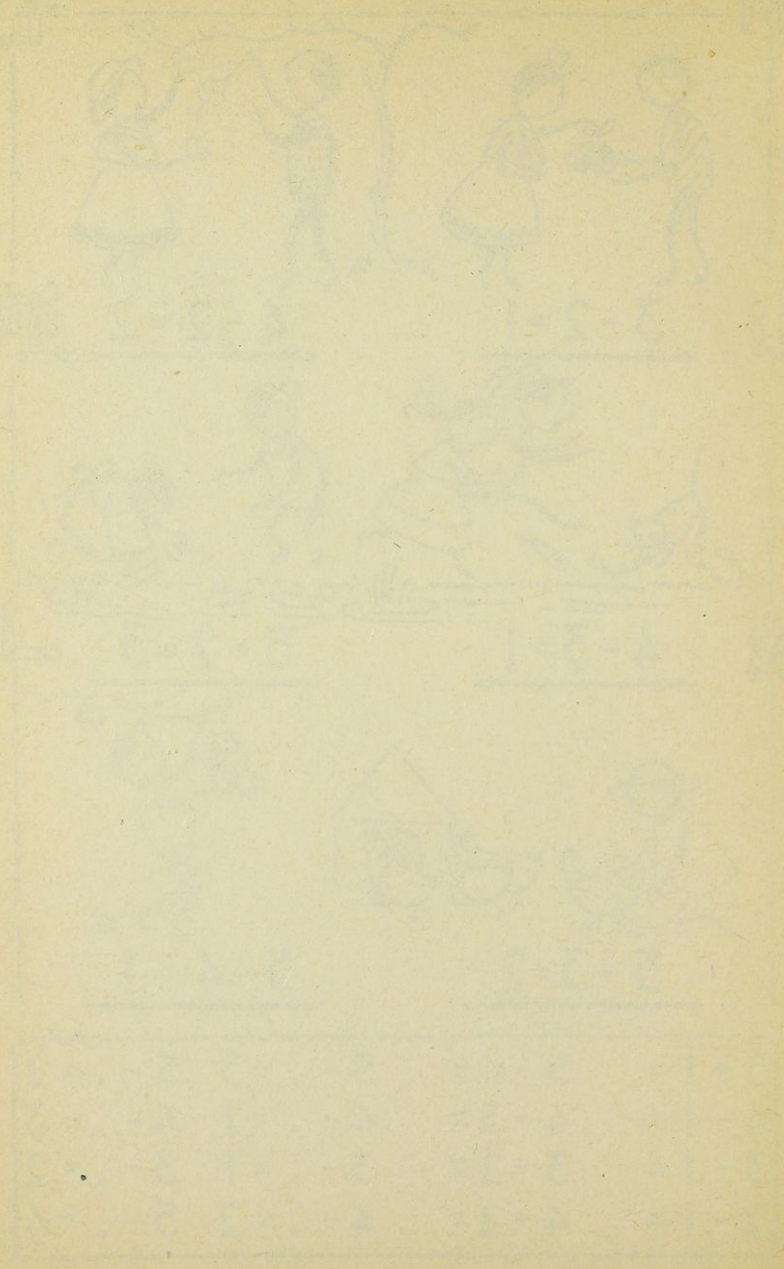
$4 - 2 =$

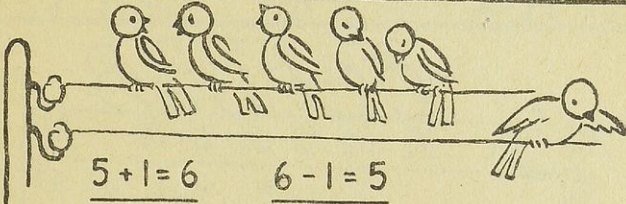
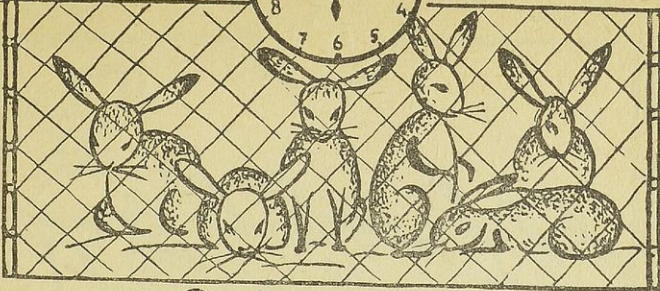
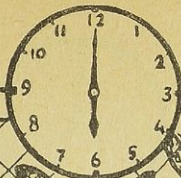
$4 - \cdot = 2$

$5 - \cdot = 4$

## Προβλημάκια μ' αφαίρεση

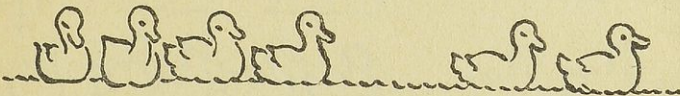
Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής





$$5 + 1 = 6$$

$$6 - 1 = 5$$

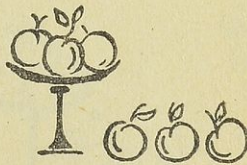


$$4 + 2 = 6$$

$$6 - 2 = 4$$



$$2 + 2 + 2 = 6$$



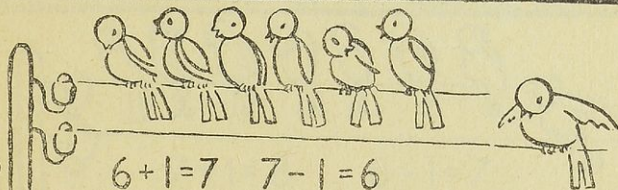
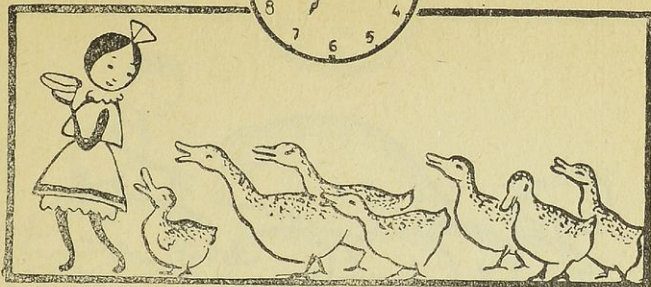
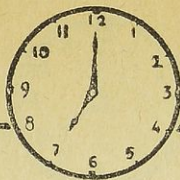
$$3 + 3 = 6$$

$$6 - 3 = 3$$

$2 = 1 + 1$	$4 = 2 + 2$	$6 - 2 =$	$6 - . = 5$
$3 = 2 + 1$	$5 = 4 + 1$	$6 - 4 =$	$6 - . = 1$
$4 = 3 + 1$	$5 = 3 + 2$	$6 - 5 =$	$6 - . = 3$

“ΕΞΗ ΚΟΥΝΕΛΙΑ



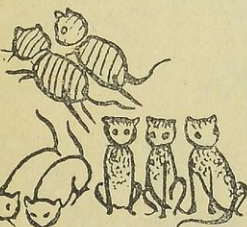


$$6 + 1 = 7 \quad 7 - 1 = 6$$

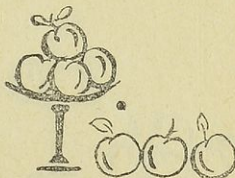


$$5 + 2 = 7$$

$$7 - 2 = 5$$



$$3 + 2 + 2 = 7$$

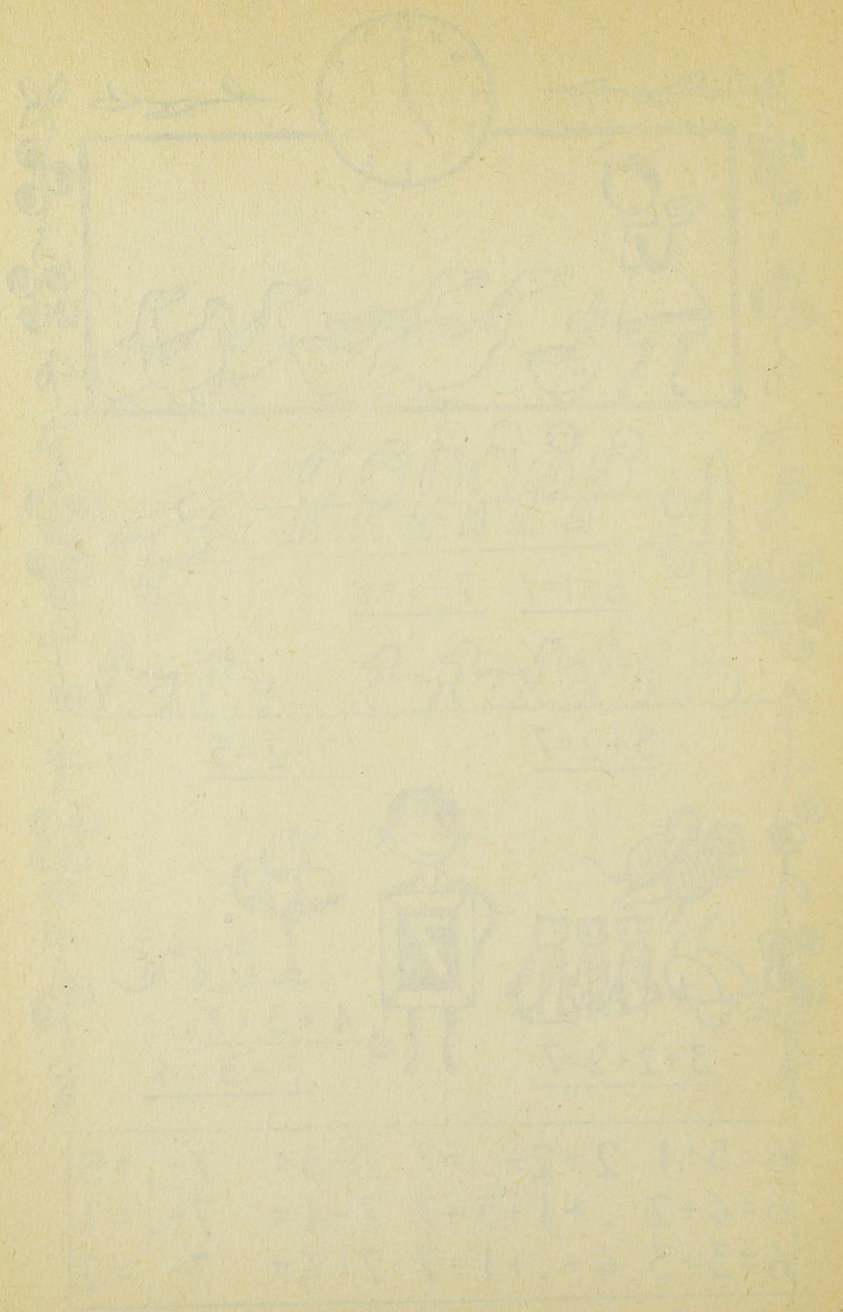


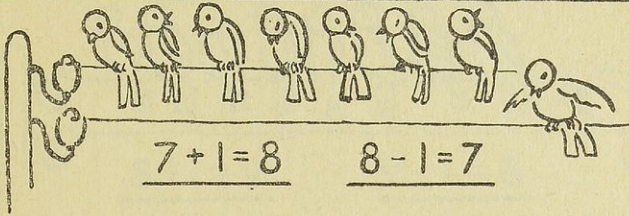
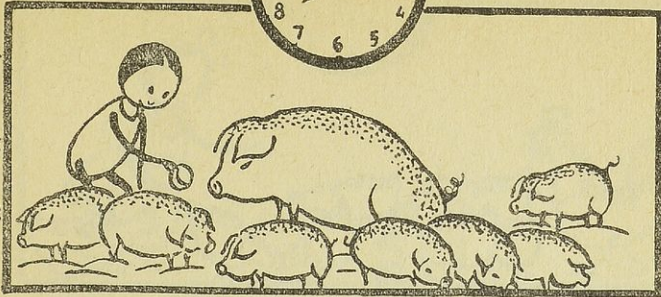
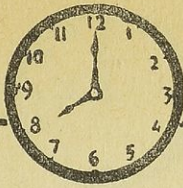
$$4 + 3 = 7$$

$$7 - 3 = 4$$

$6 = 5 + 1$	$2 + 2 + . = 7$	$7 - 3 =$	$7 - . = 5$
$6 = 4 + 2$	$. + 1 + 5 = 7$	$7 - 1 =$	$7 - . = 1$
$6 = 3 + 3$	$4 + . + 1 = 7$	$7 - 4 =$	$7 - . = 2$

### Έφτά χήνες





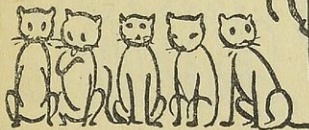
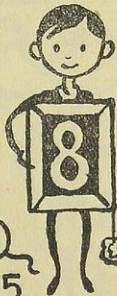
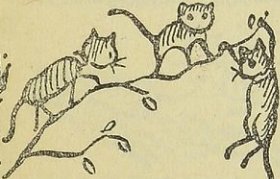
$$7 + 1 = 8$$

$$8 - 1 = 7$$



$$6 + 2 = 8$$

$$8 - 2 = 6$$



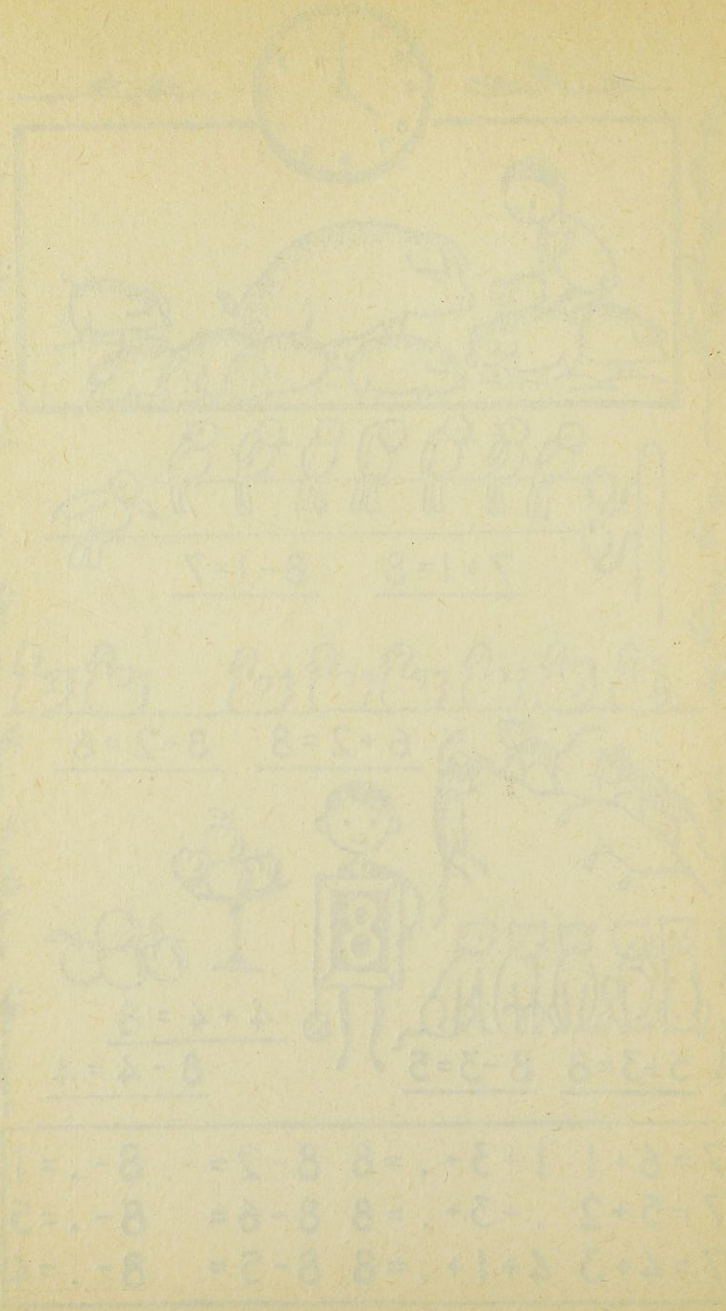
$$4 + 4 = 8$$

$$8 - 4 = 4$$

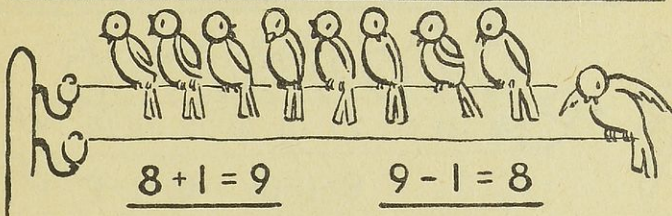
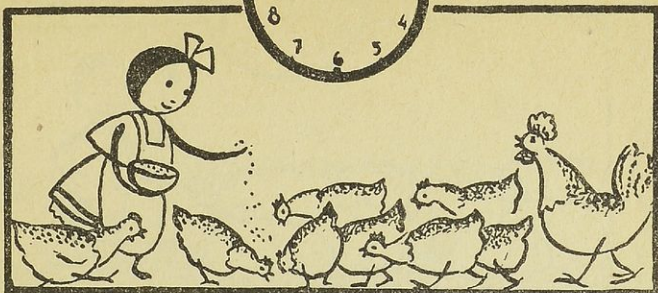
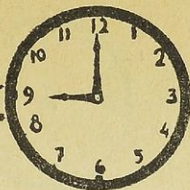
$$5 + 3 = 8$$

$$8 - 3 = 5$$

$7 = 6 + 1$	$1 + 3 + \dots = 8$	$8 - 2 =$	$8 - \dots = 1$
$7 = 5 + 2$	$\dots + 3 + \dots = 8$	$8 - 6 =$	$8 - \dots = 5$
$7 = 4 + 3$	$4 + 1 + \dots = 8$	$8 - 5 =$	$8 - \dots = 4$







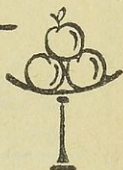
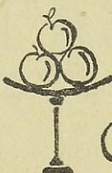
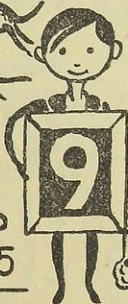
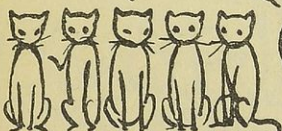
$$8 + 1 = 9$$

$$9 - 1 = 8$$



$$7 + 2 = 9$$

$$9 - 2 = 7$$



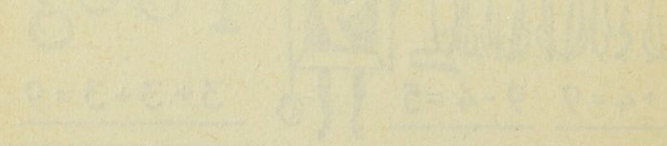
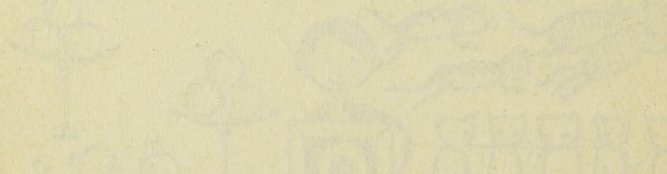
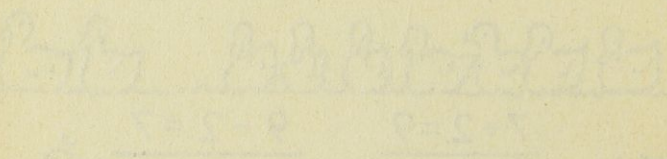
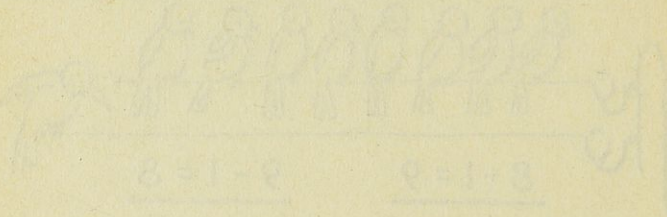
$$5 + 4 = 9$$

$$9 - 4 = 5$$

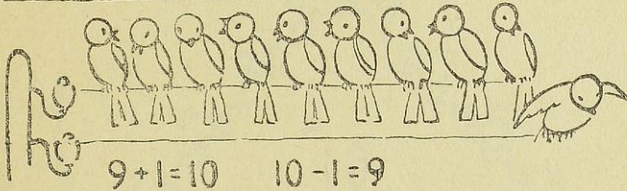
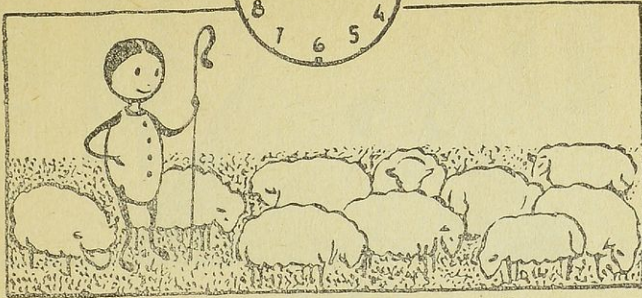
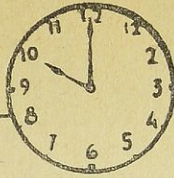
$$3 + 3 + 3 = 9$$

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

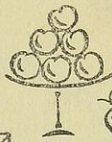
### Έννια κότουλες



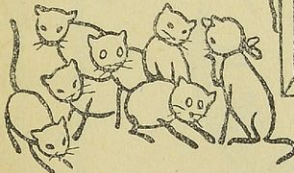
8-9	9-10	10-11	11-12	12-13
9-10	10-11	11-12	12-13	13-14
10-11	11-12	12-13	13-14	14-15
11-12	12-13	13-14	14-15	15-16



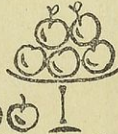
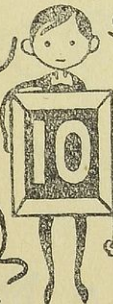
$$8 + 2 = 10 \quad 10 - 2 = 8$$



$$6 + 4 = 10 \quad 10 - 4 = 6$$



$$7 + 3 = 10 \quad 10 - 3 = 7$$

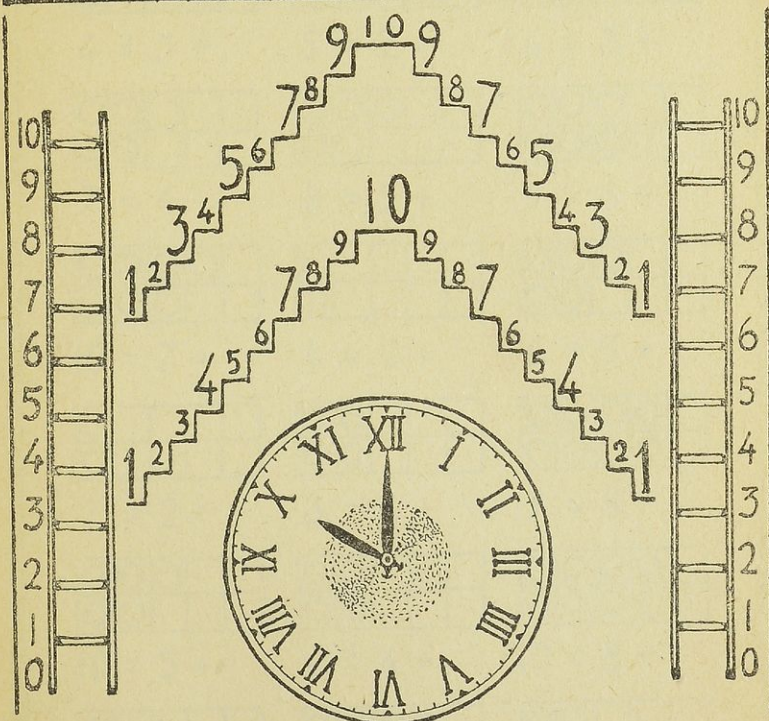
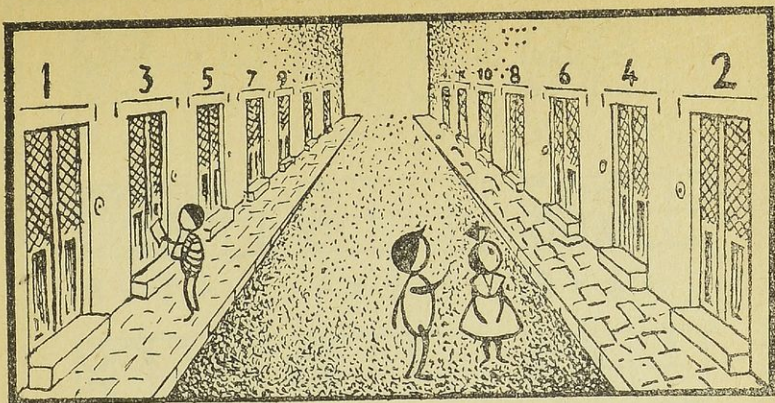


$$5 + 5 = 10 \quad 10 - 5 = 5$$

$9 = 8 + 1$	$. + 5 + 2 = 10$	$10 - . = 6$	$10 - 5 =$
$9 = 7 + 2$	$6 + . + 1 = 10$	$10 - . = 2$	$10 - 6 =$
$9 = 6 + 3$	$. + . + 3 = 10$	$10 - . = 9$	$10 - 8 =$
$9 = 5 + 4$	$2 + . + . = 10$	$10 - . = 7$	$10 - 7 =$

### Δέκα πρόβατα



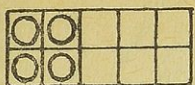


I	II	III	IIII	V	VI	VII	VIII	IX	X
1	2	3	4	5	6	7	8	9	10

**Μονοί και ζυγοί αριθμοί**

Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής





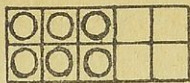
$5 = 4 +$



$3 = 2 +$



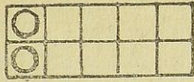
$2 = 1 +$



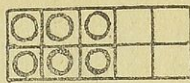
$7 = 6 +$



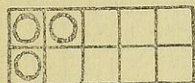
$8 = 7 +$



$9 = 2 +$



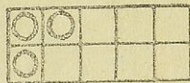
$10 = 6 +$



$4 = 3 +$



$5 = 2 +$



$6 = 3 +$



$7 = 4 +$



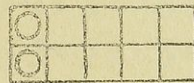
$8 = 5 +$



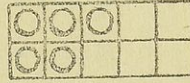
$9 = 6 +$



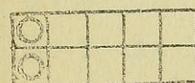
$10 = 7 +$



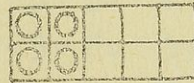
$4 = 2 +$



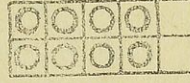
$6 = 5 +$



$7 = 2 +$



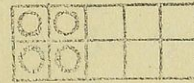
$8 = 4 +$



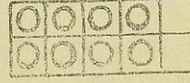
$9 = 8 +$



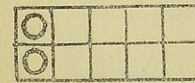
$10 = 5 +$



$6 = 4 +$



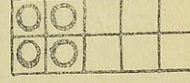
$10 = 8 +$



$8 = 2 +$



$10 = 9 +$

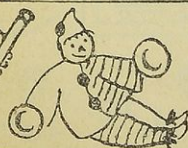
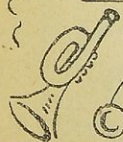
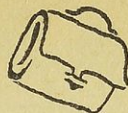
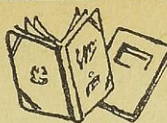
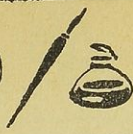
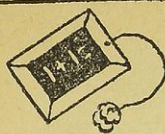


$9 = 4 +$

Οι κύκλοι με τὰ τετραγώνια

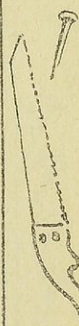
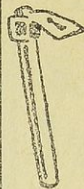






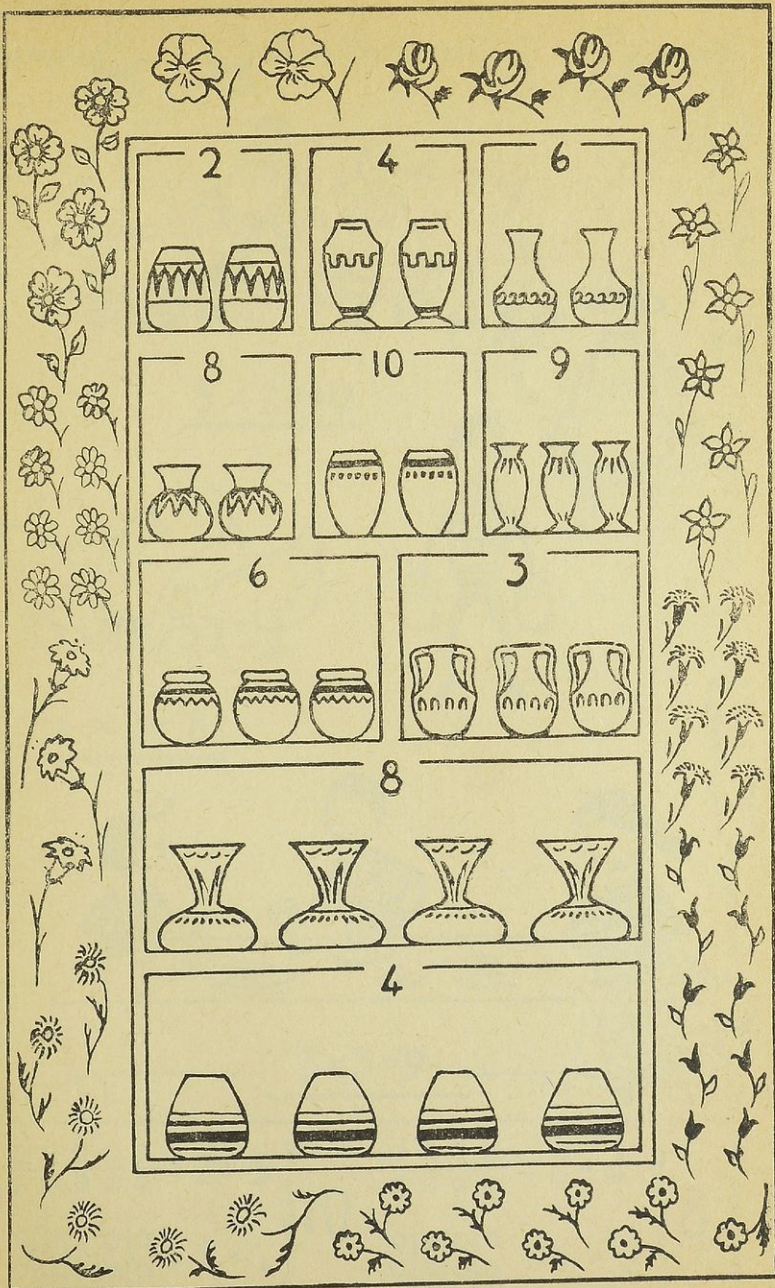
8=	7	3	10	1	5	6	9	4	2	8	=5
5=	10	9	6	2	4	3	7	5	8	1	=9
2=	8	2	7	3	1	9	6	10	4	5	=1
10=	1	5	3	4	3	8	10	9	7	6	=6
7=	3	7	8	5	9	1	2	6	10	4	=2
3=	6	4	5	8	10	2	1	3	9	7	=7
6=	2	8	9	6	3	7	4	1	5	10	=10
1=	9	6	4	10	7	5	3	8	1	2	=4
4=	5	10	1	7	6	4	8	2	3	9	=8
9=	4	1	2	9	8	10	5	7	6	3	=3

$2+2-3=$      $9-4+3=$      $6+.+1=9$   
 $5+3-4=$      $10-3+2=$      $5+4-. =8$   
 $7+2-5=$      $6-5+3=$      $7-5+. =4$   
 $6+4-3=$      $4-3+6=$      $4+.+3=9$   
 $8+1-4=$      $8-5+7=$      $3+5-. =4$   
 $6-4+1=$      $8-2-5=$      $3+.+4=10$   
 $7-2+3=$      $5+1+2=$      $4-3+. =6$   
 $8-4-3=$      $3+4+3=$      $5-3+. =10$   
 $9-2+3=$      $2+3+5=$      $.+5+. =9$   
 $10-3-4=$      $10-4-2=$      $.+2+. =7$

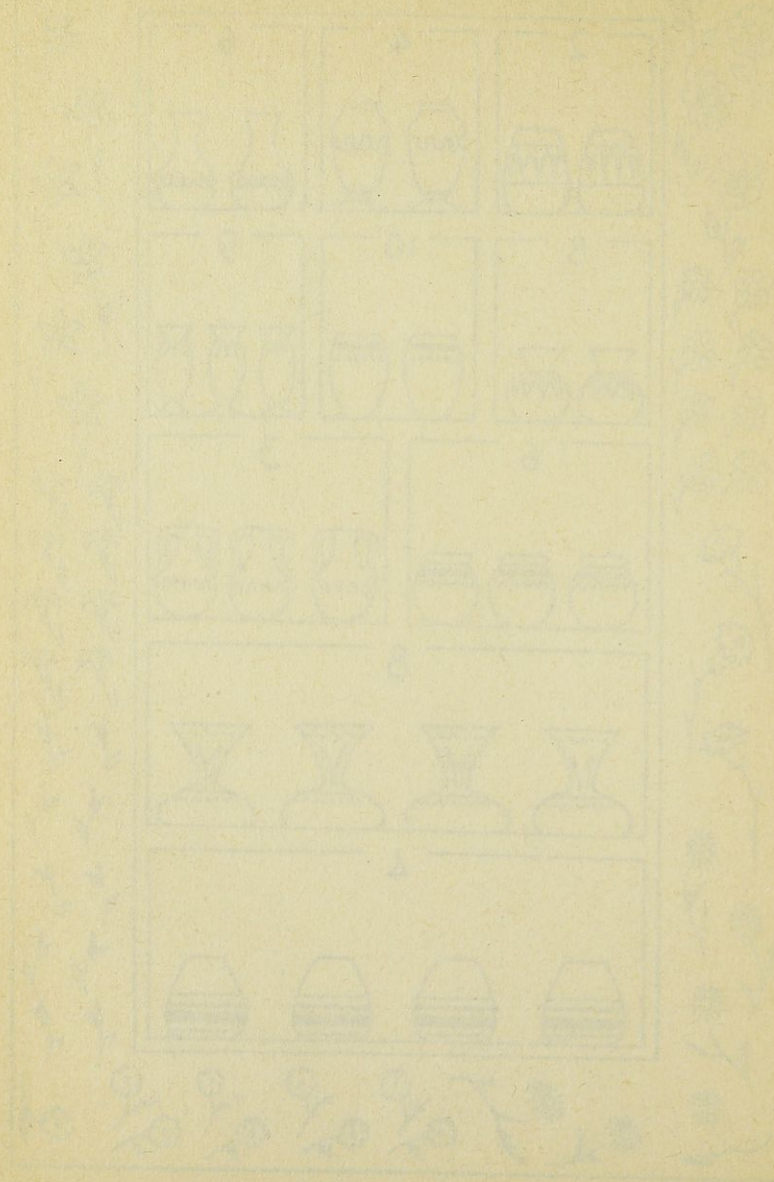


## Διάλεγε και λογάριάζε





## Λουλούδια στα βάζα



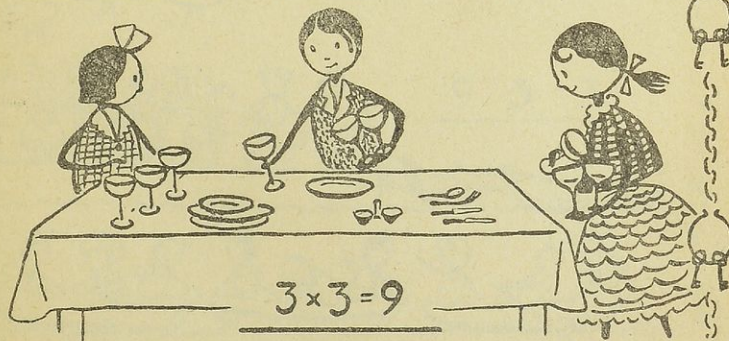
ΕΡΕΥΝΑ ΚΑΙ ΕΚΔΟΣΗ



$$\underline{5 \times 2 = 10}$$



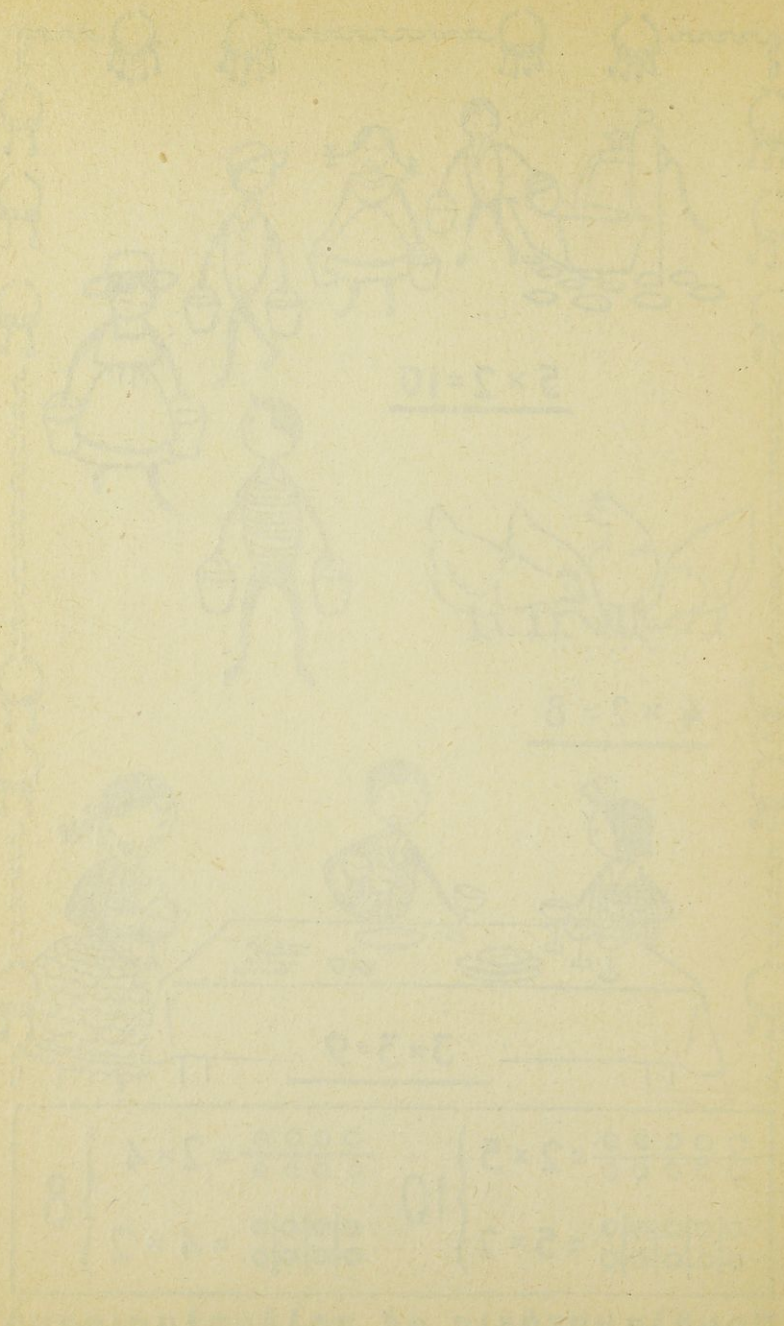
$$\underline{4 \times 2 = 8}$$

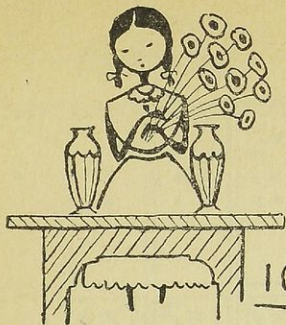


$$\underline{3 \times 3 = 9}$$

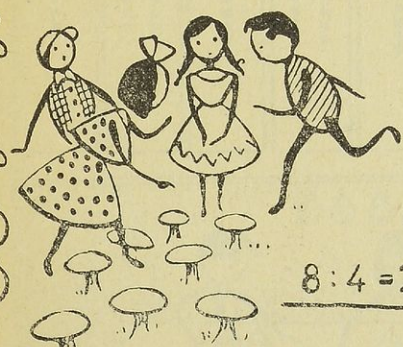
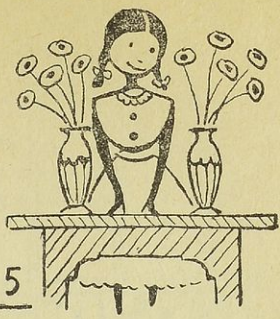
$\frac{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}}{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}} = 2 \times 5$	} 10	$\frac{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}}{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}} = 2 \times 4$	} 8
$\frac{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}}{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}} = 5 \times 2$		$\frac{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}}{\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}} = 4 \times 2$	

**Προβληματάκια με πολλαπλασιασμό**

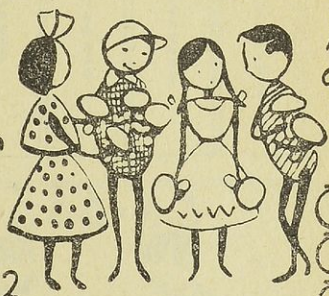




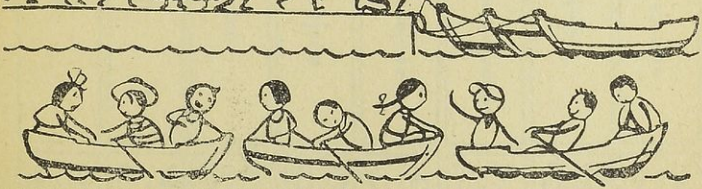
$$10 : 2 = 5$$



$$8 : 4 = 2$$



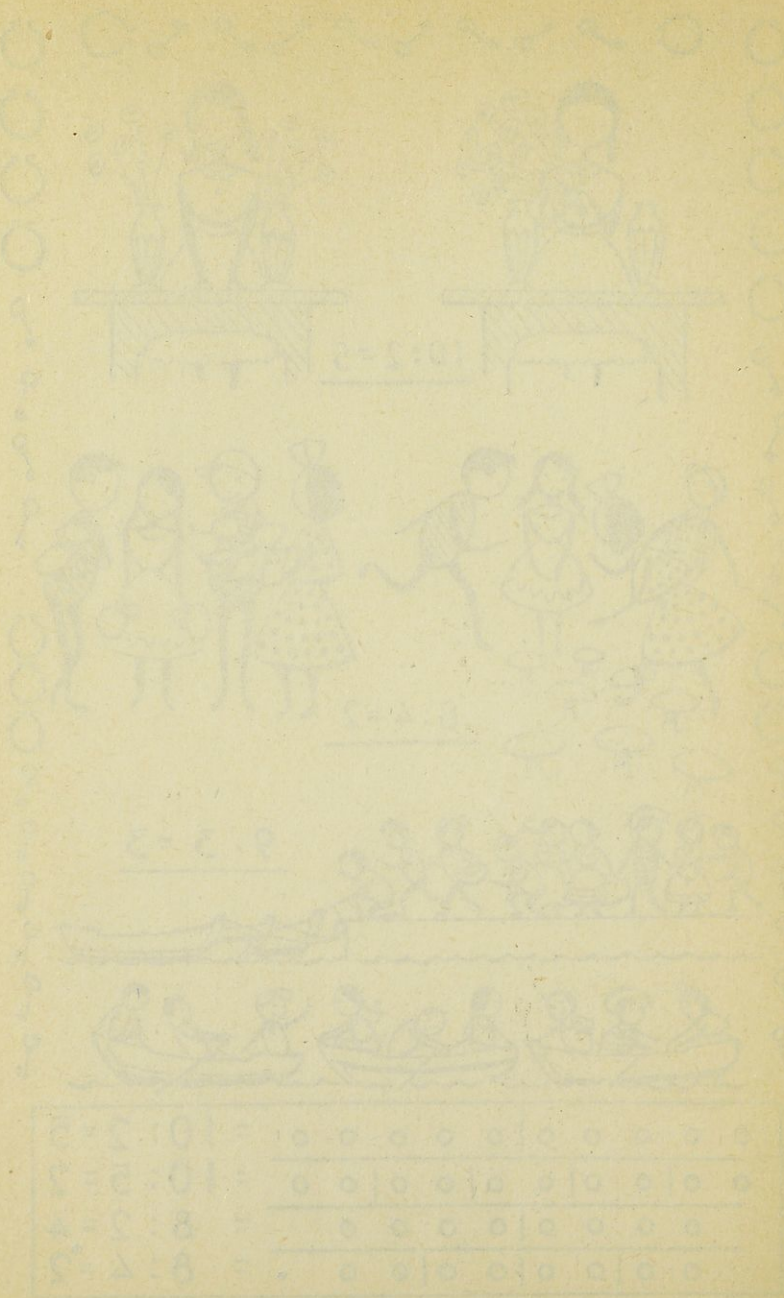
$$9 : 3 = 3$$



○ ○ ○ ○ ○   ○ ○ ○ ○ ○	=	10 : 2 = 5
○ ○   ○ ○   ○ ○   ○ ○   ○ ○	=	10 : 5 = 2
○ ○ ○ ○ ○   ○ ○ ○ ○ ○	=	8 : 2 = 4
○ ○   ○ ○   ○ ○   ○ ○	=	8 : 4 = 2

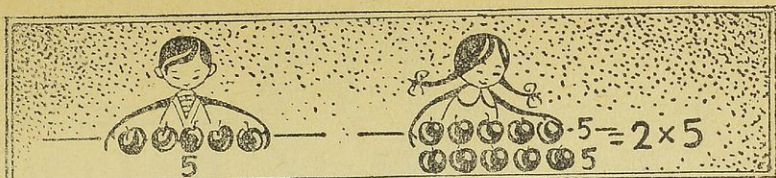
### Προβλημάκια με διαίρεση

Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής



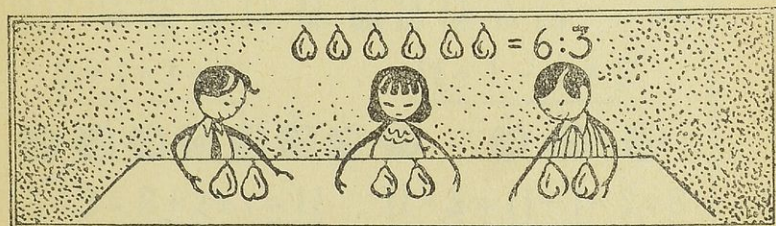
ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ





$1 \times 1$ •	$2 \times 1$ • •	$2 \times 2$ •• ••	$2 \times 3$ ••• •••	$2 \times 4$ •••• ••••	$2 \times 5$ ••••• •••••	$3 \times 1$ • • •	$3 \times 2$ •• •• ••	$3 \times 3$ ••• ••• •••
-------------------	------------------------	--------------------------	----------------------------	------------------------------	--------------------------------	-----------------------------	--------------------------------	-----------------------------------

$4 \times 1$ ••• •••	$4 \times 2$ •••• ••••	$5 \times 1$ ••••• •••••	$5 \times 2$ ••••• •••••	$6 \times 1$ •••••• ••••••	$7 \times 1$ ••••••• •••••••	$8 \times 1$ •••••••• ••••~	$9 \times 1$ ••••••••• ••••~	$10 \times 1$ •••••••••• ••••~
----------------------------	------------------------------	--------------------------------	--------------------------------	----------------------------------	------------------------------------	-----------------------------------	------------------------------------	--------------------------------------



$1 : 1$ •	$2 : 2$ • •	$4 : 2$ •• ••	$6 : 2$ ••• •••	$8 : 2$ •••• ••••	$10 : 2$ ••••• •••••	$3 : 3$ • • •	$6 : 3$ •• •• ••	$9 : 3$ ••• ••• •••
--------------	-------------------	---------------------	-----------------------	-------------------------	----------------------------	------------------------	---------------------------	------------------------------

$4 : 4$ •• ••	$8 : 4$ ••• ••• •••	$5 : 5$ ••• ••• •••	$10 : 5$ •••• •••• ••••	$6 : 6$ ••• ••• •••	$7 : 7$ •••• •••• ••••	$8 : 8$ •••• •••• ••••	$9 : 9$ ••••• ••••~	$10 : 10$ •••••• ••••~
---------------------	------------------------------	------------------------------	----------------------------------	------------------------------	---------------------------------	---------------------------------	---------------------------	------------------------------

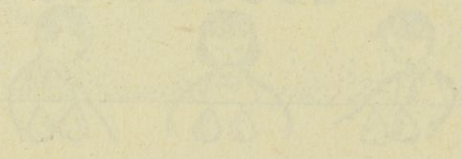
## Μετροῦν καὶ λογαριάζουν

Ψηφιοποιήθηκε ἀπὸ τὸ Ἰνστιτούτο Ἐκπαιδευτικῆς Πολιτικῆς

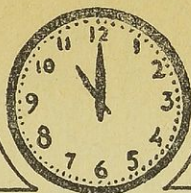
ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ

ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ
ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ

ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ

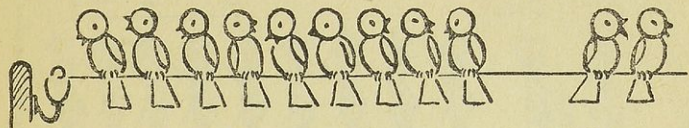


ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ
ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ	ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ



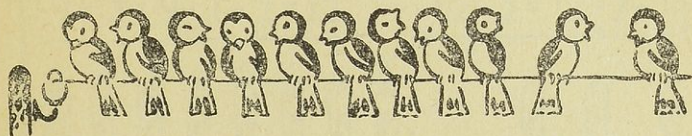
$$10 + 1 = 11$$

$$11 - 1 = 10$$



$$9 + 2 = 11$$

$$11 - 2 = 9$$



$$9 + 1 + 1 = 11$$

$$11 - 1 - 1 = 9$$



$$8 + 3 = 8 + 2 + 1 = 11$$

$$11 - 3 = 11 - 1 - 2 = 8$$



$$7 + 4 = 7 + 3 + 1 = 11$$

$$11 - 4 = 11 - 1 - 2 = 8$$

$$11 = 5 +$$

$$3 + 4 + . = 11$$

$$11 - 6 =$$

$$5 = 11 -$$

$$11 = 8 +$$

$$4 + 5 + . = 11$$

$$11 - 8 =$$

$$4 = 11 -$$

$$11 = 9 +$$

$$3 + 2 + . = 11$$

$$11 - 5 =$$

$$2 = 11 -$$

$$11 = 7 +$$

$$5 + 3 + . = 11$$

$$11 - 9 =$$

$$3 = 11 -$$

$$11 = 6 +$$

$$4 + 2 + . = 11$$

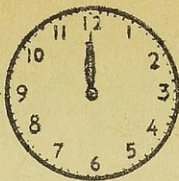
$$11 - 7 =$$

$$1 = 11 -$$

“Εντεκα παπιά

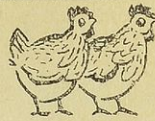


11-1-11	11-1-11
11-2-11	11-2-11
11-3-11	11-3-11
11-4-11	11-4-11
11-5-11	11-5-11
11-6-11	11-6-11
11-7-11	11-7-11
11-8-11	11-8-11
11-9-11	11-9-11
11-10-11	11-10-11
11-11-11	11-11-11
11-12-11	11-12-11



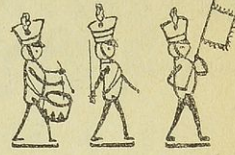
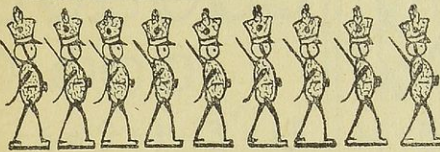
XI = 11

XII = 12



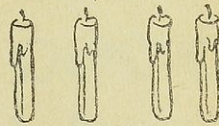
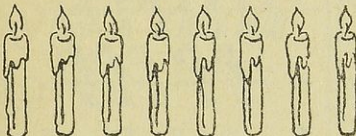
$$10 + 2 = 12$$

$$12 - 2 = 10$$



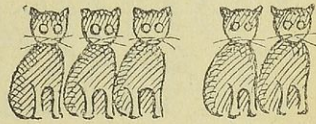
$$9 + 3 = 9 + 1 + 2 = 12$$

$$12 - 3 = 12 - 2 - 1 = 9$$



$$8 + 4 = 8 + 2 + 2 = 12$$

$$12 - 4 = 12 - 2 - 2 = 8$$



$$7 + 5 = 7 + 3 + 2 = 12$$

$$12 - 5 = 12 - 2 - 3 = 7$$

$$12 = 10 + 1 + 2 + \dots = 12 \quad 12 - 2 = 6 = 12 -$$

$$12 = 7 + 4 + 3 + \dots = 12 \quad 12 - 5 = 4 = 12 -$$

$$12 = 9 + 2 + 2 + \dots = 12 \quad 12 - 3 = 3 = 12 -$$

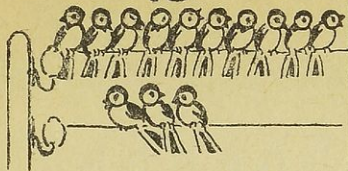
$$12 = 8 + 1 + 5 + \dots = 12 \quad 12 - 4 = 5 = 12 -$$

$$12 = 6 + 2 + 0 + \dots = 12 \quad 12 - 6 = 2 = 12$$

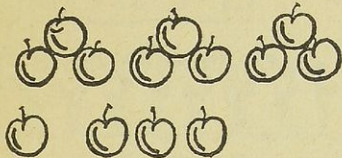
### ΔΩΔΕΚΑ ΚΟΤΟΥΛΕΣ



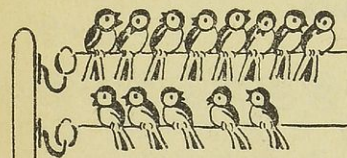
13



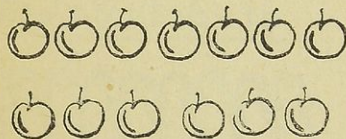
$$10 + 3 = 13 \quad 13 - 3 = 10$$



$$9 + 4 = 9 + 1 + 3 = 13$$

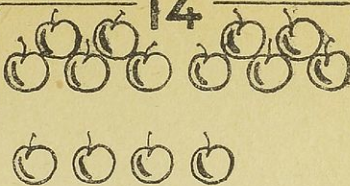


$$13 - 5 = 13 - 3 - 2 = 8$$

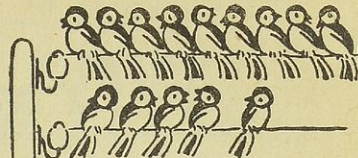


$$7 + 6 = 7 + 3 + 3 = 13$$

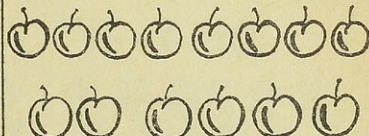
14



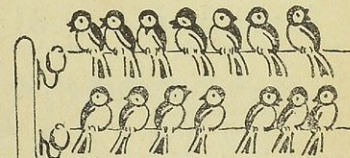
$$10 + 4 = 14 \quad 14 - 4 = 10$$



$$14 - 5 = 14 - 4 - 1 = 9$$



$$8 + 6 = 8 + 2 + 4 = 14$$



$$14 - 7 = 14 - 4 - 3 = 7$$

$$13 = 7 + \quad 13 - 5 = \quad 14 = 11 + \quad 14 - 7 =$$

$$13 = 9 + \quad 13 - 7 = \quad 14 = 10 + \quad 14 - 5 =$$

$$13 = 11 + \quad 13 - 4 = \quad 14 = 7 + \quad 14 - 8 =$$

$$13 = 8 + \quad 13 - 8 = \quad 14 = 5 + \quad 14 - 10 =$$

$$13 = 6 + \quad 13 - 6 = \quad 14 = 6 + \quad 14 - 6 =$$

Δεκατρία πουλάκια — Δεκατέσσερα μήλα





# 15

$$10 + 5 = 15$$

$$15 - 5 = 10$$



$$9 + 6 = 9 + 1 + 5 = 15$$

$$15 - 6 = 15 - 5 - 1 = 9$$



$$8 + 7 = 8 + 2 + 5 = 15$$

$$15 - 7 = 15 - 5 - 2 = 8$$

# 16

$$10 + 6 = 16$$

$$16 - 6 = 10$$



$$9 + 7 = 9 + 1 + 6 = 16$$

$$16 - 7 = 16 - 6 - 1 = 9$$



$$8 + 8 = 8 + 2 + 6 = 16$$

$$16 - 8 = 16 - 6 - 2 = 8$$

15 = 6 +	15 - 5 =	16 = 6 +	16 - 8 =
15 = 10 +	15 - 9 =	16 = 8 +	16 - 6 =
15 = 7 +	15 - 6 =	16 = 7 +	16 - 7 =
15 = 9 +	15 - 8 =	16 = 10 +	16 - 9 =
15 = 8 +	15 - 7 =	16 = 9 +	16 - 10 =

Δεκαπέντε και δεκαέξη άνθκια



17



$$\underline{10 + 7 = 17} \quad \underline{17 - 7 = 10}$$



$$\underline{9 + 8 = 9 + 1 + 7 = 17}$$

$$\underline{8 + 9 = 8 + 2 + 7 = 17}$$

18



$$\underline{10 + 8 = 18} \quad \underline{18 - 8 = 10}$$



$$\underline{9 + 9 = 9 + 1 + 8 = 18}$$

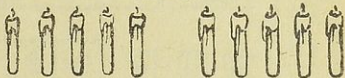
19



$$\underline{10 + 9 = 19}$$

$$\underline{19 - 9 = 10}$$

20



$$\underline{10 + 10 = 20}$$

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

$17 = 9 +$

$17 - 8 =$

$20 = 14 +$

$20 = 17 +$

$17 = 8 +$

$17 - 9 =$

$20 = 16 +$

$20 = 13 +$

$18 = 9 +$

$18 - 9 =$

$20 = 10 +$

$20 = 11 +$

$19 = 9 +$

$19 - 9 =$

$20 = 12 +$

$20 = 15 +$

$20 = 10 +$

$20 - 10 =$

$20 = 18 +$

$20 = 19 +$

Δεκαεφτά μήλα — Δεκαοχτώ άχλάδια

Δεκαεννιά παπιά — Είκοσι κεράκια

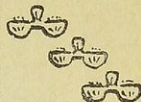




1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



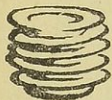
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



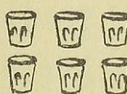
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
0

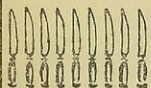


1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



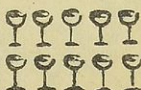
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	15	17	18	19	20

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

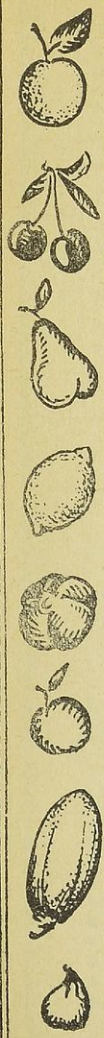


20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
0

Μετρούν πηδώντας αριθμούς

Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής

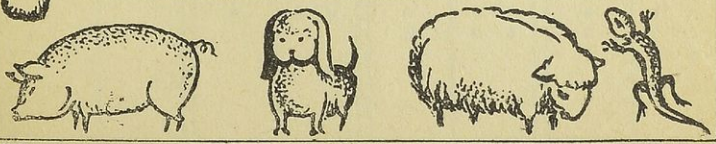




18=	7	12	10	3	18	16	14	1	5	19	=	5
7=	13	9	17	18	6	2	11	15	10	4	=	19
15=	5	10	18	12	4	9	13	17	11	6	=	9
10=	8	15	9	7	13	11	16	14	20	12	=	14
12=	16	7	18	6	20	5	19	17	9	15	=	18
4=	19	8	20	16	9	14	5	13	12	17	=	11
20=	12	11	3	9	17	20	8	16	14	15	=	6
8=	16	8	9	17	11	14	13	20	19	12	=	16
17=	9	12	6	5	18	4	7	8	3	20	=	12
3=	11	20	12	16	7	18	9	19	5	4	=	13



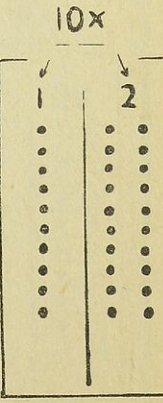
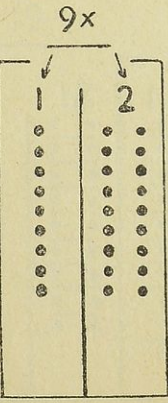
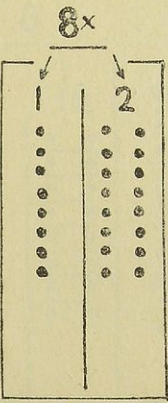
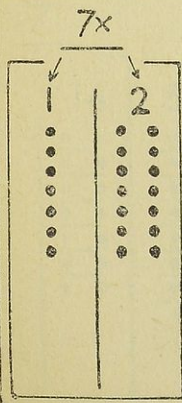
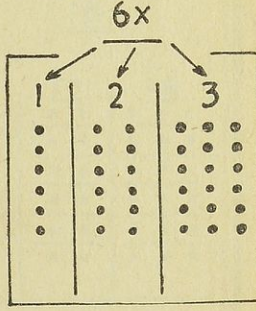
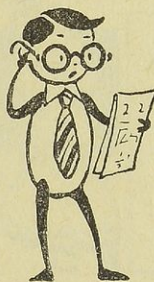
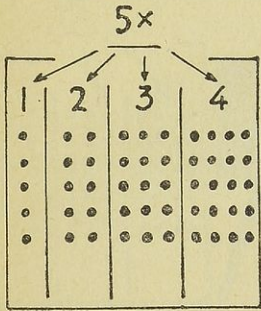
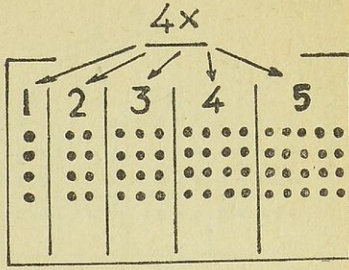
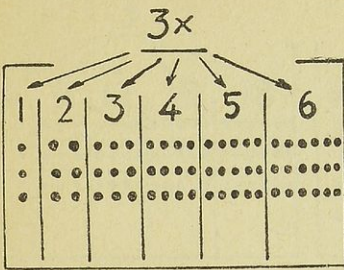
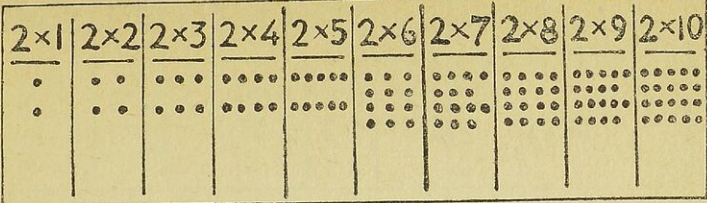
11+3-7=	15-9-6=	3+2+.=11
9+3-6=	16-7-5=	3+.=+9=12
12+4-8=	6+3+7=	.=+4+.=14
14+6-10=	5+9+6=	3+3+.=15
13+5-9=	17-5-8=	.=+8+5=16
8+3-2=	19-3-7=	5+.=+6=19
7+4-6=	10+4-7=	6+3+.=18
7+6-4=	20-3-9=	.=+5+8=17
18-5-4=	4+8-3=	4+4+.=15
20-7-6=	5+9+6=	6+.=+2=13



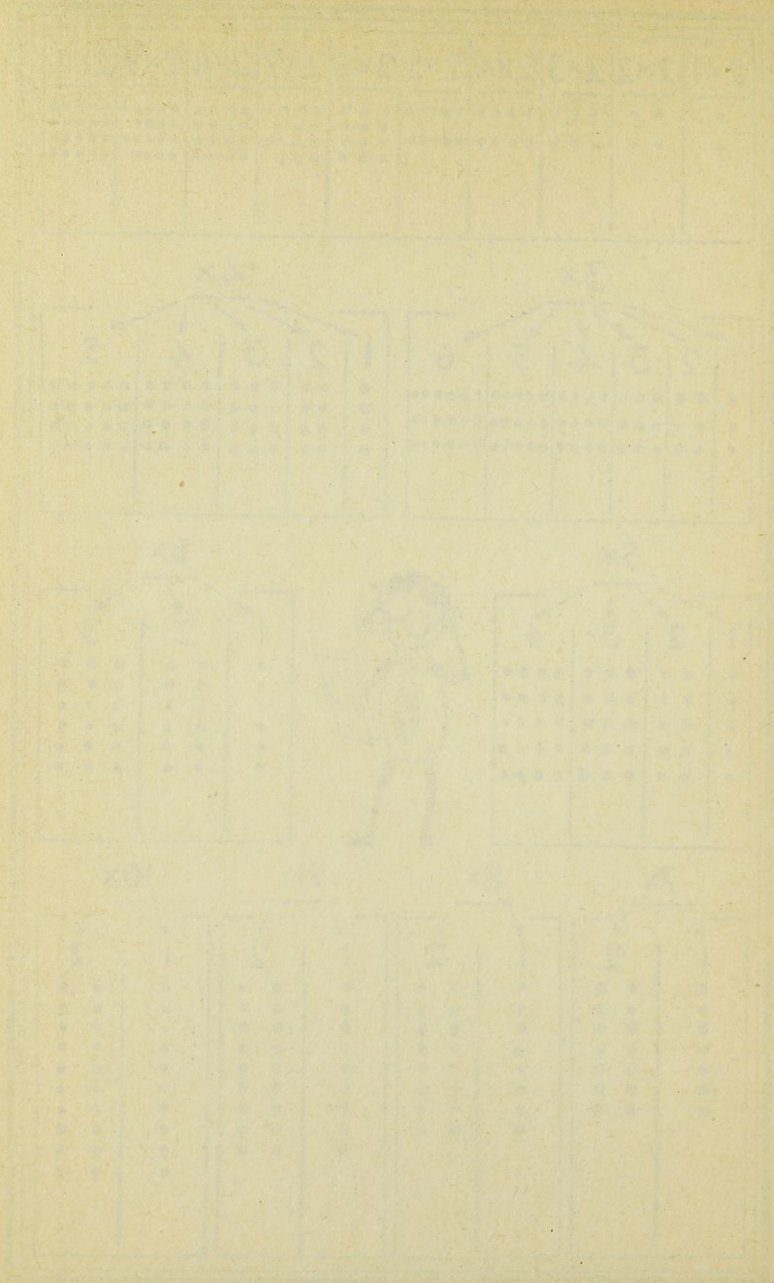
Διάλεγε και λογάριάζε







**Οι άπορίες του Τάκη**



2:2	4:2	6:2	8:2	10:2	12:2	14:2	16:2	18:2	20:2

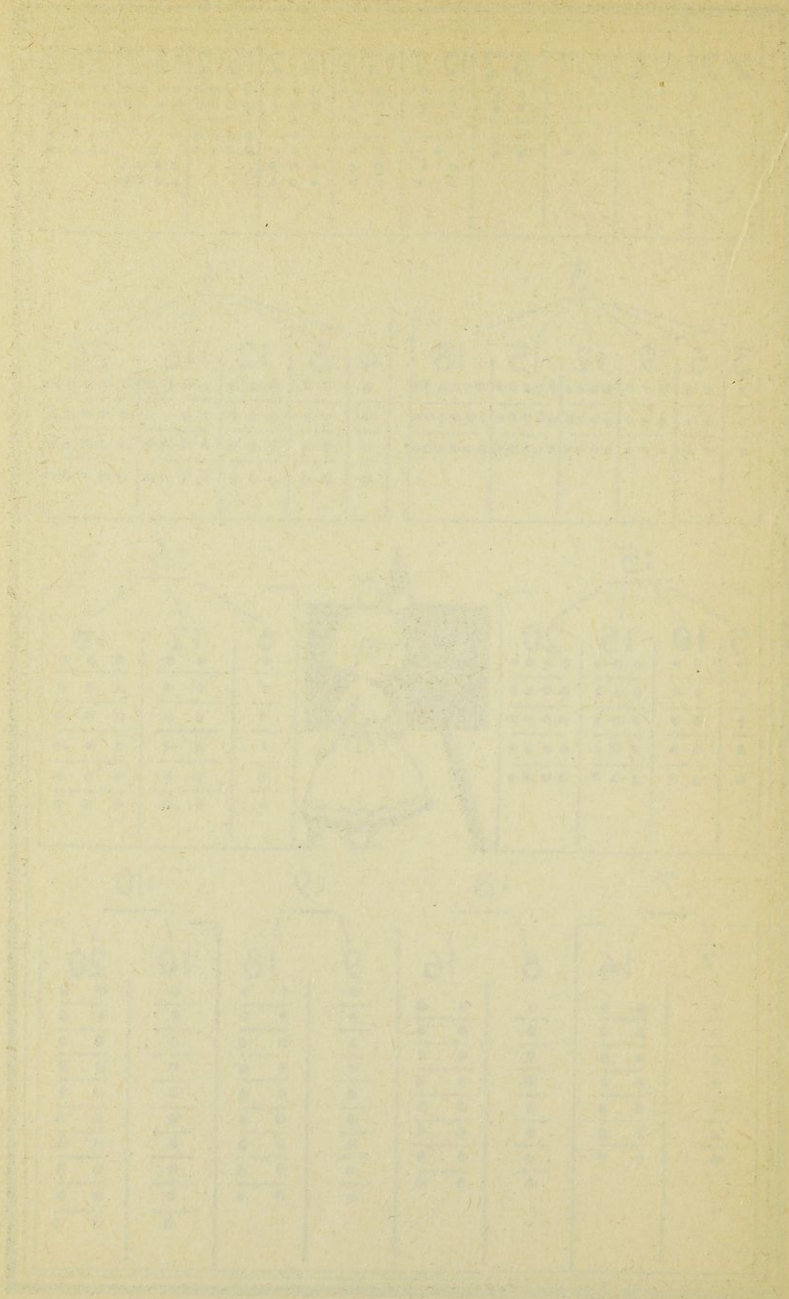
:3					:4					
3	6	9	12	15	18	4	8	12	16	20

:5					:6		
5	10	15	20		6	12	18

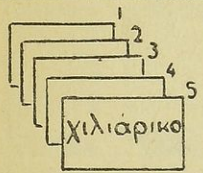
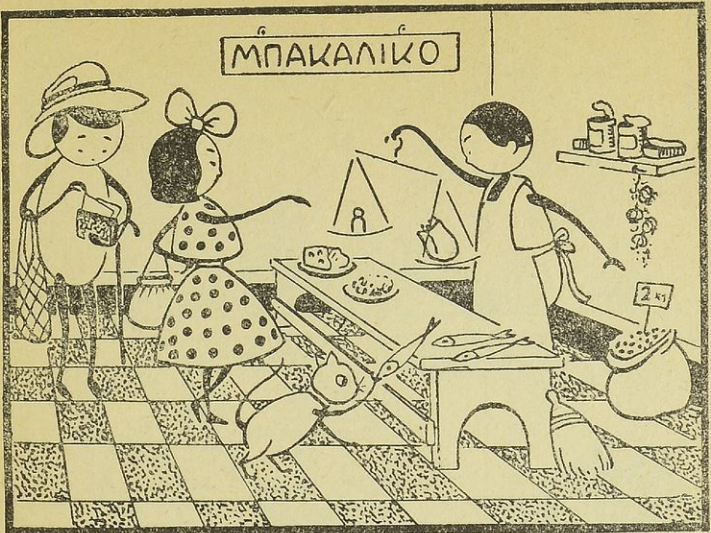
:7		:8		:9		:10	
7	14	8	16	9	18	10	20

**Οι στενοχώριες της Φροσούλας**

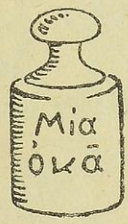
Ψηφιοποιήθηκε από το Ινστιτούτο Εκπαιδευτικής Πολιτικής



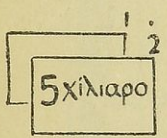
# ΜΠΑΚΑΛΙΚΟ



= 5 χιλιαρο



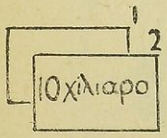
= 1



= 10 χιλιαρο



= 1/2



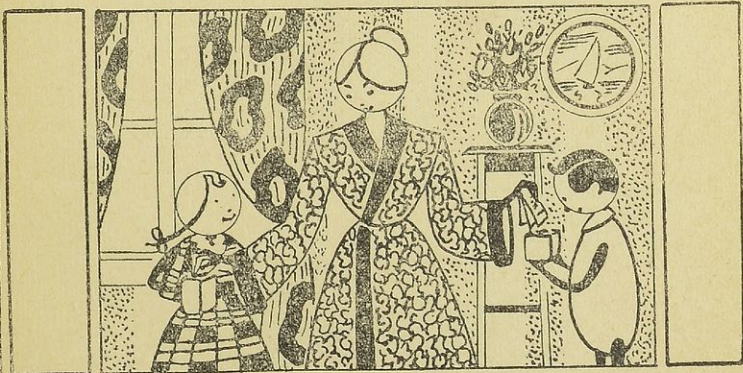
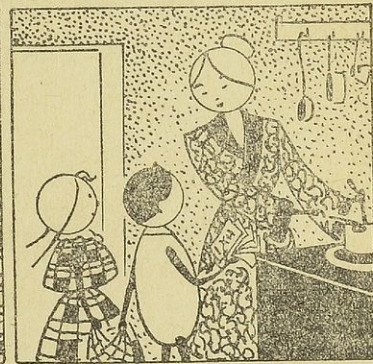
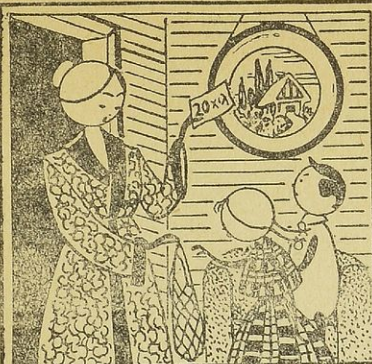
= 20 χιλιαρο



= 1/4

Τὰ παιδιά παίζουν Μπακάλικο





$$3 \times 3 = 9$$

$$5 \times 1 = 5$$

$$9 + 5 = 14$$

$$20 - 14 = 6$$

$$6 : 2 = 3$$

Τά παιδιά ψωνίζουν











