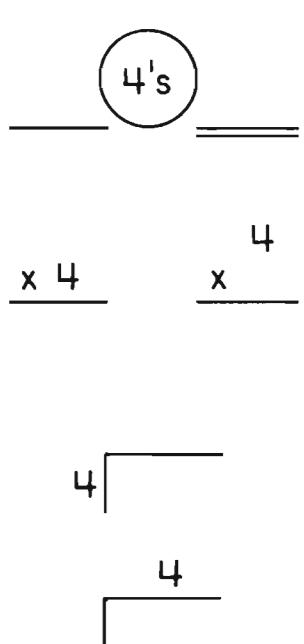
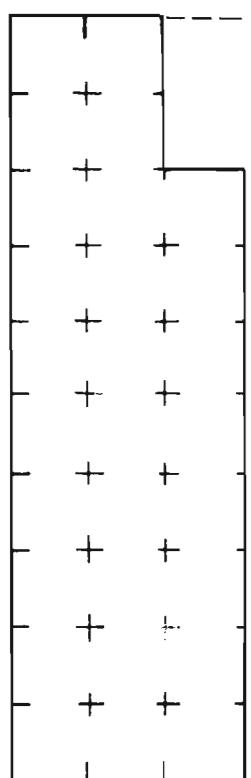
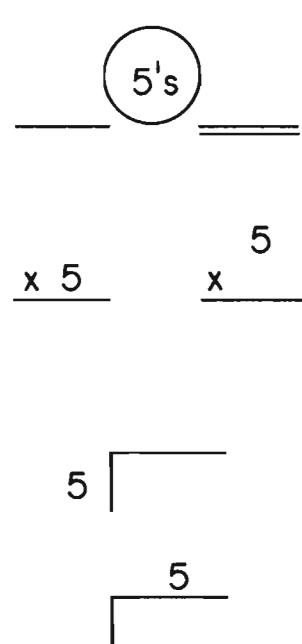
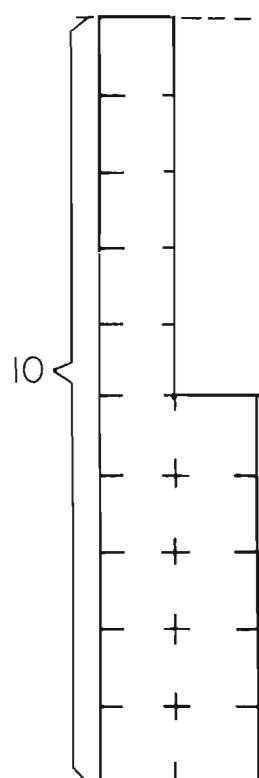
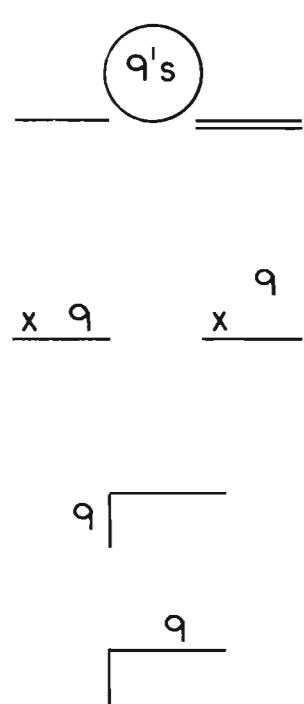
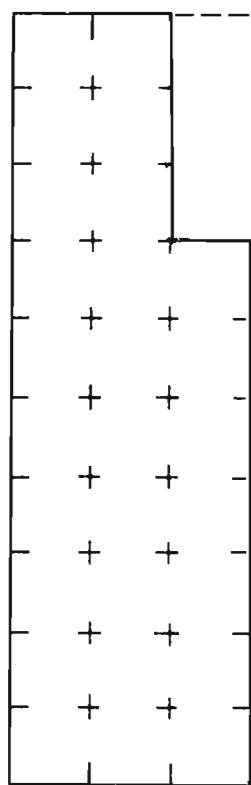
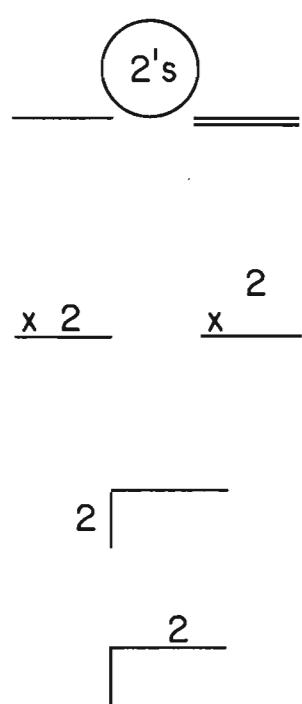
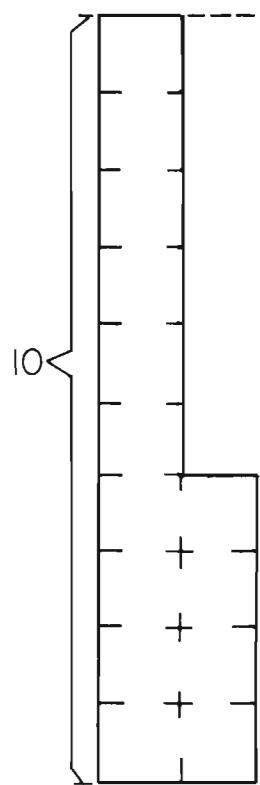


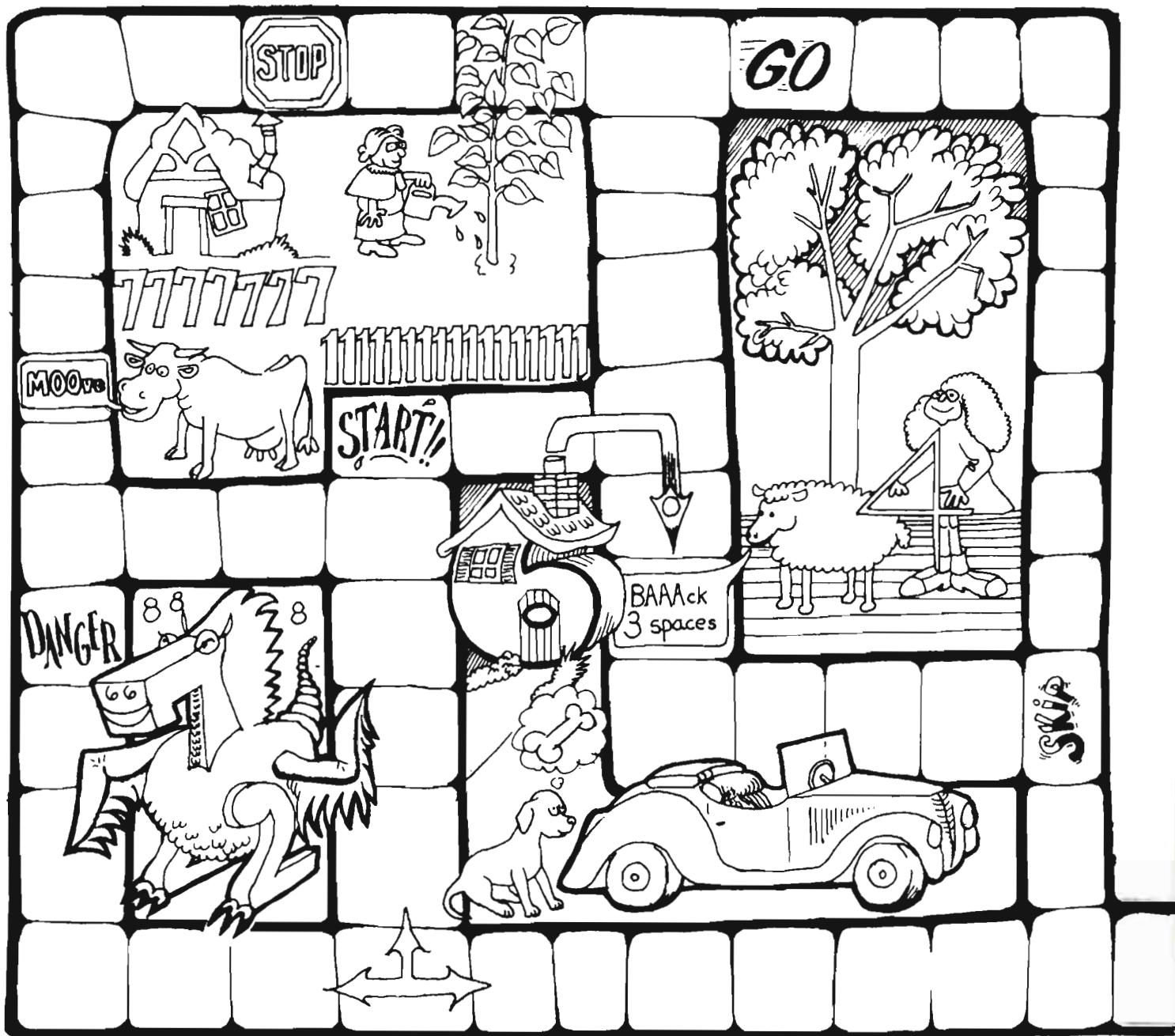


# Individualized Computation

$C_2$

FENCING





Cover Art

The Learning Community Alternative School of Ron Slayen  
and Joyce Vandever at Del Rey Woods School

Art Staff

DENIS MURPHY

Editor and General Manager

ROBERT BECK

Art and Production Manager

LIESELOTTE ESSER

© 1974, CURRICULUM DEVELOPMENT ASSOCIATES, INC.

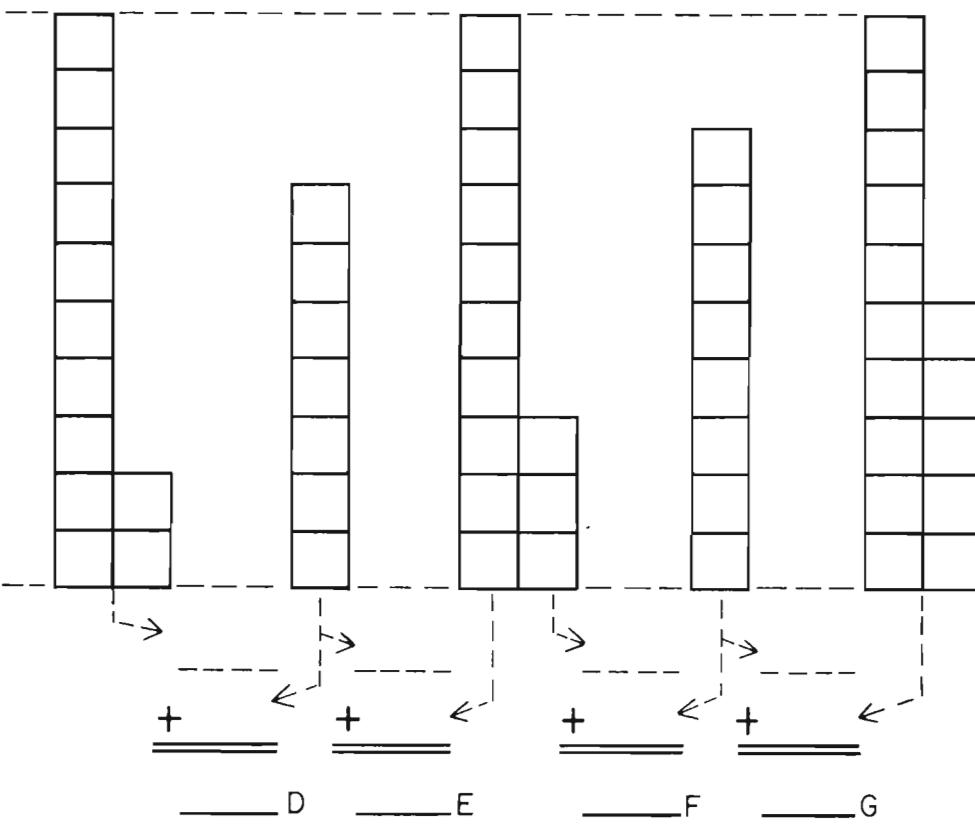
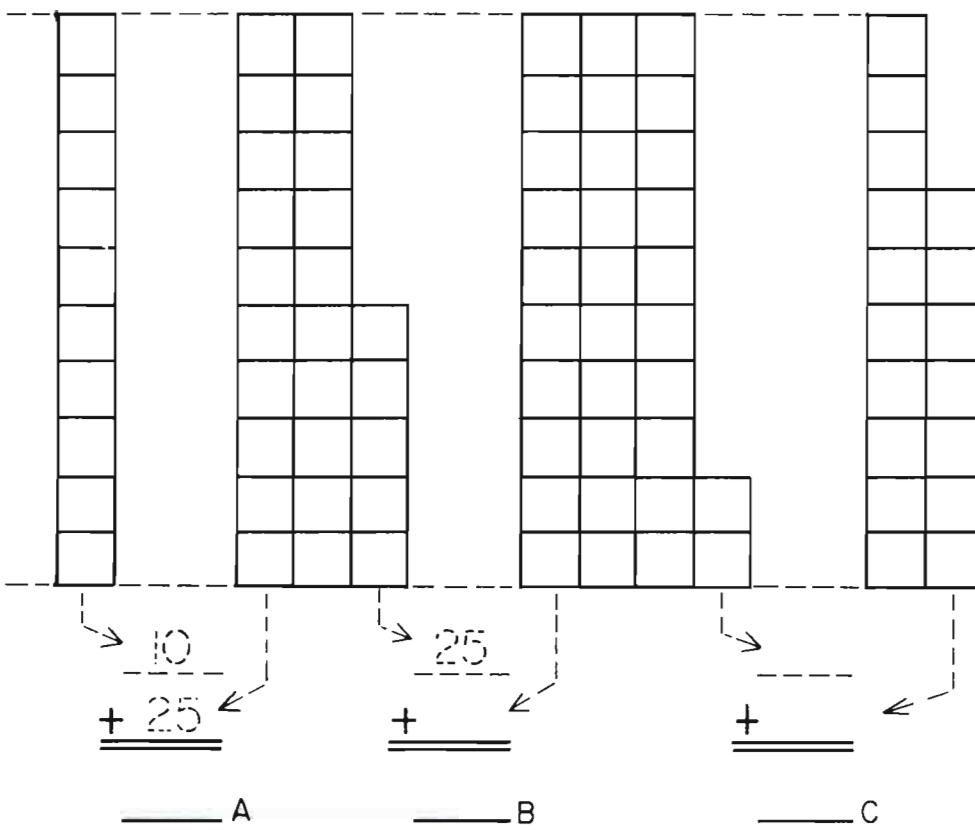
700 Team Street

Monterey, CA 93940

Suite 114, 1221 Connecticut Avenue, N.W.

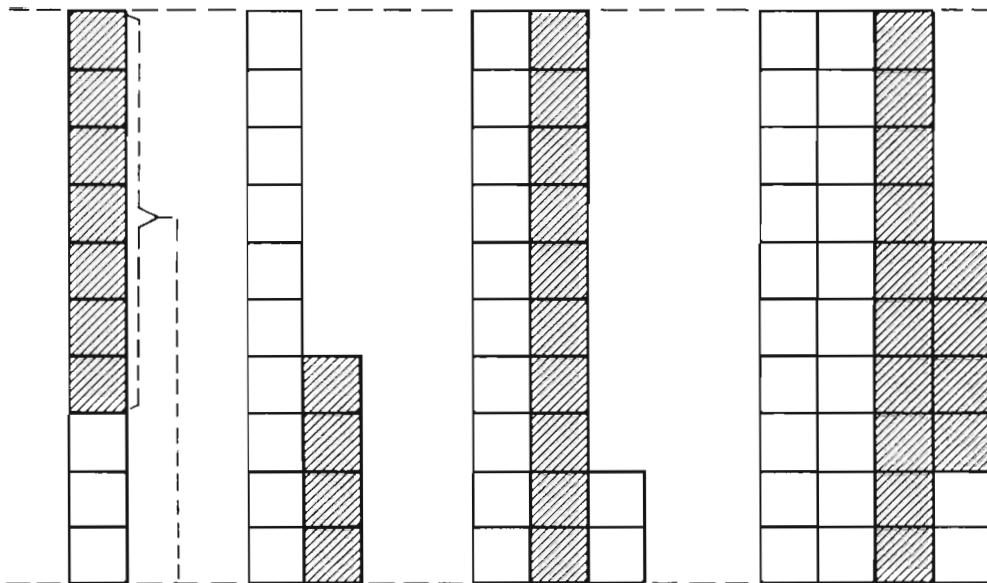
Washington, DC 20036

BCDE-B-32109



A	B	C
35	57	52

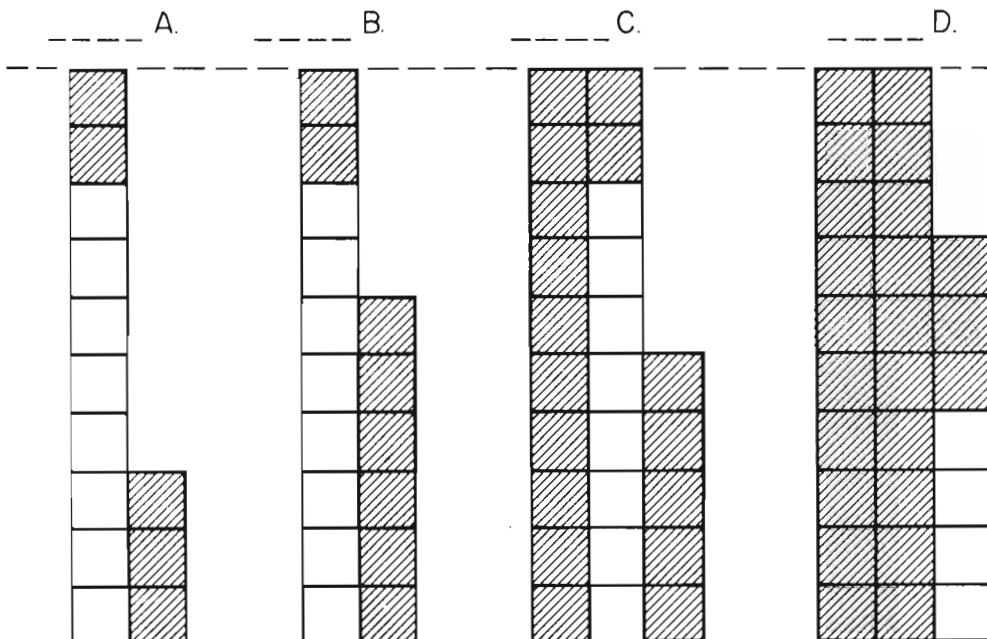
D	E	F	G
15	20	19	23



Related examples  
Ejemplos relacionados

$$\begin{array}{r} 15 \\ - 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 25 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ - 10 \\ \hline \end{array} \quad \begin{array}{r} 36 \\ - 14 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ - 16 \\ \hline \end{array} \quad \begin{array}{r} 35 \\ - 16 \\ \hline \end{array}$$



$$\begin{array}{r} 35 \\ - 26 \\ \hline \end{array} \quad \begin{array}{r} 35 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 27 \\ \hline \end{array} \quad \begin{array}{r} 45 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 29 \\ \hline \end{array} \quad \begin{array}{r} 55 \\ - 29 \\ \hline \end{array}$$

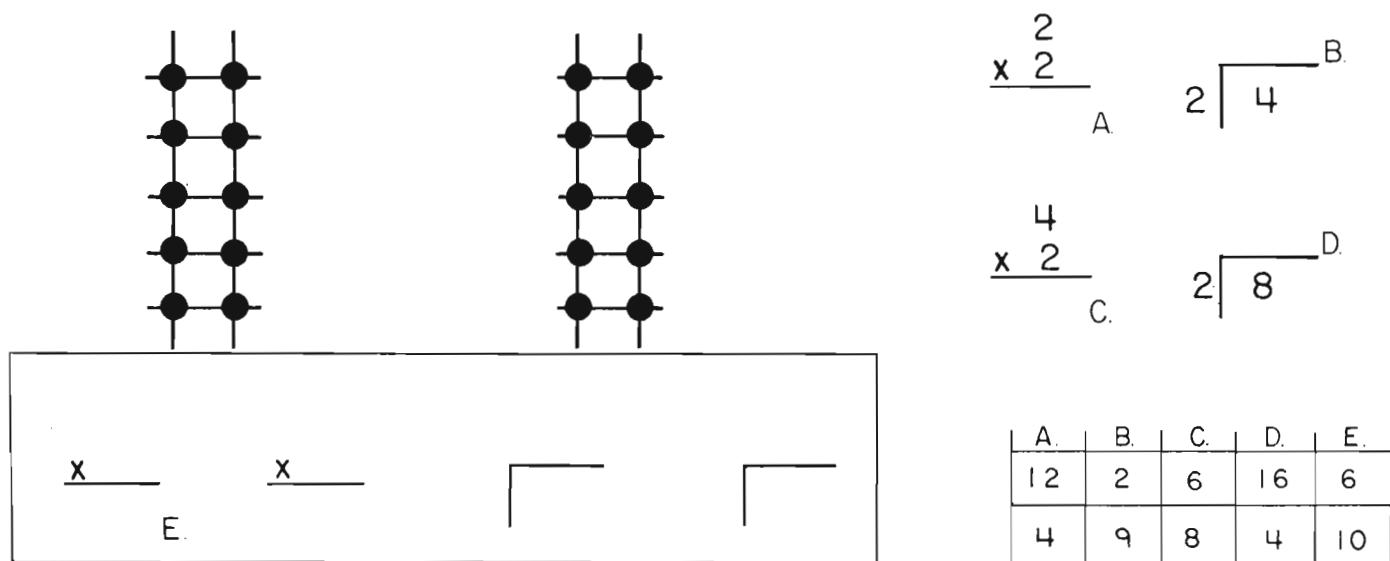
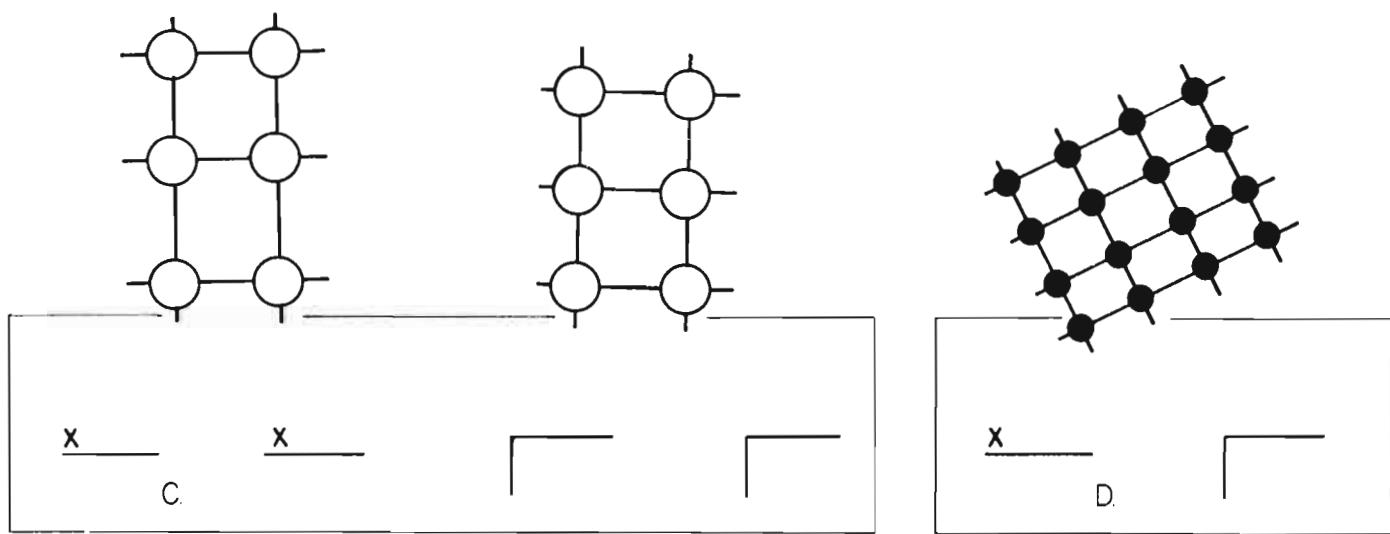
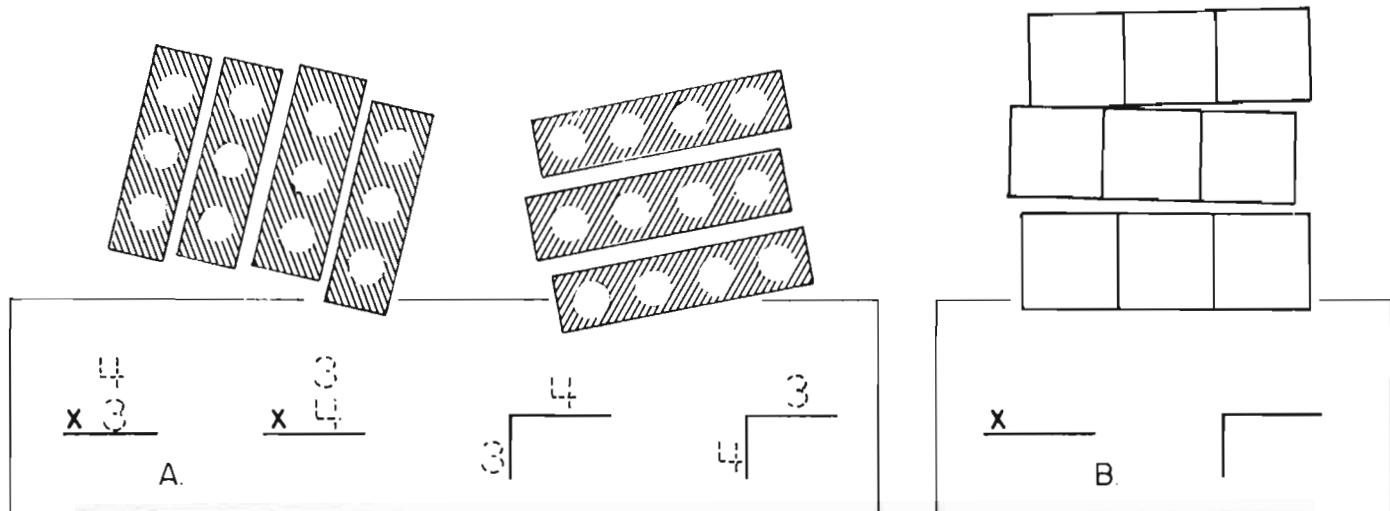
$$\begin{array}{r} \hline \\ \hline \end{array} \quad \begin{array}{r} \hline \\ \hline \end{array} \quad \begin{array}{r} \hline \\ \hline \end{array} \quad \begin{array}{r} \hline \\ \hline \end{array}$$

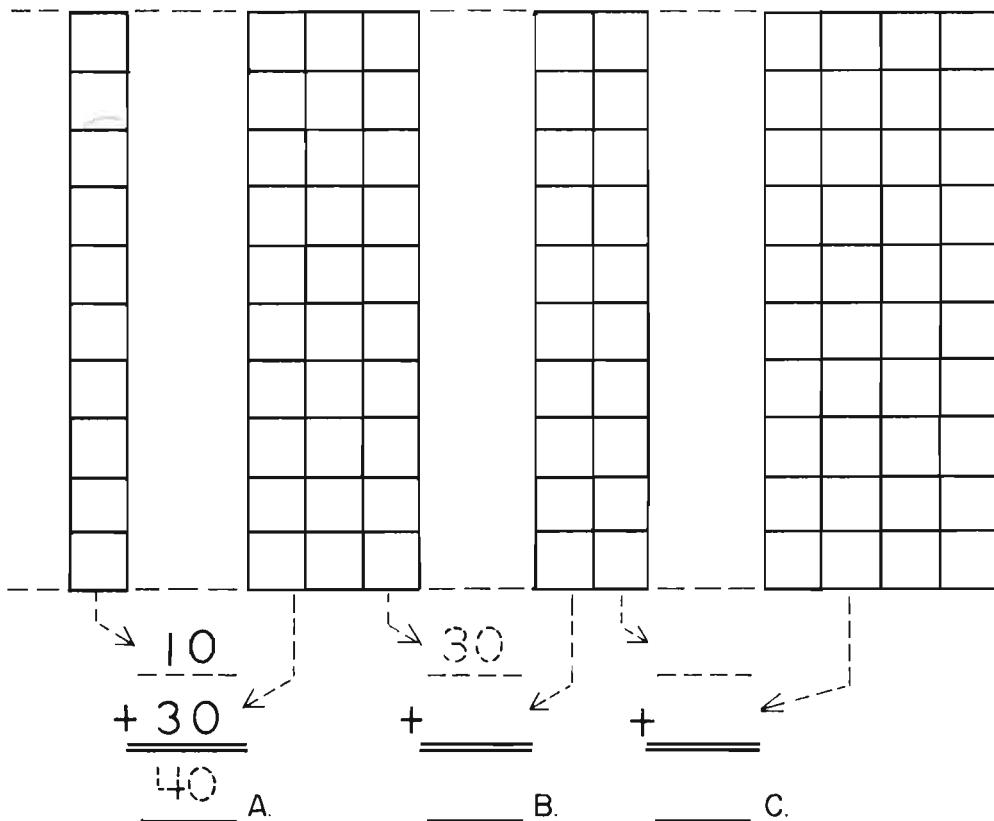
A.	B.	C.	D.
3	10	16	22
6	8	12	14

E.	F.	G.	H.
12	8	9	8
8	10	8	4

What can you see?

¿Qué puede usted ver?

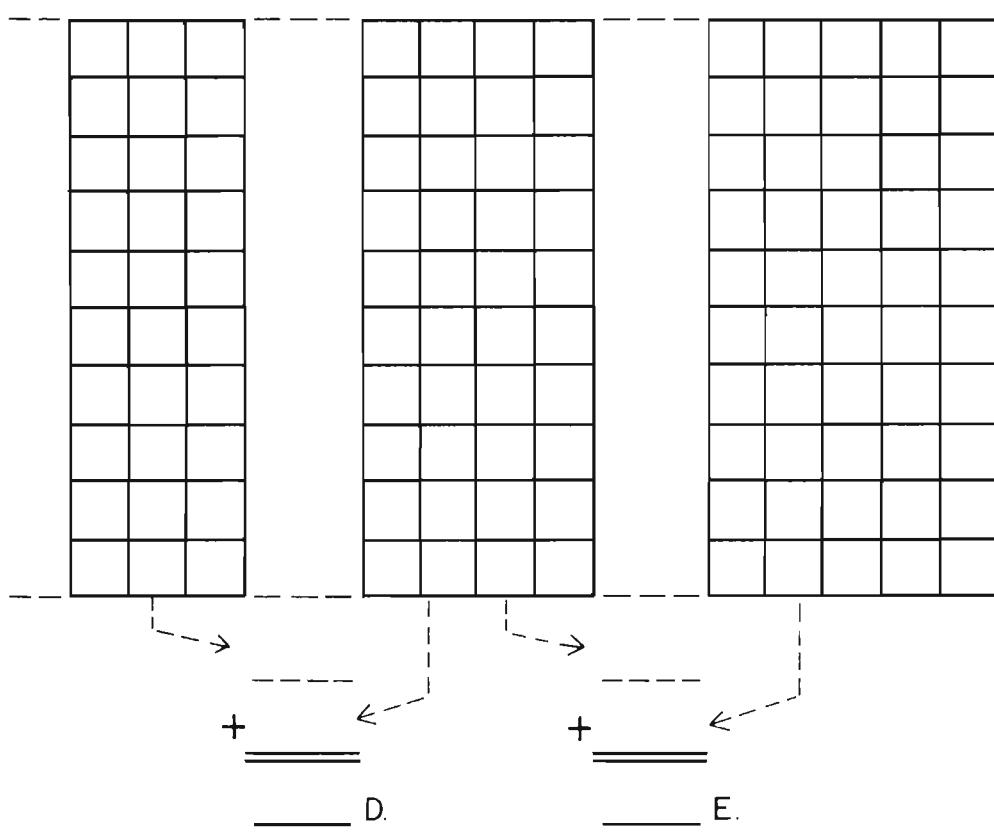




$$\begin{array}{r} 20 \\ + 20 \\ \hline \end{array}$$

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

$$\begin{array}{r} 40 \\ + 40 \\ \hline \end{array}$$



$$\begin{array}{r} 20 \\ + 70 \\ \hline \end{array}$$

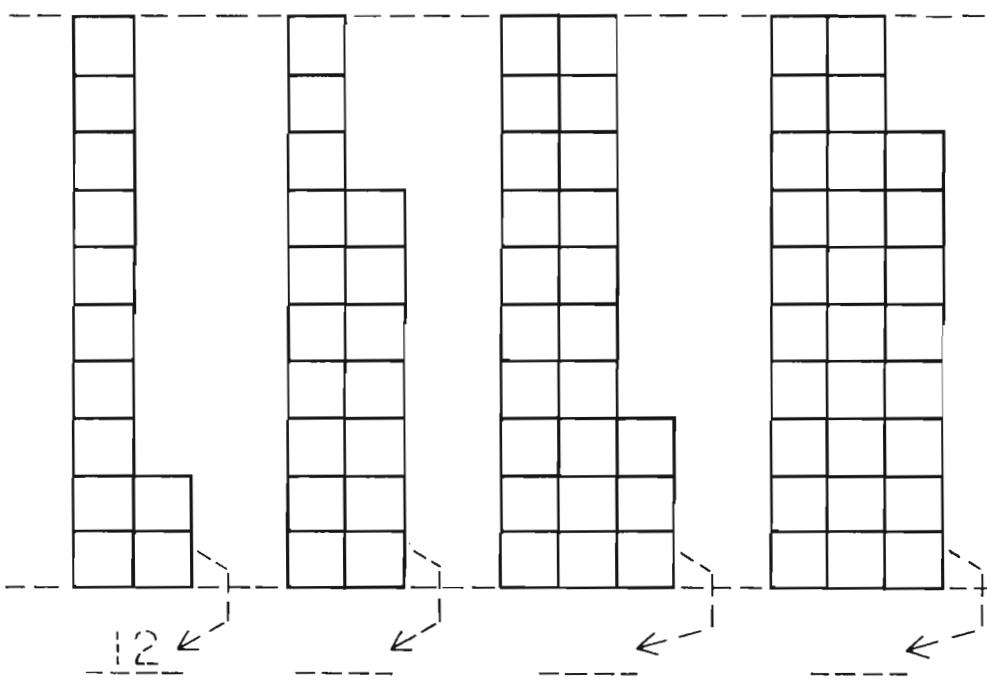
$$\begin{array}{r} 50 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 80 \\ \hline \end{array}$$

A.	B.	C.	D.	E.
40	35	60	50	90

A.	B.	C.	D.	E.
20	50	70	70	100



\_\_\_\_\_ A.

\_\_\_\_\_ B.

\_\_\_\_\_ C.

\_\_\_\_\_ D.

Related examples  
Ejemplos relacionados

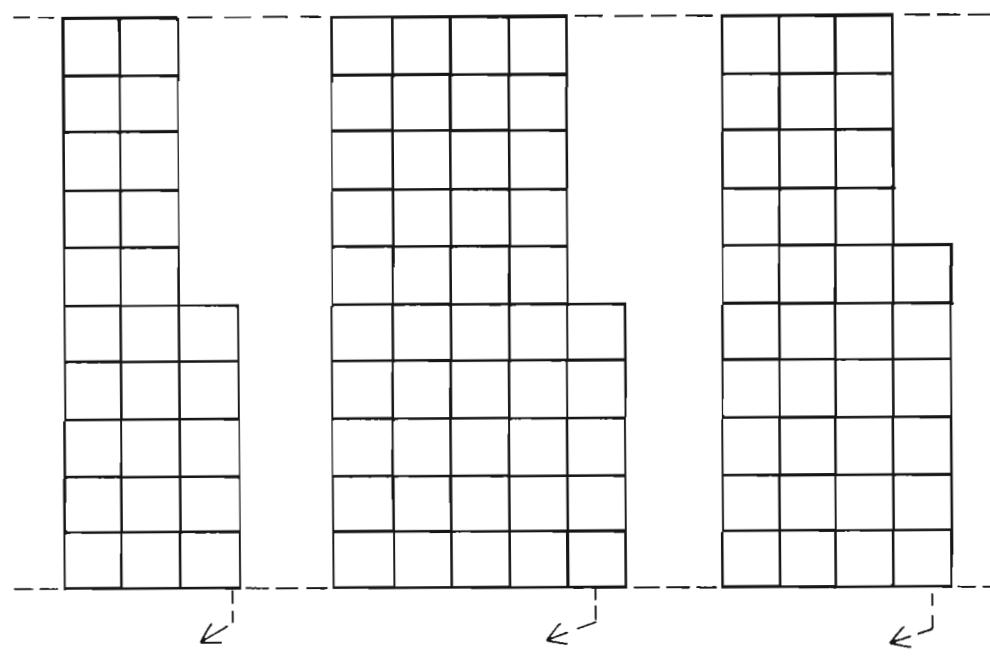
$$\begin{array}{r} \underline{\underline{+ 8}} \\ \hline \end{array} \quad \begin{array}{r} \underline{\underline{+ 9}} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\underline{+ 18}} \\ \hline \end{array} \quad \begin{array}{r} \underline{\underline{+ 19}} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\underline{+ 4}} \\ \hline \end{array} \quad \begin{array}{r} \underline{\underline{+ 14}} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\underline{+ 14}} \\ \hline \end{array} \quad \begin{array}{r} \underline{\underline{+ 24}} \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\underline{+ 34}} \\ \hline \end{array} \quad \begin{array}{r} \underline{\underline{+ 27}} \\ \hline \end{array}$$



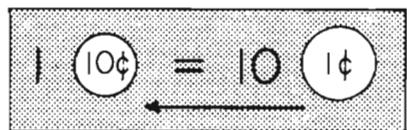
\_\_\_\_\_ E.

\_\_\_\_\_ F.

\_\_\_\_\_ G.

A.	B.	C.	D.
20	27	19	30
31	20	32	41

E.	F.	G.
35	60	41
33	58	51



$\begin{array}{r} 10\text{¢} \\ + 1\text{¢} \\ \hline \end{array}$

$$\begin{array}{r} 1 \quad 12 \\ - 1 \quad 2 \\ \hline 2 \quad 0 \end{array} = \underline{22\text{¢}}$$

$$\begin{array}{r} 2 \quad 15 \\ - 2 \quad 5 \\ \hline 1 \quad 0 \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 0 \quad 13 \\ - 0 \quad 3 \\ \hline 9 \quad 0 \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 1 \quad 5 \\ + 1 \quad 4 \\ \hline 2 \quad 9 \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 1 \quad 5 \\ + 1 \quad 5 \\ \hline 1 \quad 0 \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 2 \quad 5 \\ + 2 \quad 7 \\ \hline 1 \quad 2 \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 2 \quad 6 \\ + 1 \quad 4 \\ \hline \quad \quad \end{array} = \underline{\quad\quad\quad\text{¢}}$$

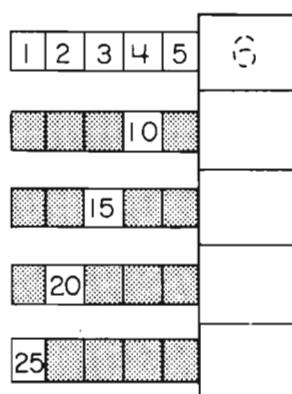
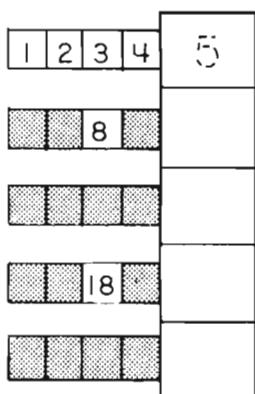
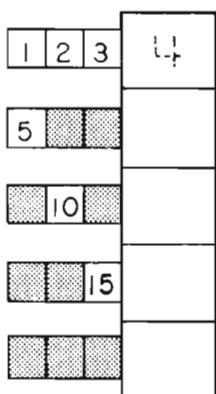
$$\begin{array}{r} 1 \quad 8 \\ + 2 \quad 4 \\ \hline \quad \quad \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 2 \quad 3 \\ + 2 \quad 5 \\ \hline \quad \quad \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 2 \quad 9 \\ + 0 \quad 3 \\ \hline \quad \quad \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 3 \quad 7 \\ + 3 \quad 2 \\ \hline \quad \quad \end{array} = \underline{\quad\quad\quad\text{¢}}$$

$$\begin{array}{r} 2 \quad 6 \\ + 2 \quad 6 \\ \hline \quad \quad \end{array} = \underline{\quad\quad\quad\text{¢}}$$



A.	B.	C.	D.
35	40	42	13
52	35	50	48

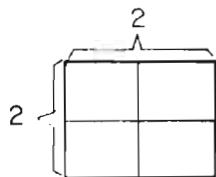
E.	F.	G.	H.
32	105	29	43
13	69	52	30

When in doubt, count!

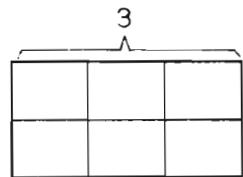
¡Cuando en duda, cuente!

When you know, don't count!

¡Cuando usted sepa, no cuente!

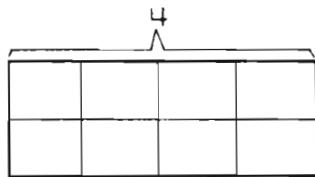


$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$



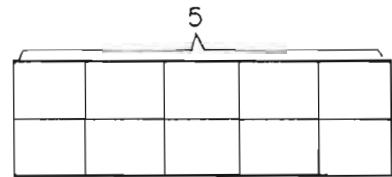
$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

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



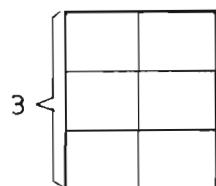
$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$



$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

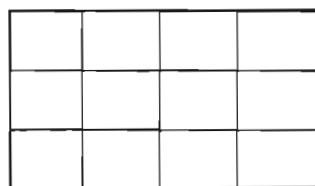
$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$



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



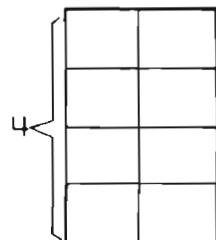
$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$



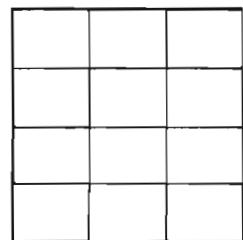
$$\begin{array}{r} \times \\ \hline \end{array}$$



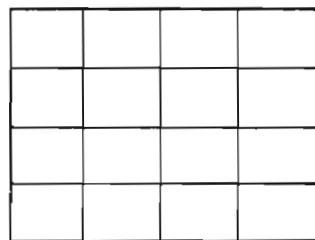
$$\begin{array}{r} \times \\ \hline \end{array}$$



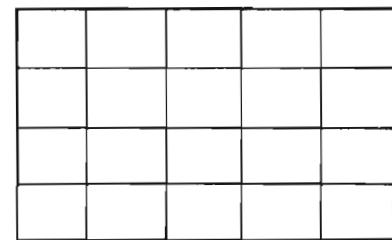
$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$



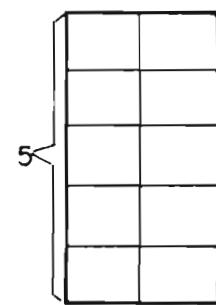
$$\begin{array}{r} \times \\ \hline \end{array}$$



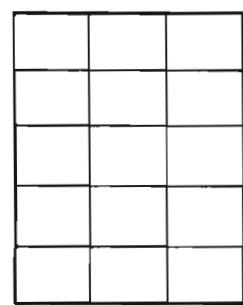
$$\begin{array}{r} \times \\ \hline \end{array}$$



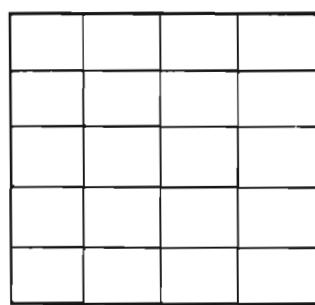
$$\begin{array}{r} \times \\ \hline \end{array}$$



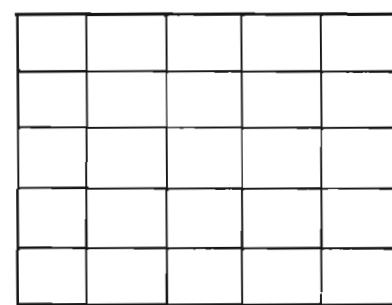
$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$



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



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



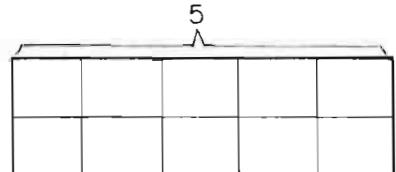
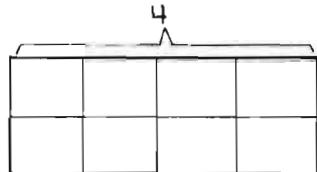
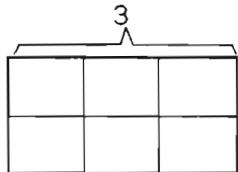
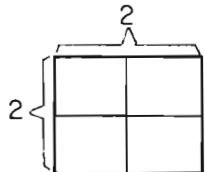
$$\begin{array}{r} \times \\ \hline \end{array}$$

When in doubt, count!

Cuando en duda, cuente!

When you know, don't count!

¡Cuando usted sepa, no cuente!

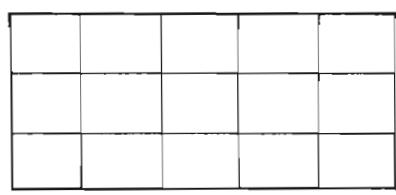
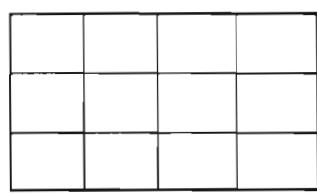
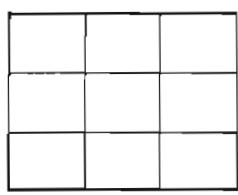
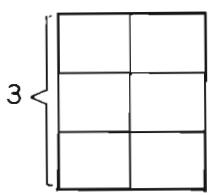


$$2 \overline{) 4}$$

$$2 \overline{) 6}$$

$$2 \overline{) }$$

$$2 \overline{) }$$

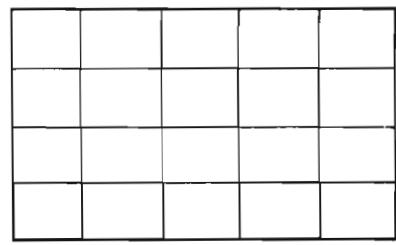
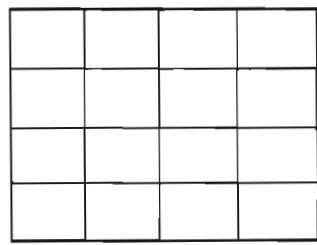
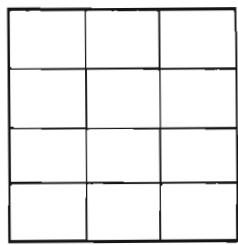
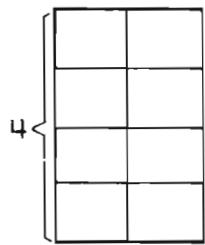


$$3 \overline{) 2}$$

$$\overline{) }$$

$$\overline{) }$$

$$\overline{) }$$

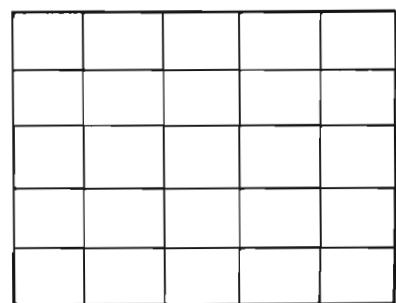
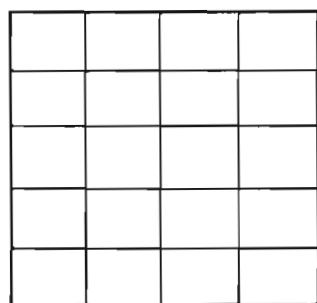
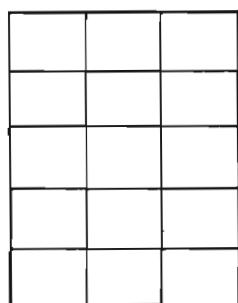
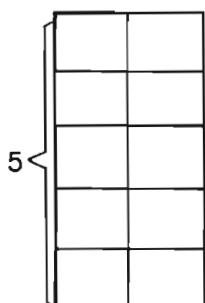


$$4 \overline{) 8}$$

$$\overline{) }$$

$$\overline{) }$$

$$\overline{) }$$



$$5 \overline{) }$$

$$\overline{) }$$

$$\overline{) }$$

$$\overline{) }$$



Addition and Multiplication

Sumar y Multiplicar

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

$$\begin{array}{r} | \\ + | \\ \hline 4 \end{array}$$

$$\begin{array}{r} 222 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 333 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 444 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 555 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 666 \\ + 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 777 \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 888 \\ + 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 999 \\ + 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline 0 \end{array}$$

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

$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 4 \\ \times 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$$

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

$$\begin{array}{r} | \\ + | \\ \hline 5 \end{array}$$

$$\begin{array}{r} 222 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 333 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 444 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 555 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 666 \\ + 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 777 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 888 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 999 \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 0 \\ \times 5 \\ \hline 0 \end{array}$$

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

$$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$$

	0	1	2	3	4	5	6	7	8	9	10
4	0	4	8								
5	0	5									

From the List

De la Lista

2 , 3 , 4 , 5 , 6 , 7 , 8 , 9

Please make all examples different.

Favor de hacer todos los ejemplos diferentes.

$$\frac{x}{6}$$

$$\frac{x}{6}$$

$$\frac{x}{8}$$

$$\frac{x}{8}$$

$$\frac{x}{9}$$

$$\frac{x}{10}$$

$$\frac{x}{10}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{14}$$

$$\frac{x}{14}$$

$$\frac{x}{15}$$

$$\frac{x}{15}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{20}$$

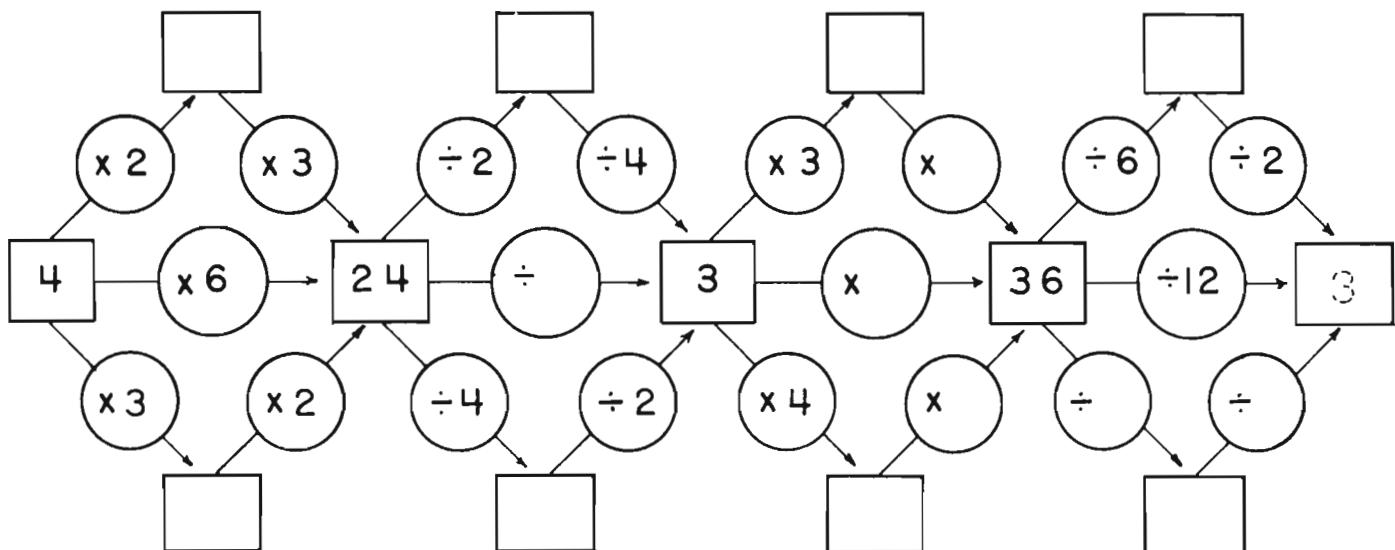
$$\frac{x}{20}$$

$$\frac{x}{21}$$

$$\frac{x}{21}$$

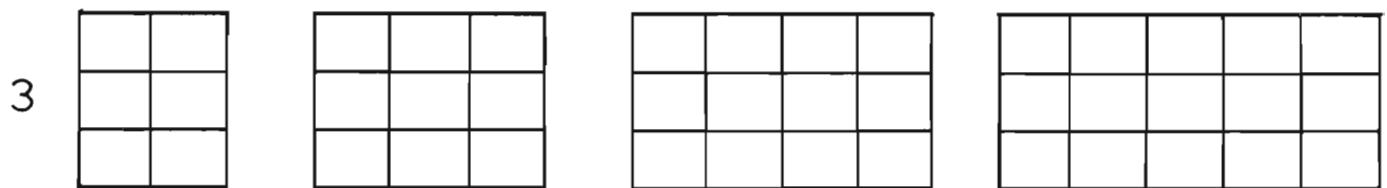
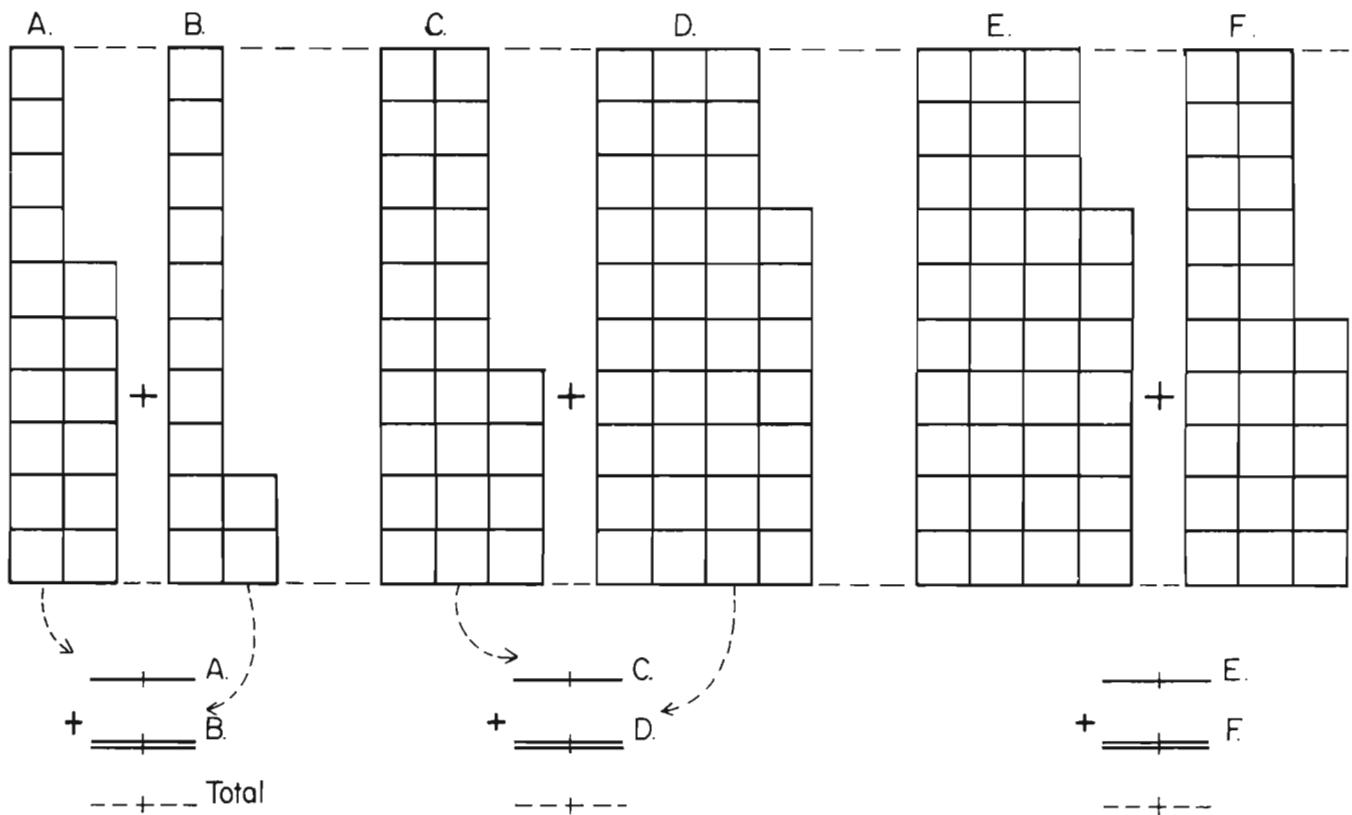
$$\frac{x}{24}$$

$$\frac{x}{24}$$



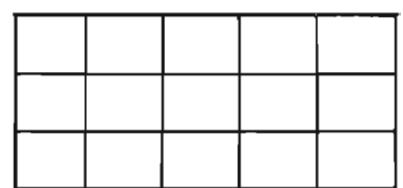
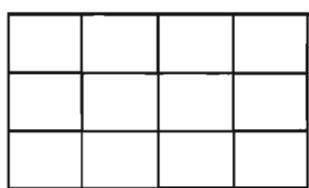
On Your Own

Usted Solo



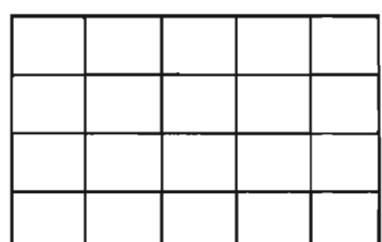
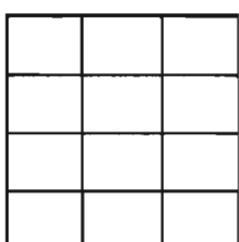
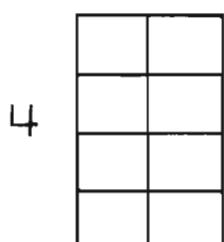
$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$\times$  \_\_\_\_\_



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

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



How do you feel?  
¿Cómo se siente?



$$4 \overline{) 8}$$

$$4 \overline{) }$$

$$4 \overline{) }$$

Dear Parents,

As in the previous CDA computation books, as your child completes each "Check-up" exercise you will receive a letter like this one. In this book your child will continue with the recording of addition and subtraction where "regrouping" (carrying and borrowing) is involved, and with multiplication and division.

In the first activity on the back of this page the boxes are grouped by tens and ones. This "place value" sketch continues to be a very important representation of the mathematical shorthand your child has completed - one can "see" what's happening. As the book progresses these sketches will be phased out, as on certain pages they already have been. In the meantime they serve as valuable referents, especially on testing pages, to prepare for the move to the abstract level with confidence. Though sometimes it's hard to resist the urge, we cannot hurry children past this representational level -- without bypassing understanding and creating the insecurities and confusions with math that so many of us are all too familiar with.

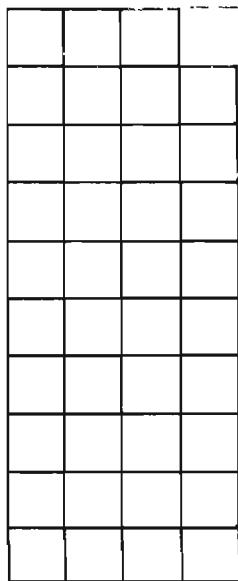
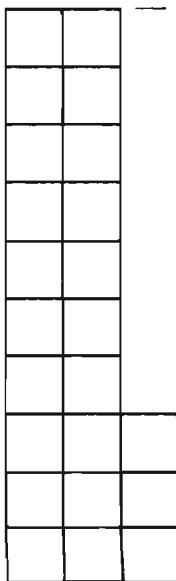
A similar representation appears with the multiplication and division activities, but here the arrangement is to suggest multiples of boxes. You can see that your child can now "read" these pictures and translate them into the standard notations of multiplication and division. This is an important step, demonstrating the growth of a solid understanding of these operations, which have a concrete meaning rather than an identity solely on a memorized times table.

You can help at home by pointing out "everyday" sorts of division and multiplication - i.e.: with 2 dozen cookies in a package, how many will be each person's share; how much will three 50¢ felt pens cost; how many toes are there in our family, how many ears! etc. Again we remind you to do such activities with your child only when you both can do so in a friendly, fun sort of way, remembering that pleasure and self-confidence assist in the learning of math more than anything else. Thanks for your help!

Sincerely,

Please color the number of boxes to be subtracted.

Favor de pintar de color el número de cuadros para restar.



Related examples  
Ejemplos relacionados

$$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 15 \\ \hline \end{array}$$

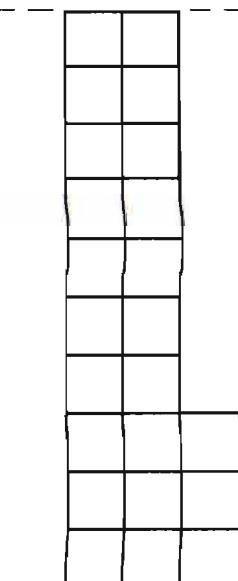
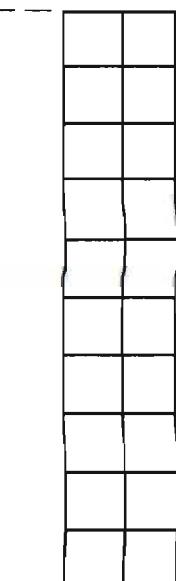
$$\begin{array}{r} 43 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 36 \\ \hline \end{array}$$



$$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 15 \\ \hline \end{array}$$

E.

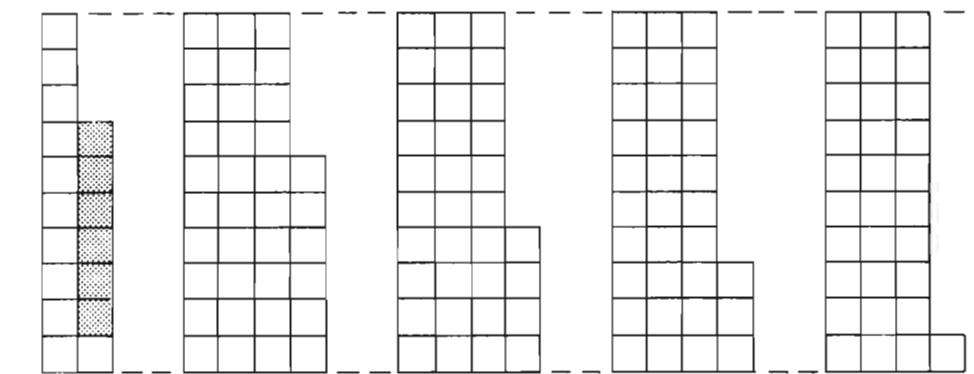
F.

G.

H.

A.	B.	C.	D.
7	14	17	13

E.	F.	G.	H.
9	9	12	8



$$\begin{array}{r} \underline{17} \\ - 6 \\ \hline \underline{11} \end{array}$$

A.

$$\begin{array}{r} \underline{\quad} \\ - 6 \\ \hline \underline{\quad} \end{array}$$

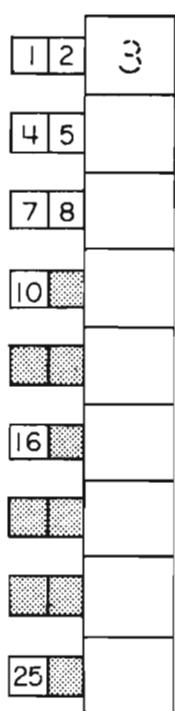
B.

$$\begin{array}{r} \underline{\quad} \\ - 6 \\ \hline \underline{\quad} \end{array}$$

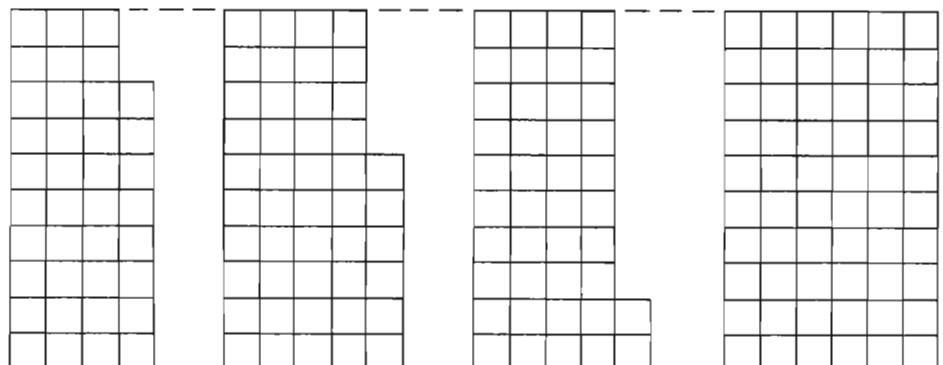
C.

$$\begin{array}{r} \underline{\quad} \\ - 6 \\ \hline \underline{\quad} \end{array}$$

D.

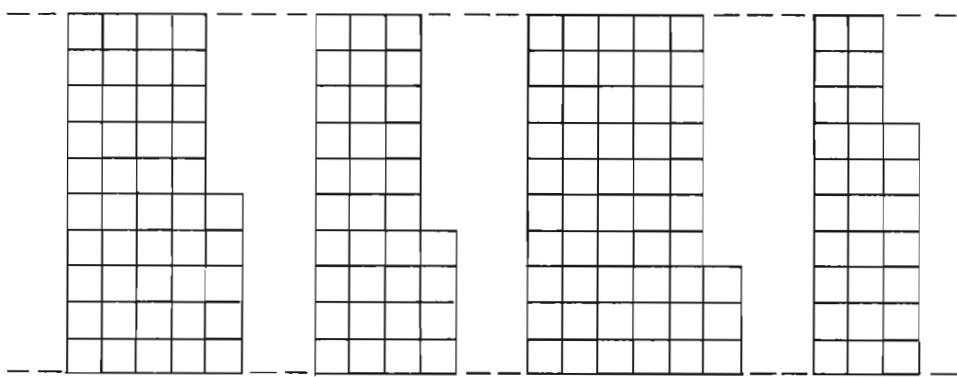


A.	B.	C.	D.
29	29	27	25
30	28	29	24



E.	F.	G.	H.
22	32	18	28
24	30	16	34

Please make up your own examples.	Favor de hacer sus propios ejemplos.
 $\begin{array}{r} \underline{14} \\ - 15 \\ \hline \underline{\quad} \end{array}$	 $\begin{array}{r} \underline{\quad} \\ - 15 \\ \hline \underline{\quad} \end{array}$
 $\begin{array}{r} \underline{\quad} \\ - 15 \\ \hline \underline{\quad} \end{array}$	 $\begin{array}{r} \underline{\quad} \\ - 15 \\ \hline \underline{\quad} \end{array}$



Related examples  
Ejemplos relacionados

$$\underline{-15}$$

\_\_\_\_\_ A.

$$\underline{-15}$$

\_\_\_\_\_ B.

$$\underline{-15}$$

\_\_\_\_\_ C.

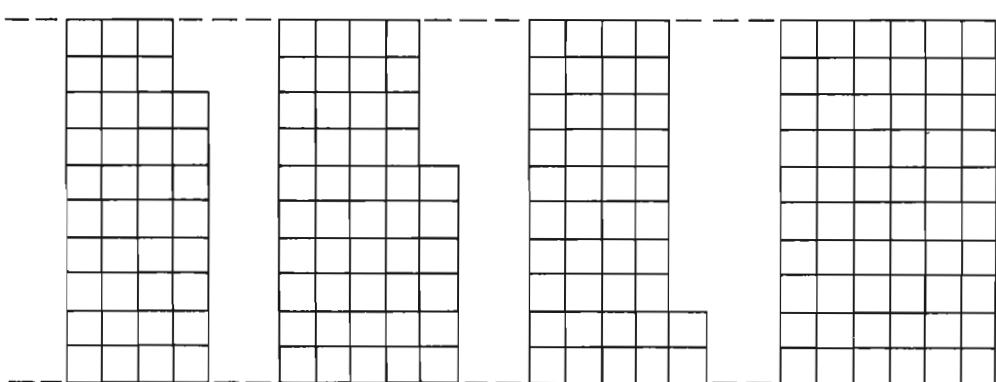
$$\underline{-15}$$

\_\_\_\_\_ D.

$$\underline{-12}$$

$$\underline{-22}$$

\_\_\_\_\_ B.



$$\underline{-19}$$

$$\underline{-19}$$

\_\_\_\_\_ A.

$$\underline{-19}$$

$$\underline{-29}$$

\_\_\_\_\_ C.

$$\underline{-29}$$

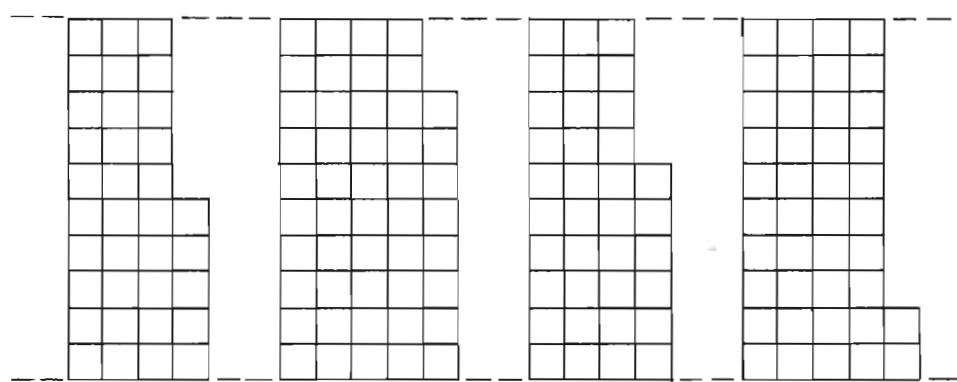
$$\underline{-19}$$

\_\_\_\_\_ D.

$$\underline{-29}$$

$$\underline{-39}$$

\_\_\_\_\_ E.



$$\underline{-17}$$

\_\_\_\_\_ D.

$$\underline{-32}$$

\_\_\_\_\_ E.

$$\underline{-28}$$

\_\_\_\_\_ A.

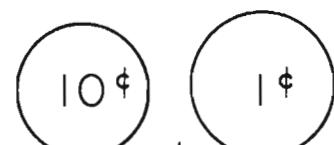
$$\underline{-29}$$

\_\_\_\_\_ B.

A.	B.	C.	D.	E.
30	16	4	12	16
13	13	38	18	5
8	19	34	24	22



dimes  
dieces



$$\begin{array}{r} 2 \\ + 10 \\ \hline \end{array} = 30 \text{¢}$$

$$\begin{array}{r} 1 \\ + 24 \\ \hline \end{array} = 34 \text{¢}$$

$$\begin{array}{r} 10 \\ + 0 \\ \hline \end{array} = 100 \text{¢}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array} = \text{¢}_A$$

$$\begin{array}{r} 3 \\ + 12 \\ \hline \end{array} = \text{¢}_C$$

$$\begin{array}{r} 1 \\ + 37 \\ \hline \end{array} = \text{¢}_F$$

$$\begin{array}{r} 0 \\ + 15 \\ \hline \end{array} = 15 \text{¢}$$

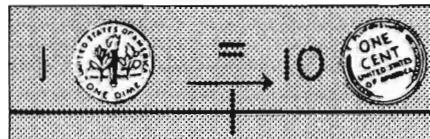
$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array} = \text{¢}_D$$

$$\begin{array}{r} 5 \\ + 19 \\ \hline \end{array} = \text{¢}_G$$

$$\begin{array}{r} 2 \\ + 15 \\ \hline \end{array} = \text{¢}_B$$

$$\begin{array}{r} 6 \\ + 10 \\ \hline \end{array} = \text{¢}_E$$

$$\begin{array}{r} 9 \\ + 12 \\ \hline \end{array} = \text{¢}_H$$



$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array} = 23 \text{¢}$$

$$\begin{array}{r} 2 \\ + 13 \\ \hline \end{array} = 23 \text{¢}$$

$$\begin{array}{r} 0 \\ + 15 \\ \hline \end{array} = \text{¢}_J$$

$$\begin{array}{r} - 1 \\ \hline 13 \\ \hline \end{array} = 23 \text{¢}$$

$$\begin{array}{r} - 1 \\ \hline 5 \\ \hline \end{array} = \text{¢}_I$$

$$\begin{array}{r} - 1 \\ \hline 5 \\ \hline \end{array} = \text{¢}_A$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}$$

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

$$\begin{array}{r} 3 \\ + 10 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 3 \\ + 0 \\ \hline \end{array} = \text{¢}_D$$

$$\begin{array}{r} - 1 \\ \hline 4 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} - 1 \\ \hline 8 \\ \hline \end{array} = \text{¢}_J$$

$$\begin{array}{r} - 1 \\ \hline 7 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}_B$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}_C$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}_E$$

$$\begin{array}{r} 4 \\ 5 \\ + 2 \\ \hline \end{array} = \text{¢}_F$$

$$\begin{array}{r} 2 \\ 3 \\ + 1 \\ \hline \end{array} = \text{¢}_H$$

A.	B.	C.	D.	E.
17	35	22	48	23
15	23	42	40	70

$$\begin{array}{r} - 1 \\ \hline 9 \\ \hline \end{array} = \text{¢}$$

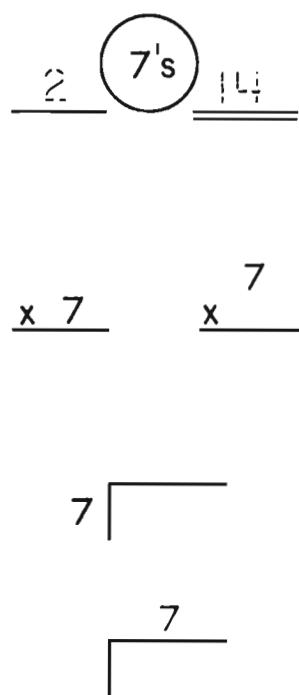
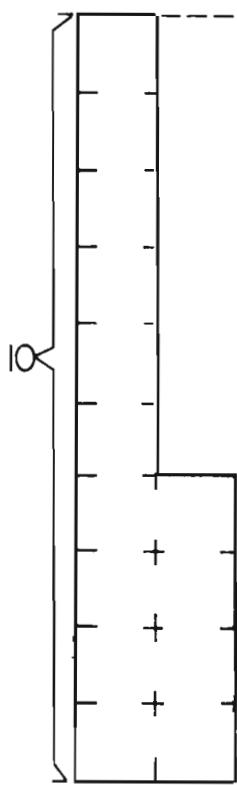
$$\begin{array}{r} - 0 \\ \hline 9 \\ \hline \end{array} = \text{¢}$$

F.	G.	H.	I.	J.
52	69	102	22	15
47	33	31	15	18

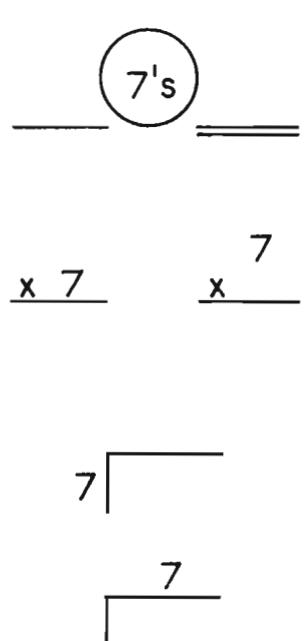
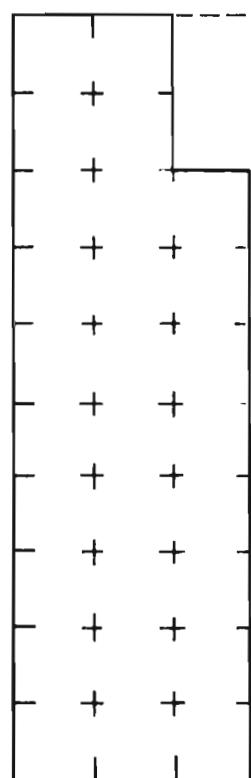
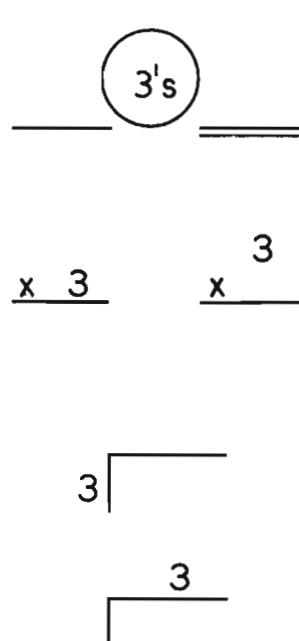
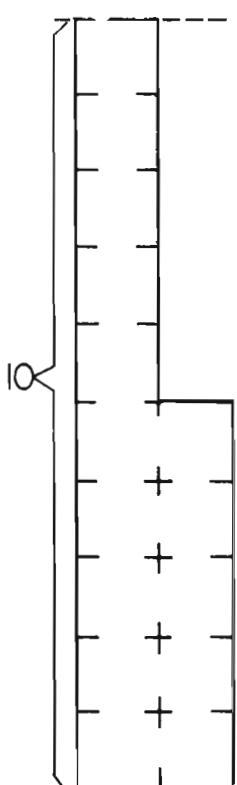
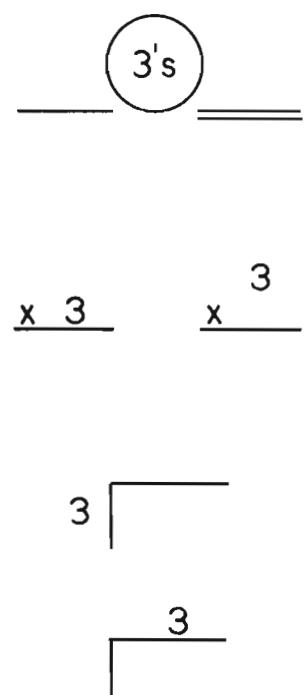
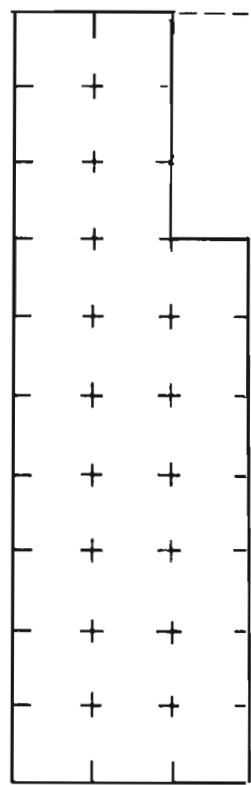
$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}_G$$

$$\begin{array}{r} \hline \hline \\ \hline \end{array} = \text{¢}_I$$

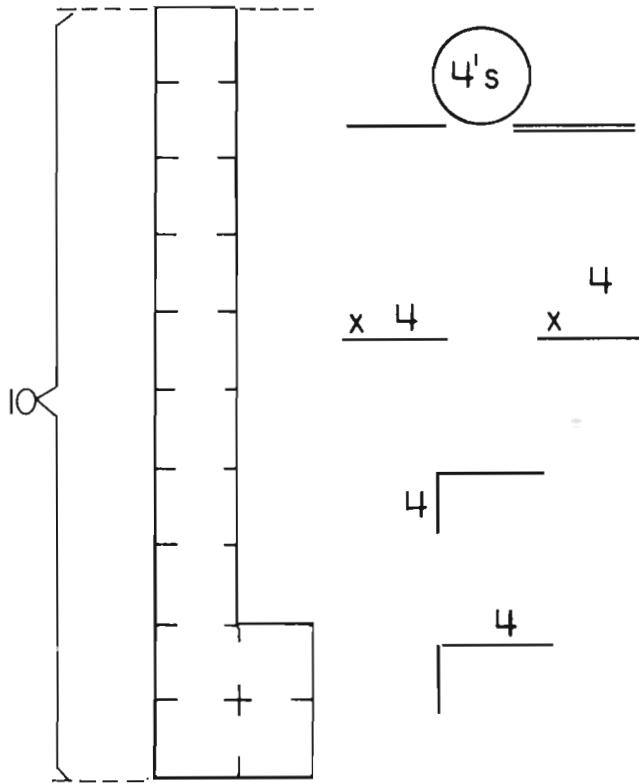
FENCING



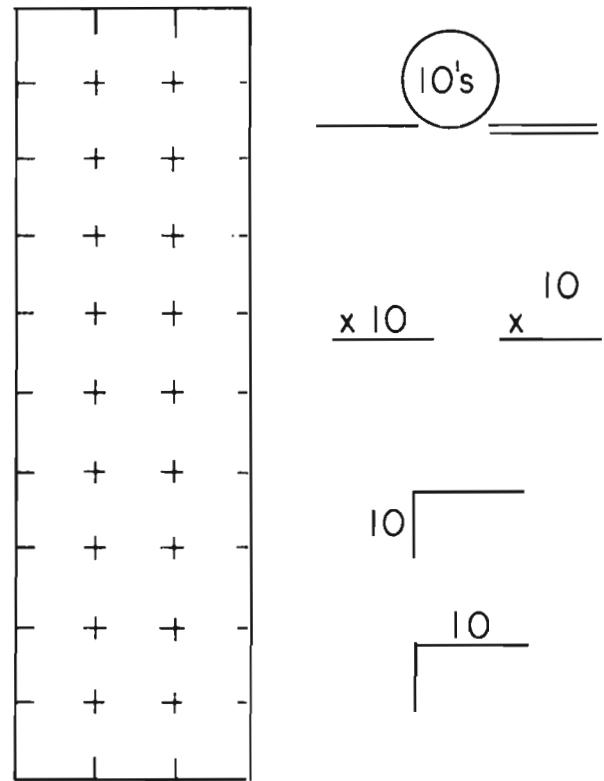
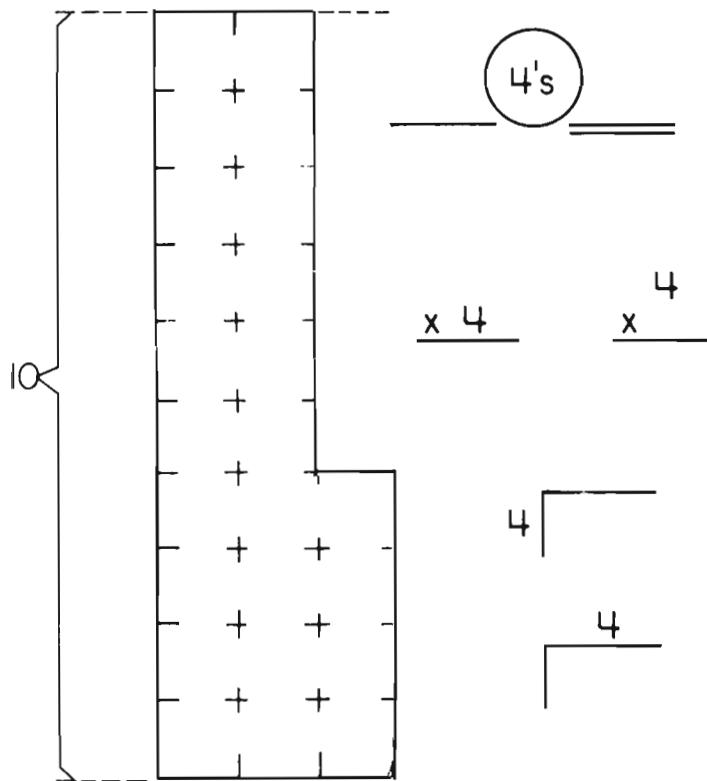
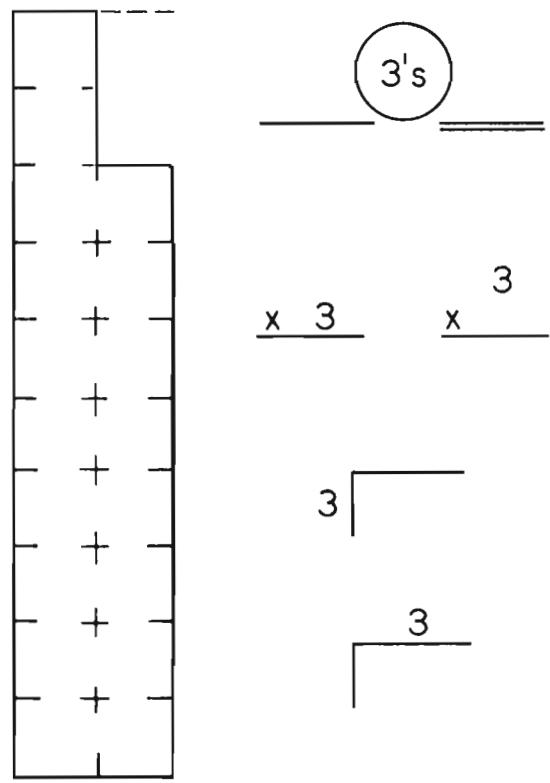
CERCANDO



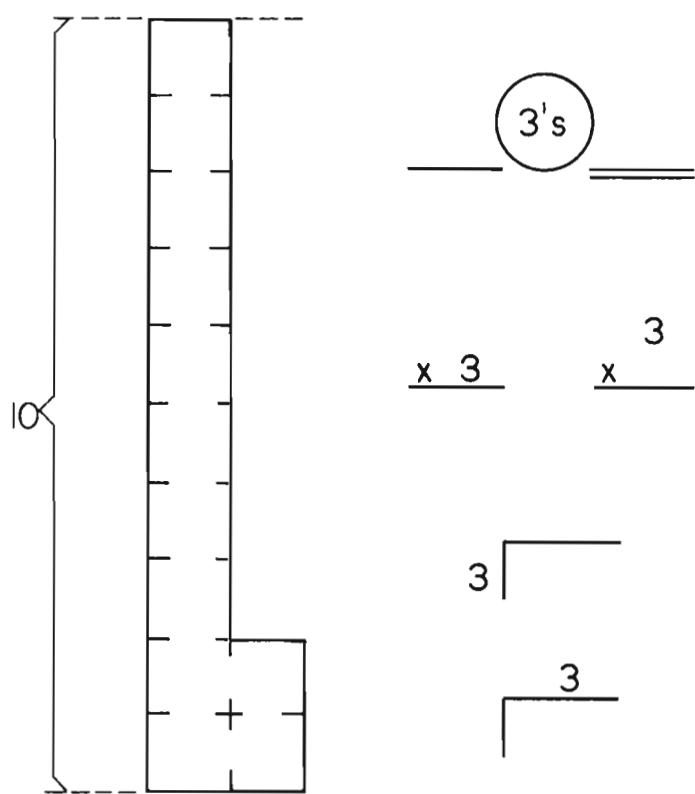
FENCING



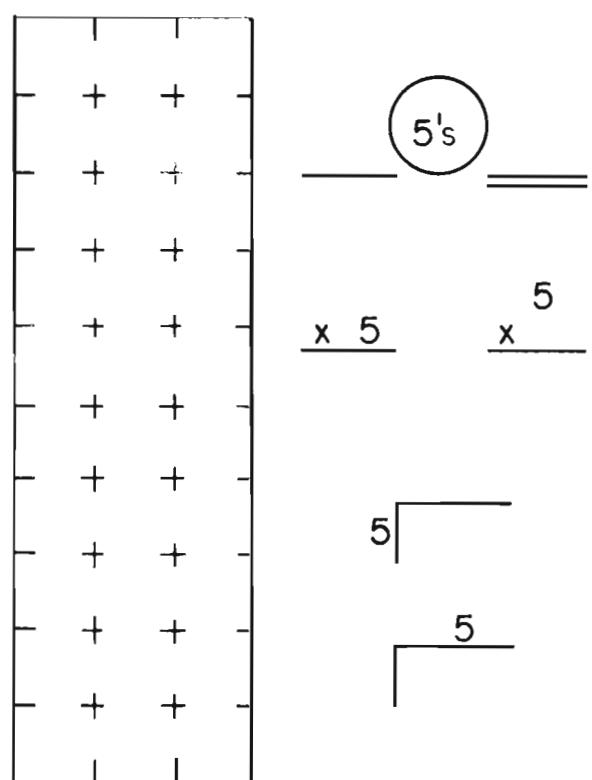
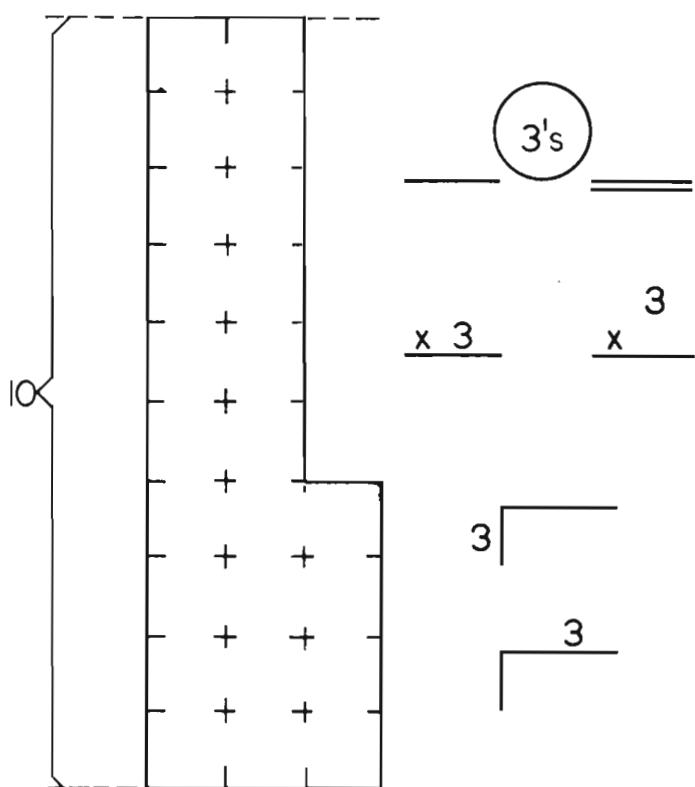
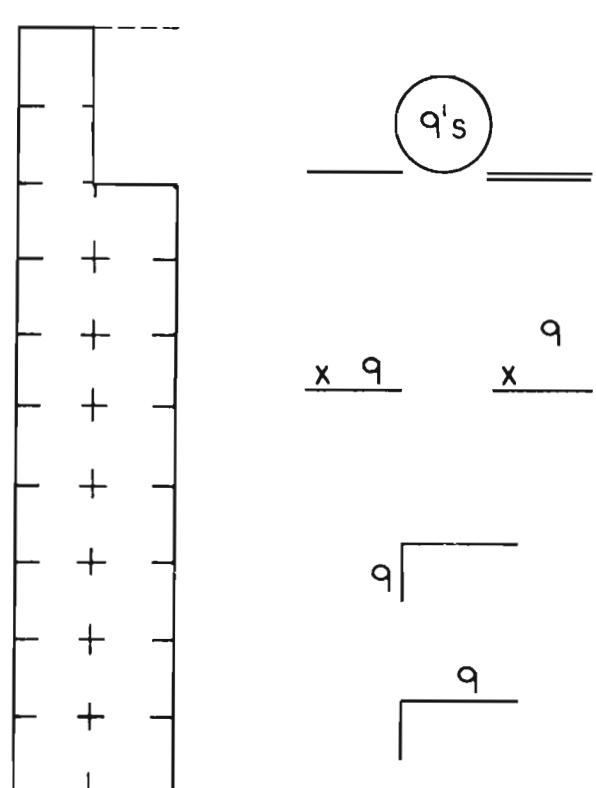
CERCANDO



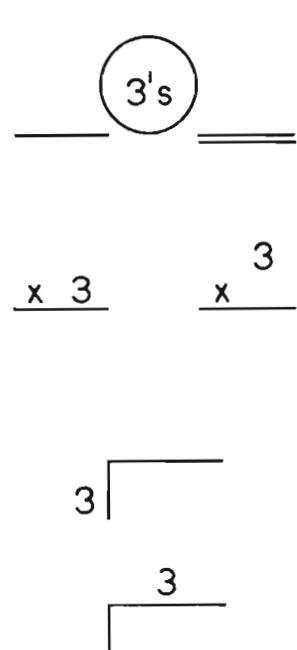
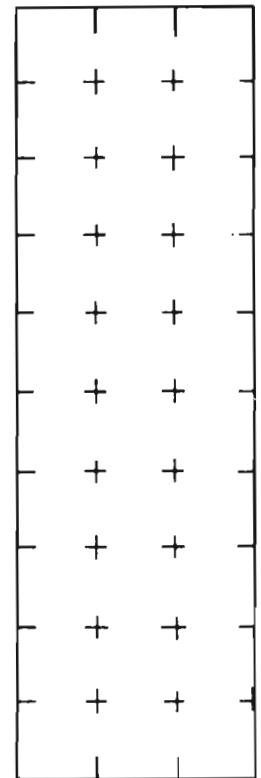
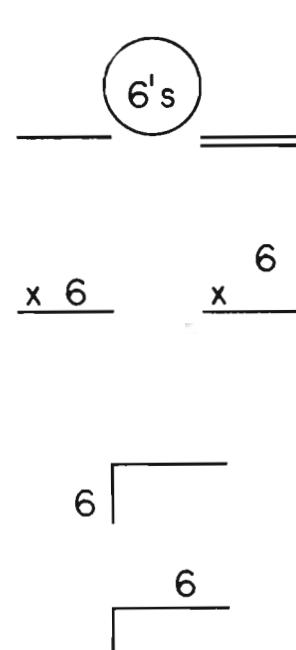
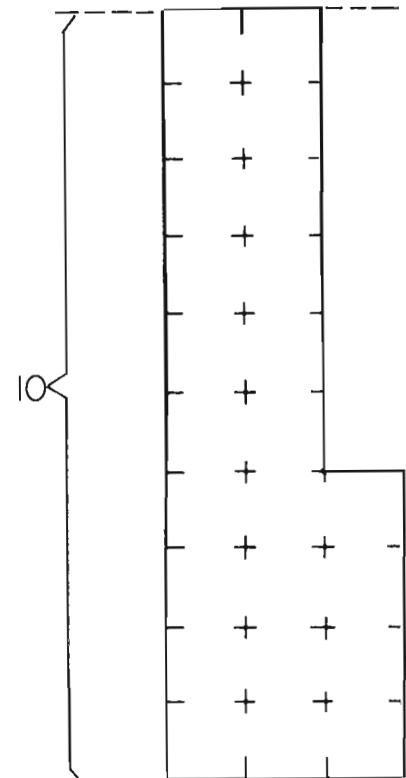
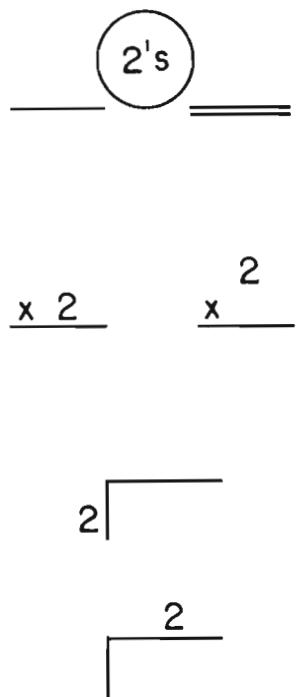
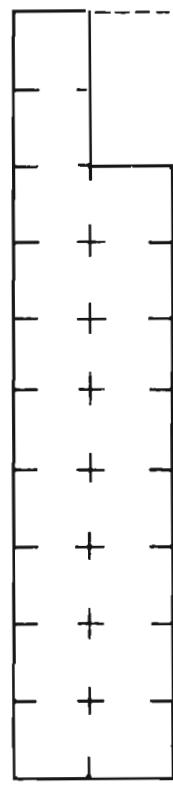
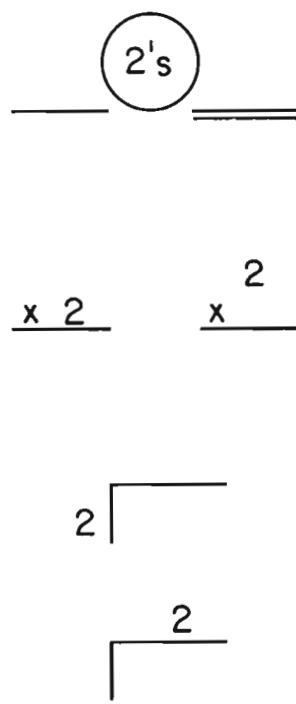
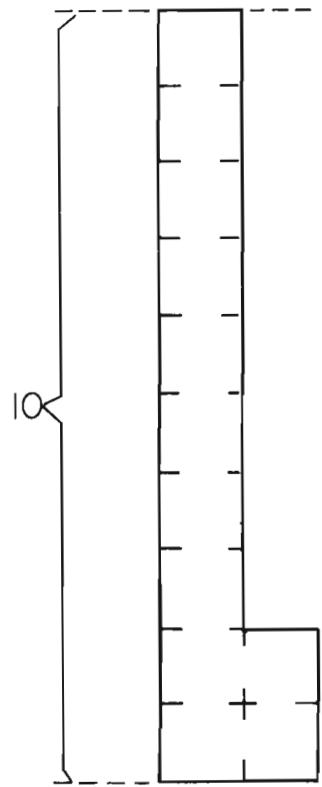
FENCING



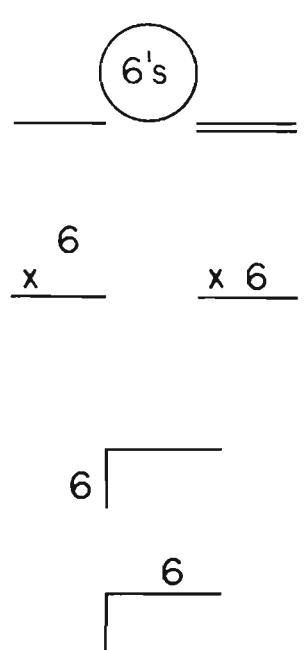
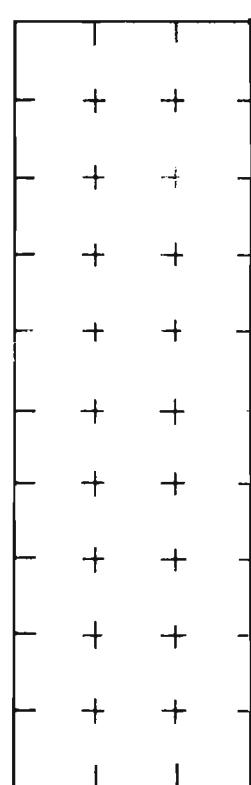
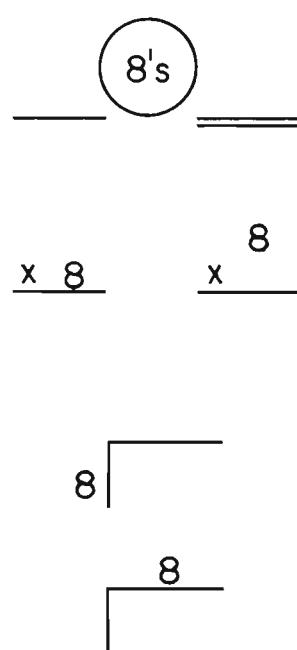
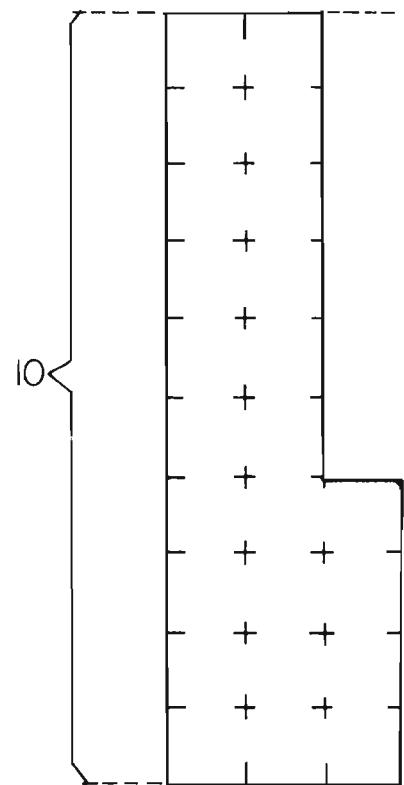
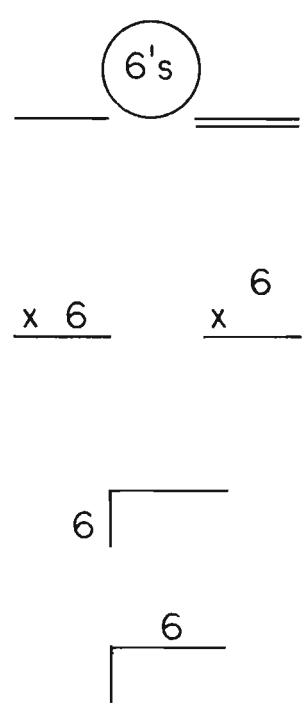
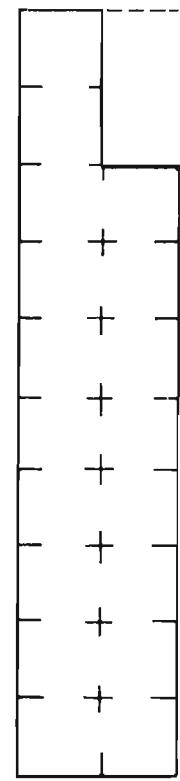
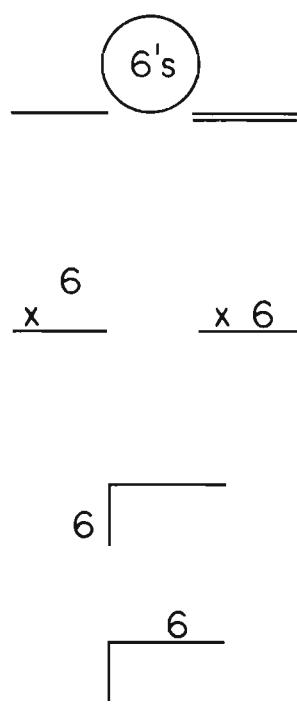
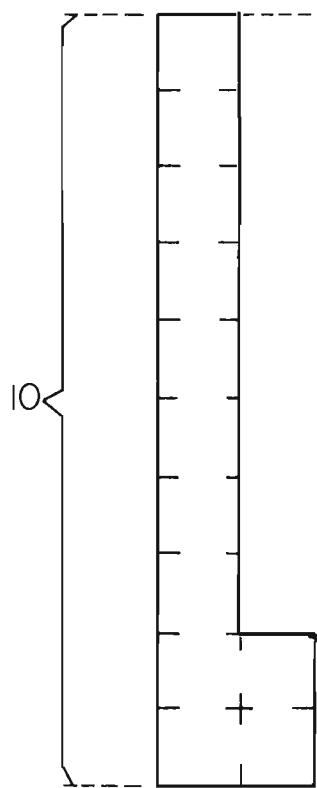
CERCANDO



## FENCING



FENCING



From the List

De la Lista

2 , 3 , 4 , 5 , 6 , 7 , 8 , 9

Please make all examples different.

Favor de hacer todos los ejemplos diferentes.

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{14}$$

$$\frac{x}{14}$$

$$\frac{x}{15}$$

$$\frac{x}{15}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{20}$$

$$\frac{x}{20}$$

$$\frac{x}{21}$$

$$\frac{x}{21}$$

$$\frac{x}{24}$$

$$\frac{x}{24}$$

$$\frac{x}{24}$$

$$\frac{x}{24}$$

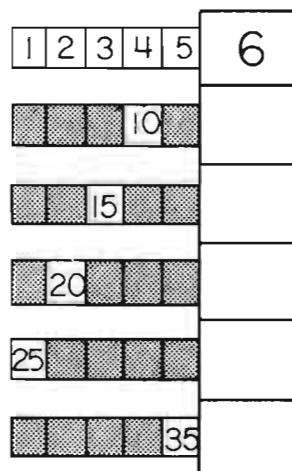
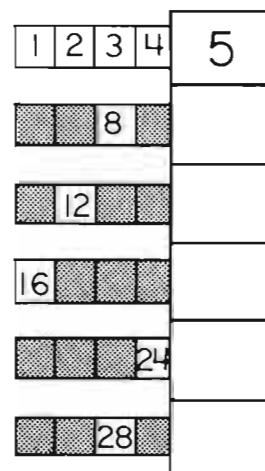
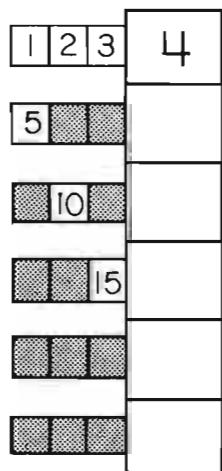
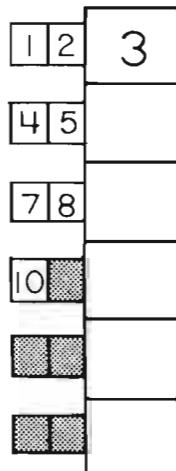
$$\frac{x}{25}$$

$$\frac{x}{27}$$

$$\frac{x}{27}$$

$$\frac{x}{28}$$

$$\frac{x}{28}$$



How many do you remember?

¿De cuántos se acuerda usted?

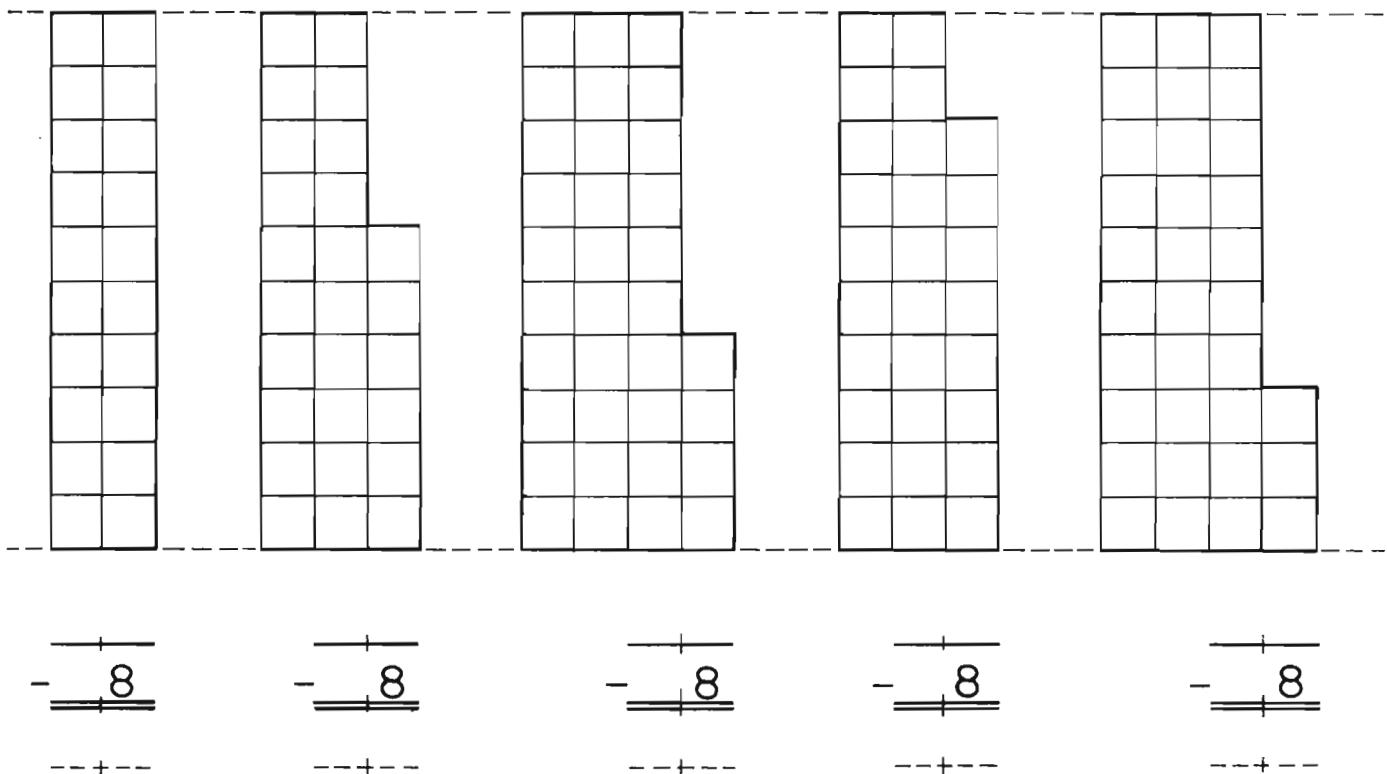
How many above the heavy line  
do you remember?

¿De cuántos de los que están sobre  
la linea gruesa se acuerda usted?

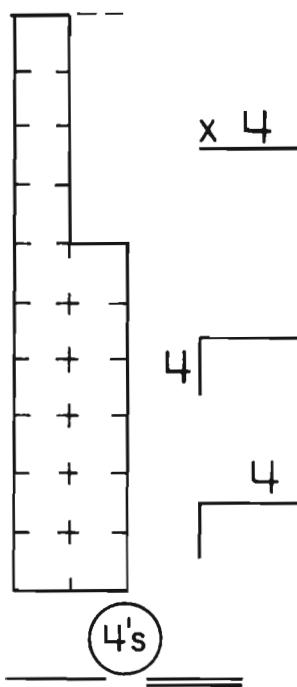
$\frac{0}{x \ 0}$	$\frac{1}{x \ 0}$	$\frac{2}{x \ 0}$	$\frac{3}{x \ 0}$	$\frac{4}{x \ 0}$	$\frac{5}{x \ 0}$	$\frac{6}{x \ 0}$	$\frac{7}{x \ 0}$	$\frac{8}{x \ 0}$	$\frac{9}{x \ 0}$
$\frac{0}{x \ 1}$	$\frac{1}{x \ 1}$	$\frac{2}{x \ 1}$	$\frac{3}{x \ 1}$	$\frac{4}{x \ 1}$	$\frac{5}{x \ 1}$	$\frac{6}{x \ 1}$	$\frac{7}{x \ 1}$	$\frac{8}{x \ 1}$	$\frac{9}{x \ 1}$
$\frac{0}{x \ 2}$	$\frac{1}{x \ 2}$	$\frac{2}{x \ 2}$	$\frac{3}{x \ 2}$	$\frac{4}{x \ 2}$	$\frac{5}{x \ 2}$	$\frac{6}{x \ 2}$	$\frac{7}{x \ 2}$	$\frac{8}{x \ 2}$	$\frac{9}{x \ 2}$
$\frac{0}{x \ 3}$	$\frac{1}{x \ 3}$	$\frac{2}{x \ 3}$	$\frac{3}{x \ 3}$	$\frac{4}{x \ 3}$	$\frac{5}{x \ 3}$	$\frac{6}{x \ 3}$	$\frac{7}{x \ 3}$	$\frac{8}{x \ 3}$	$\frac{9}{x \ 3}$
$\frac{0}{x \ 4}$	$\frac{1}{x \ 4}$	$\frac{2}{x \ 4}$	$\frac{3}{x \ 4}$	$\frac{4}{x \ 4}$	$\frac{5}{x \ 4}$	$\frac{6}{x \ 4}$	$\frac{7}{x \ 4}$	$\frac{8}{x \ 4}$	$\frac{9}{x \ 4}$
$\frac{0}{x \ 5}$	$\frac{1}{x \ 5}$	$\frac{2}{x \ 5}$	$\frac{3}{x \ 5}$	$\frac{4}{x \ 5}$	$\frac{5}{x \ 5}$	$\frac{6}{x \ 5}$	$\frac{7}{x \ 5}$	$\frac{8}{x \ 5}$	$\frac{9}{x \ 5}$
$\frac{0}{x \ 6}$	$\frac{1}{x \ 6}$	$\frac{2}{x \ 6}$	$\frac{3}{x \ 6}$	$\frac{4}{x \ 6}$	$\frac{5}{x \ 6}$	$\frac{6}{x \ 6}$	$\frac{7}{x \ 6}$	$\frac{8}{x \ 6}$	$\frac{9}{x \ 6}$
$\frac{0}{x \ 7}$	$\frac{1}{x \ 7}$	$\frac{2}{x \ 7}$	$\frac{3}{x \ 7}$	$\frac{4}{x \ 7}$	$\frac{5}{x \ 7}$	$\frac{6}{x \ 7}$	$\frac{7}{x \ 7}$	$\frac{8}{x \ 7}$	$\frac{9}{x \ 7}$
$\frac{0}{x \ 8}$	$\frac{1}{x \ 8}$	$\frac{2}{x \ 8}$	$\frac{3}{x \ 8}$	$\frac{4}{x \ 8}$	$\frac{5}{x \ 8}$	$\frac{6}{x \ 8}$	$\frac{7}{x \ 8}$	$\frac{8}{x \ 8}$	$\frac{9}{x \ 8}$
$\frac{0}{x \ 9}$	$\frac{1}{x \ 9}$	$\frac{2}{x \ 9}$	$\frac{3}{x \ 9}$	$\frac{4}{x \ 9}$	$\frac{5}{x \ 9}$	$\frac{6}{x \ 9}$	$\frac{7}{x \ 9}$	$\frac{8}{x \ 9}$	$\frac{9}{x \ 9}$

On Your Own

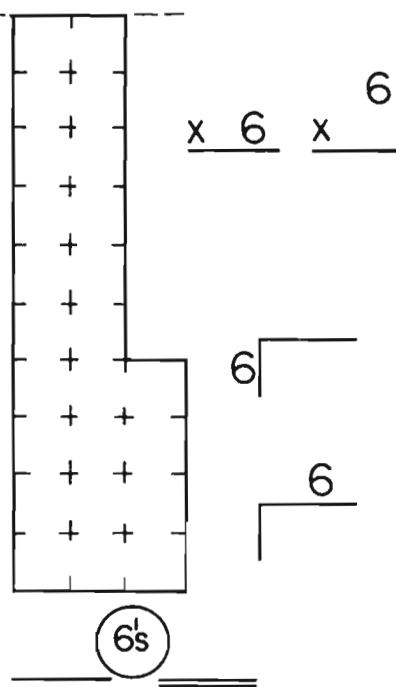
Usted Solo



Fencing

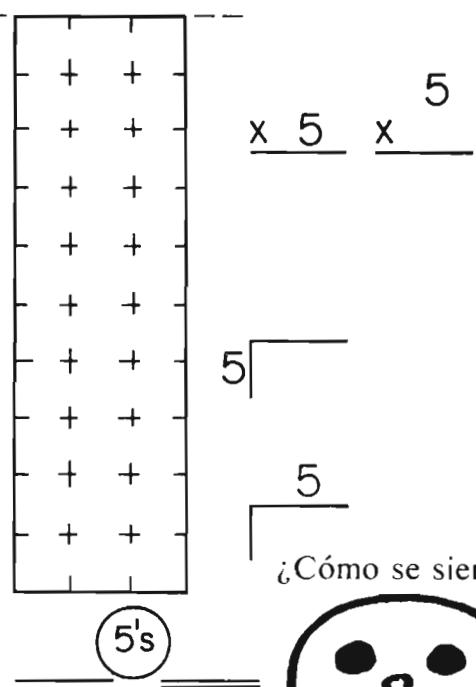


4's



6's

Cercando



5's

¿Cómo se siente?



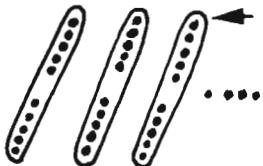
How do you feel?

Dear Parents,

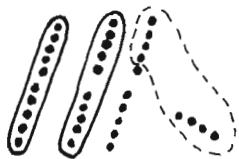
On the check-up exercise on the back of this page your child has successfully computed subtraction problems where "regrouping" (borrowing) was necessary. The place value sketches are still there, though you may have seen pages coming home prior to this one where there were no sketches for a number of problems. For some children these representations are no longer needed, but can still be used for "self-checking".

If your child is using the pictures then the need is probably still there. You can ask your child about the process used to do the subtraction. If the concept of regrouping the tens and ones is still a little shady, you may be able to help with the use of 10-sticks and loose beans, as suggested in the previous book, or with dimes and pennies.

$$\begin{array}{r} 34 \\ - 8 \\ \hline \end{array}$$



$$\begin{array}{r} 24 \\ - 8 \\ \hline 26 \end{array}$$

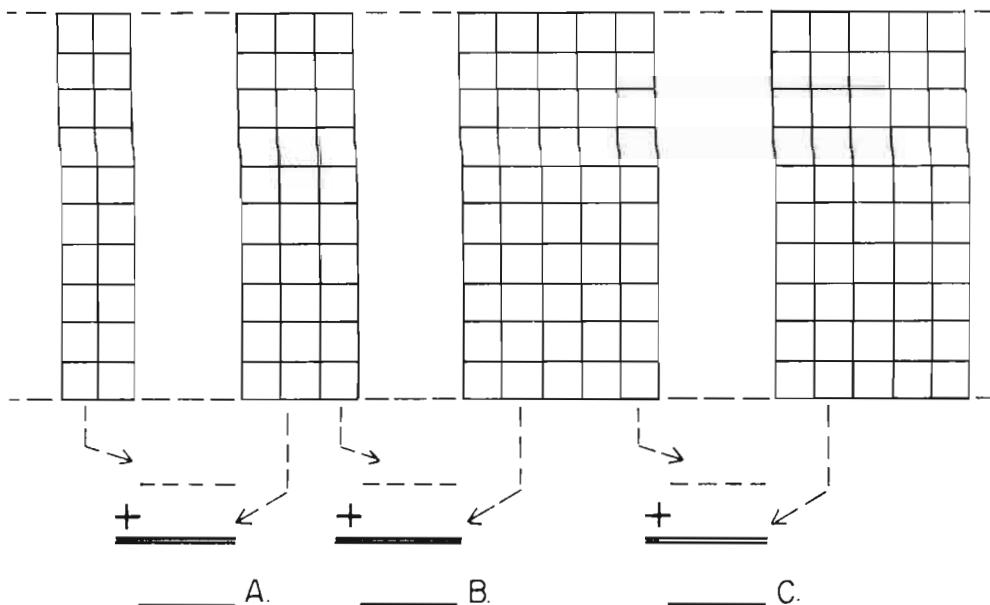


You have to trade this for 10 loose beans, mark on the notation that you now have only 2 tens (ten sticks, dimes) and complete the subtraction, working with the ones (loose beans, pennies) first.

This is a very difficult activity for many children to learn to perform at

the abstract level, so it's important to give as much time as necessary to manipulations and representations. Once frustration and failure begin, chances for learning diminish quickly. We can't stress enough that the child's attitude about math and about himself as a participant in the activities of math are the decisive factors in what is learned. So we can all learn more math if we take the time needed for clarity and enjoyment! All the support and encouragement you can give your child is so valuable - and well appreciated.

Sincerely,



Related examples  
Ejemplos relacionados

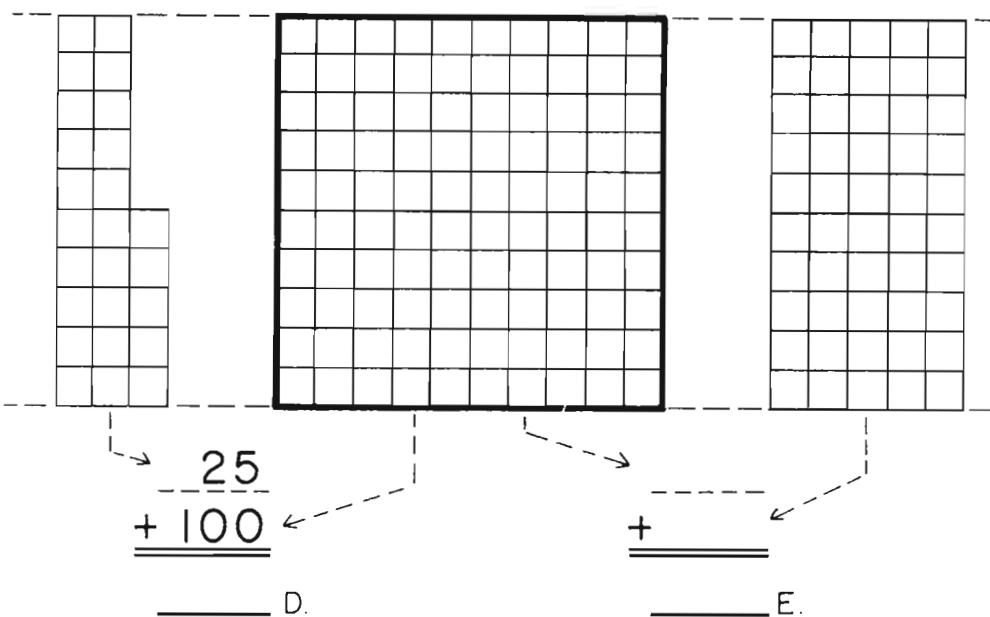
$$\begin{array}{r} 40 \\ + 50 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 50 \\ \hline \end{array} \quad \begin{array}{r} 60 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 25 \\ \hline \end{array} \quad \begin{array}{r} 25 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 25 \\ \hline \end{array} \quad \begin{array}{r} 35 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 25 \\ \hline \end{array} \quad \begin{array}{r} 45 \\ + 45 \\ \hline \end{array}$$



A.	B.	C.
50	80	95
40	70	100

Do you need sketches for the following?

¿Necesita dibujos para lo siguiente?

$$\begin{array}{r} 100 \\ + 15 \\ \hline \end{array} \quad \begin{array}{r} 100 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 100 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 100 \\ + 86 \\ \hline \end{array} \quad \begin{array}{r} 100 \\ + 100 \\ \hline \end{array}$$

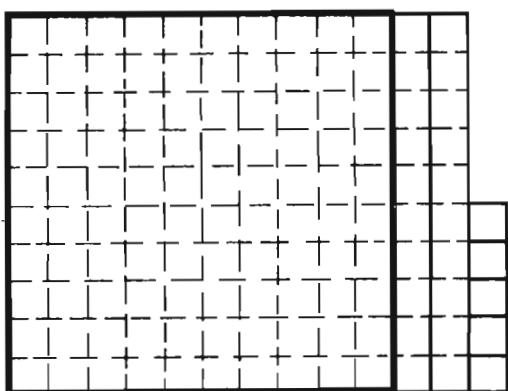
F.      G.      H.      I.      J.

D.	E.	F.
115	150	115
125	90	125

G.	H.	I.	J.
120	101	175	209
110	107	186	200

# 125 . . . and more

. . . y más



1 100's, 2 10's, 5 1's

$$\begin{array}{r} 125 \\ + 20 \\ \hline \end{array}$$

----- D.

$$\begin{array}{r} 125 \\ + 25 \\ \hline \end{array}$$

----- E.

$$\begin{array}{r} 125 \\ + 50 \\ \hline \end{array}$$

----- F.

$$\begin{array}{r} 125 \\ + 70 \\ \hline \end{array}$$

----- G.

$$\begin{array}{r} 125 \\ + 75 \\ \hline \end{array}$$

----- H.

$$\begin{array}{r} 125 \\ + 3 \\ \hline \end{array}$$

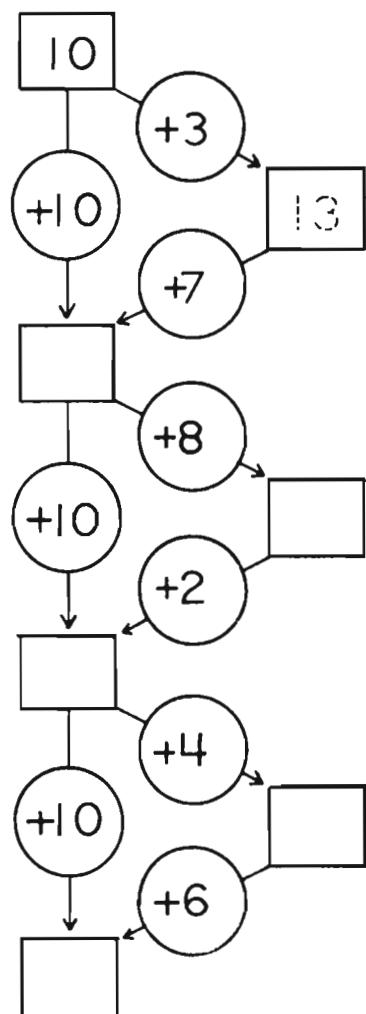
----- A.

$$\begin{array}{r} 125 \\ + 5 \\ \hline \end{array}$$

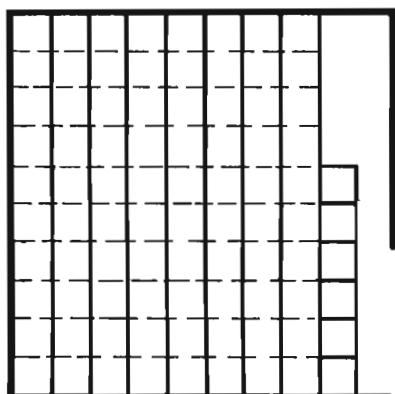
----- B.

$$\begin{array}{r} 125 \\ + 10 \\ \hline \end{array}$$

----- C.



# 86



0 100's, 0 10's, 6 1's

$$\begin{array}{r} 86 \\ + 3 \\ \hline \end{array}$$

----- C.

$$\begin{array}{r} 86 \\ + 4 \\ \hline \end{array}$$

----- D.

$$\begin{array}{r} 86 \\ + 12 \\ \hline \end{array}$$

----- E.

A.	B.	C.	D.	E.
128	6	93	145	120
8	130	89	130	98
72	19	135	90	150

$$\begin{array}{r} 86 \\ + 14 \\ \hline \end{array}$$

----- F.

$$\begin{array}{r} 86 \\ + 15 \\ \hline \end{array}$$

----- G.

$$\begin{array}{r} 86 \\ + 20 \\ \hline \end{array}$$

----- H.

$$\begin{array}{r} 86 \\ + 23 \\ \hline \end{array}$$

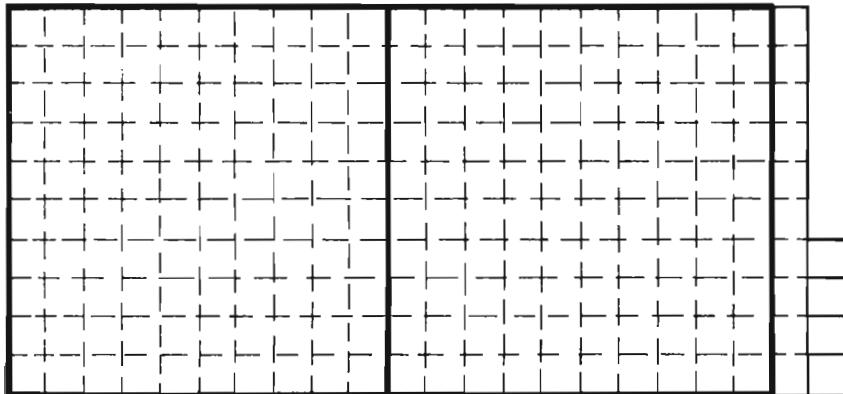
----- I.

$$\begin{array}{r} 86 \\ + 24 \\ \hline \end{array}$$

----- J.

F.	G.	H.	I.	J.
100	156	200	78	102
175	195	220	109	94
145	101	106	115	110

214



Related examples  
Ejemplos relacionados

$$\begin{array}{r} 14 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ + 18 \\ \hline \end{array}$$

— 100's, — 10's, — 1's

$$\begin{array}{r} 214 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 18 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ + 28 \\ \hline \end{array}$$

----- A.

----- B.

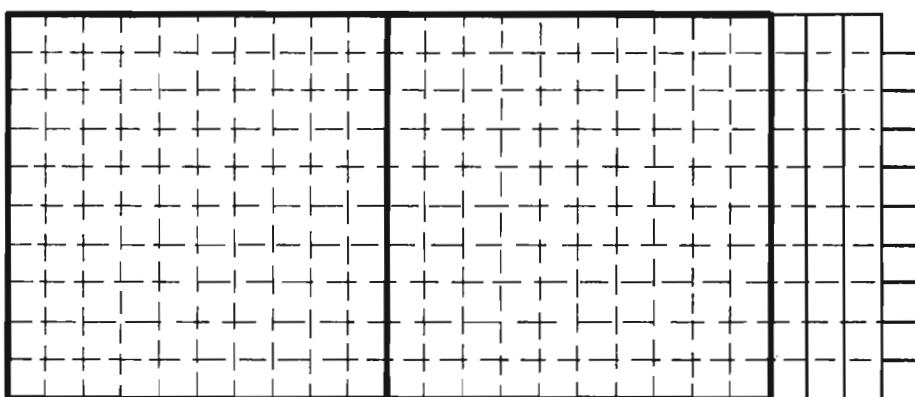
----- C.

----- D.

----- E.

$$\begin{array}{r} 24 \\ + 19 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ + 29 \\ \hline \end{array}$$

239 . . .



$$\begin{array}{r} 24 \\ + 39 \\ \hline \end{array} \quad \begin{array}{r} 29 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 34 \\ \hline \end{array} \quad \begin{array}{r} 49 \\ + 35 \\ \hline \end{array}$$

— 100's, — 10's, — 1's

$$\begin{array}{r} 239 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 239 \\ + 41 \\ \hline \end{array}$$

----- A.

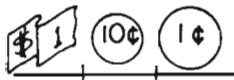
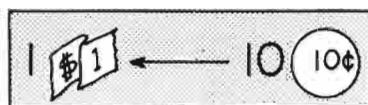
----- B.

----- C.

----- D.

----- E.

A.	B.	C.	D.	E.
219	227	222	249	280
240	249	232	279	263
234	220	250	268	251



$$\begin{array}{r}
 1 \ 5 \ 0 = 150\text{¢} \\
 + 2 \ 5 \ 0 = 250\text{¢} \\
 \hline
 4 \ 0 \ 0 = \text{¢}
 \end{array}
 \quad \text{A.}$$

$$\begin{array}{r}
 2 \ 7 \ 5 = \text{¢} \\
 + 1 \ 0 \ 7 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{B.}$$

$$\begin{array}{r}
 2 \ 7 \ 5 = \text{¢} \\
 + 1 \ 5 \ 0 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{C.}$$

$$\begin{array}{r}
 1 \ 6 \ 2 = \text{¢} \\
 + 3 \ 4 \ 3 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{D.}$$

$$\begin{array}{r}
 1 \ 2 \ 5 = \text{¢} \\
 + 1 \ 2 \ 5 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{E.}$$

$$\begin{array}{r}
 1 \ 5 \ 2 = \text{¢} \\
 + 1 \ 5 \ 2 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{F.}$$

$$\begin{array}{r}
 7 \ 6 \ 4 = \text{¢} \\
 + 1 \ 4 \ 5 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{A.}$$

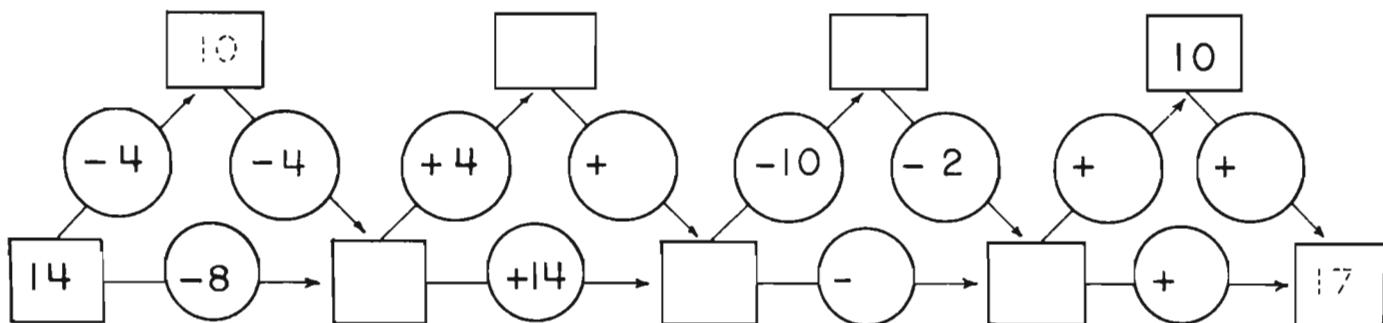
$$\begin{array}{r}
 7 \ 4 \ 6 = \text{¢} \\
 + 1 \ 4 \ 5 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{B.}$$

$$\begin{array}{r}
 2 \ 7 \ 5 = \text{¢} \\
 + 2 \ 5 = \text{¢} \\
 \hline
 \text{---} = \text{¢}
 \end{array}
 \quad \text{C.}$$

$$\begin{array}{r}
 25 \\
 + 25 \\
 \hline
 \text{D.}
 \end{array}
 \quad \begin{array}{r}
 50 \\
 + 50 \\
 \hline
 \text{E.}
 \end{array}
 \quad \begin{array}{r}
 75 \\
 + 75 \\
 \hline
 \text{F.}
 \end{array}
 \quad \begin{array}{r}
 1 \ 50 \\
 + 1 \ 50 \\
 \hline
 \text{A.}
 \end{array}
 \quad \begin{array}{r}
 1 \ 75 \\
 + 1 \ 75 \\
 \hline
 \text{B.}
 \end{array}$$

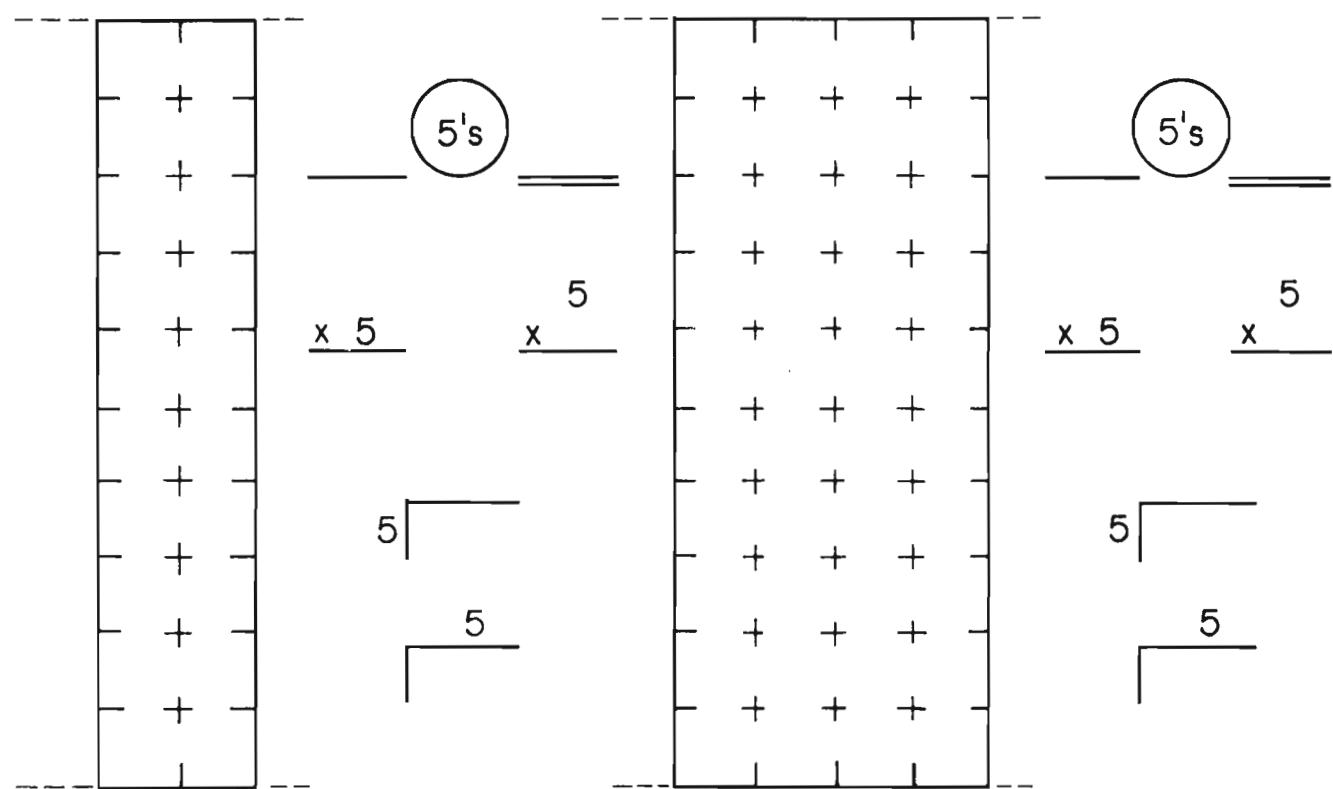
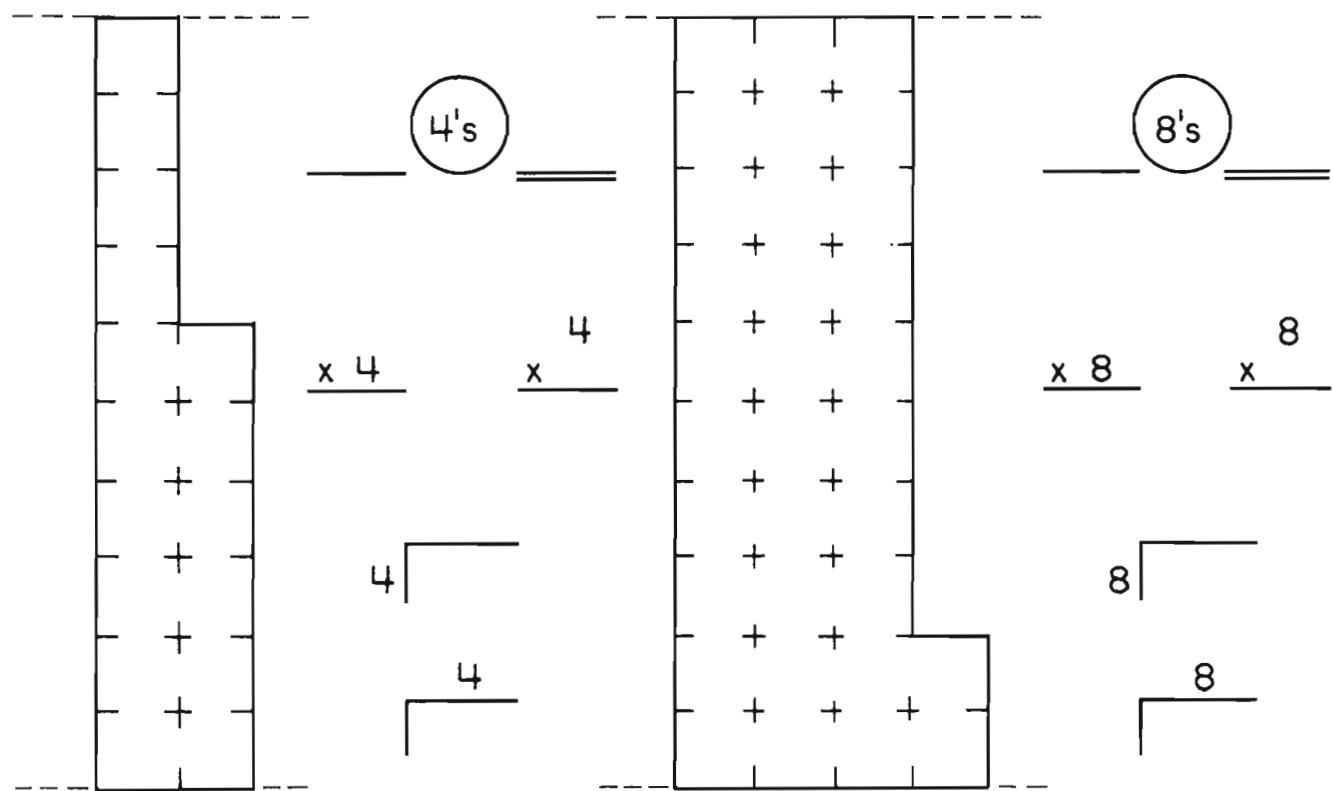
$$\begin{array}{r}
 18 - 9 = \text{---} \\
 \text{C.}
 \end{array}
 \quad \begin{array}{r}
 16 - 8 = \text{---} \\
 \text{D.}
 \end{array}
 \quad \begin{array}{r}
 15 - 6 = \text{---} \\
 \text{E.}
 \end{array}$$

A.	909	400	300
B.	382	350	891
C.	9	300	425
D.	50	505	8
E.	9	100	250
F.	304	225	150



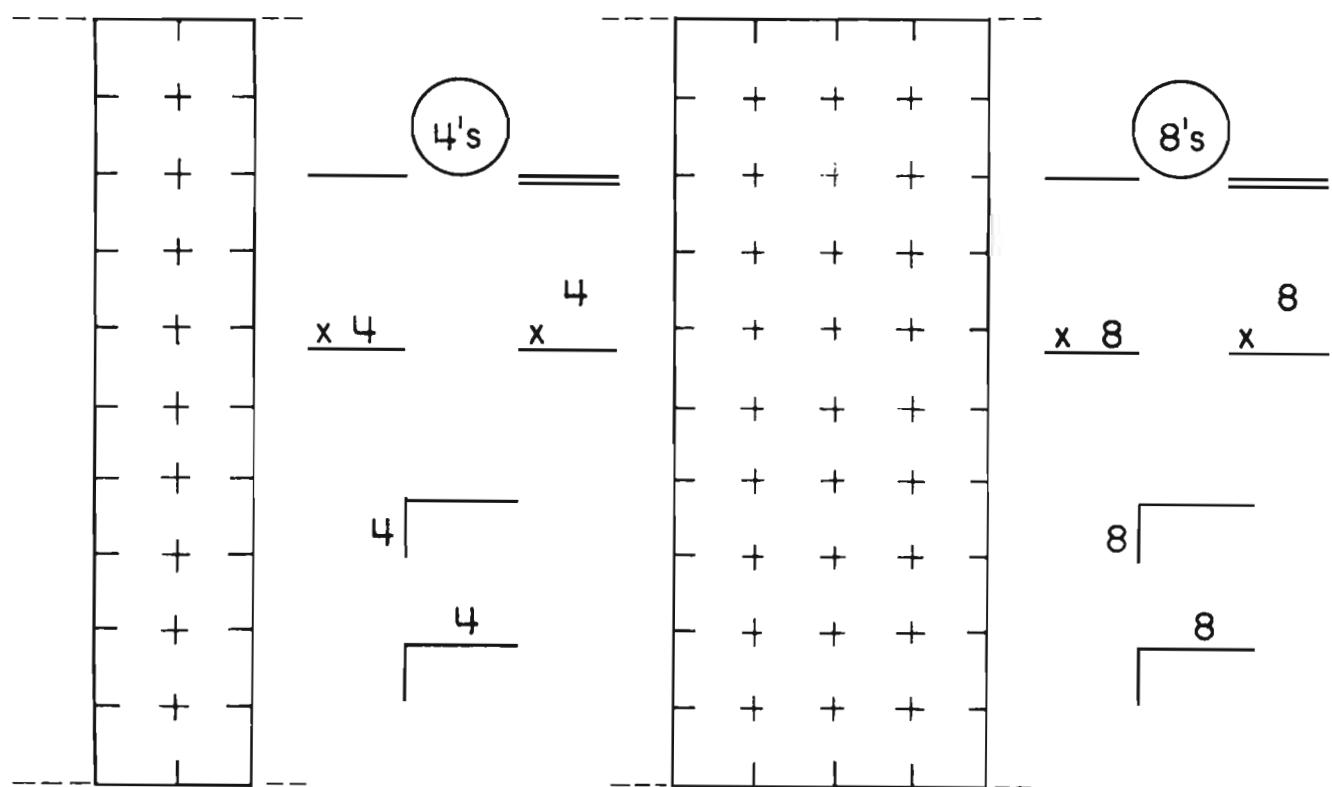
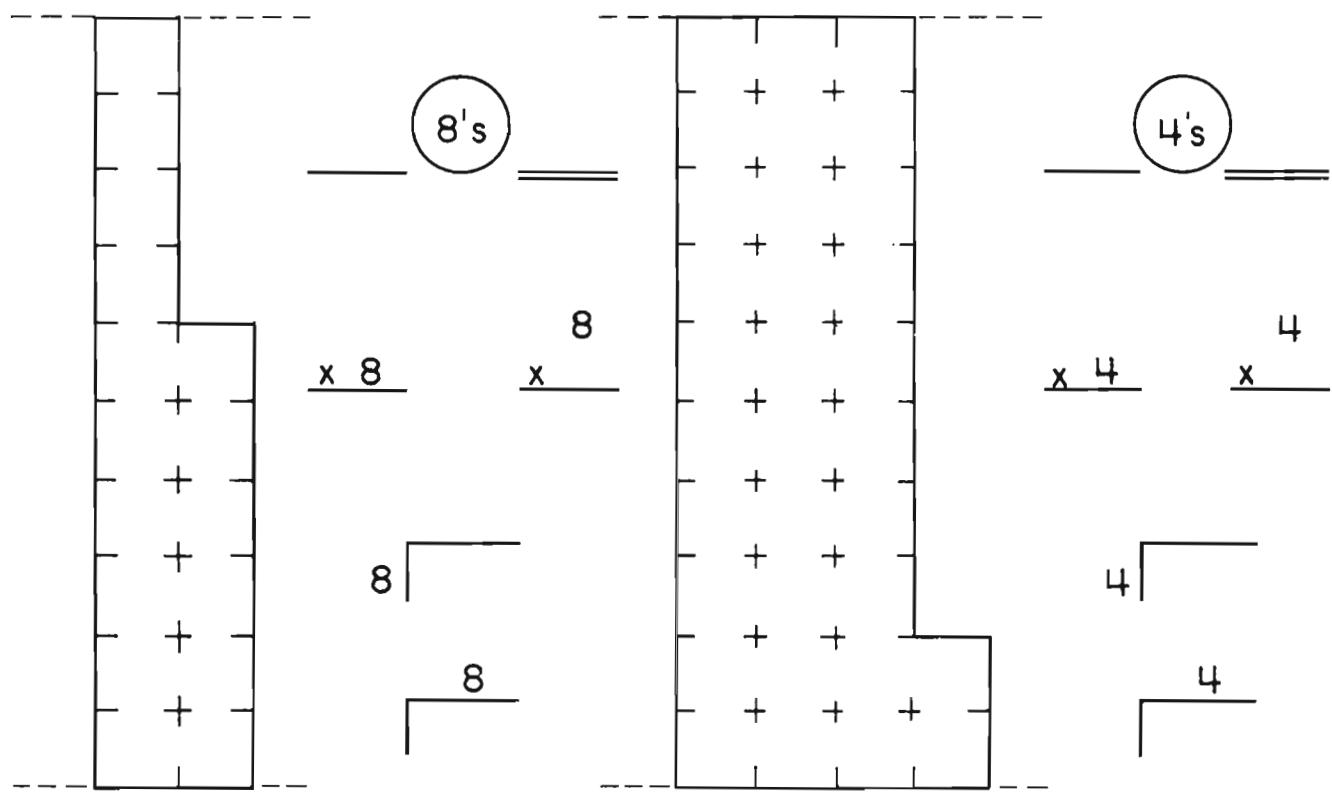
## FENCING

## CERCANDO

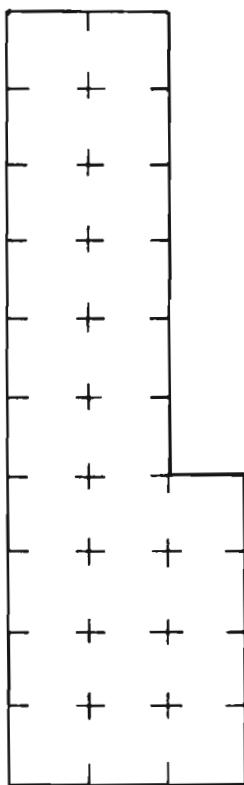


FENCING

CERCANDO



FENCING



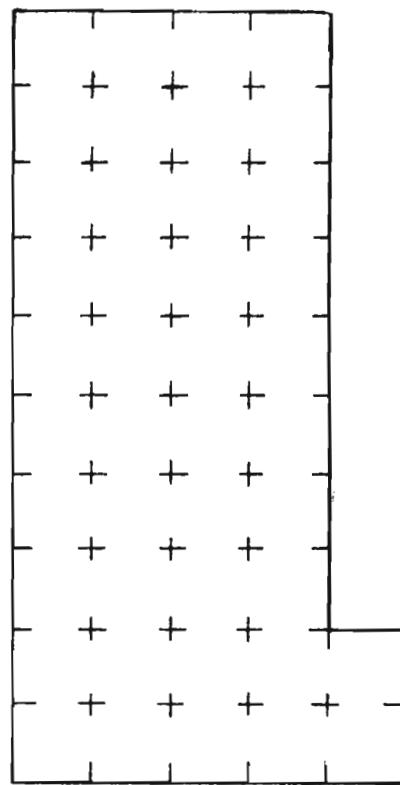
$\underline{x} \quad 8$

$\underline{x} \quad 8$

8

8

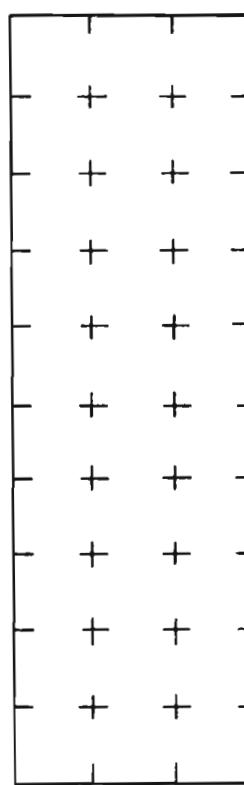
CERCANDO



$\underline{x} \quad 6$

$\underline{x} \quad 6$

6



$\underline{x} \quad 4$

$\underline{x} \quad 4$

4

4

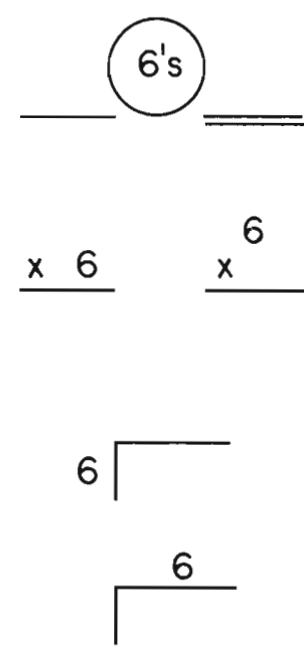
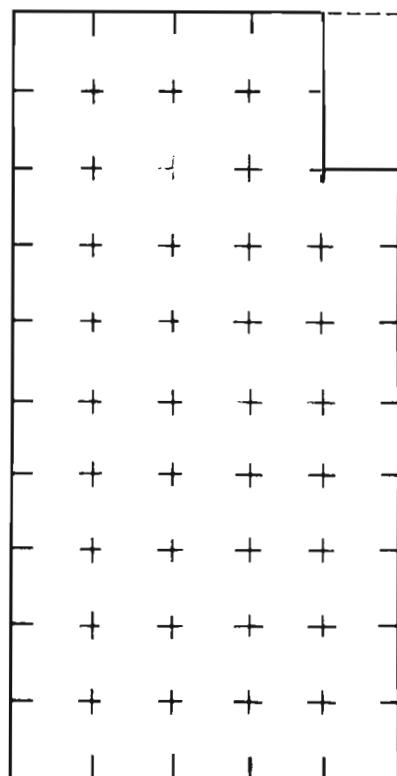
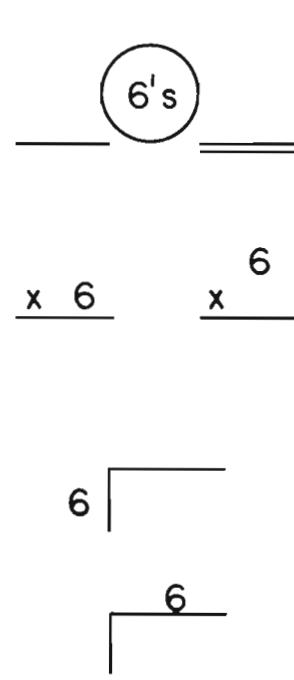
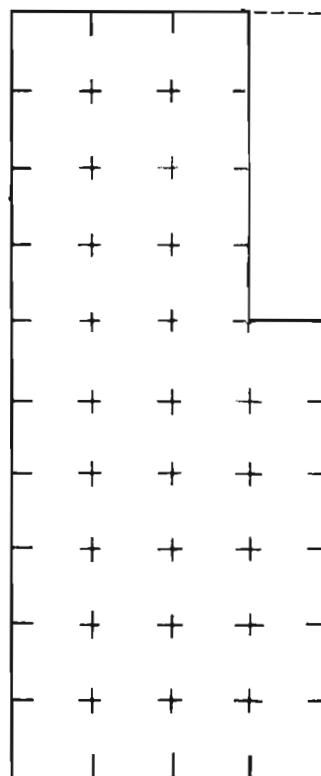
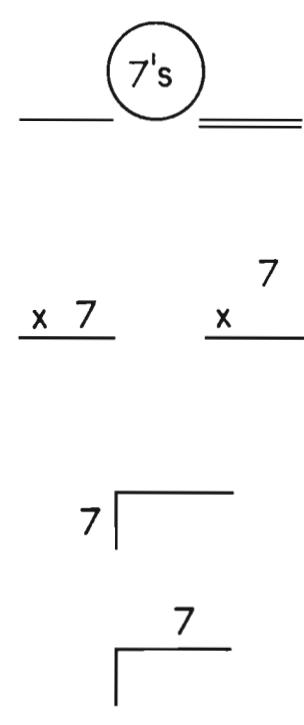
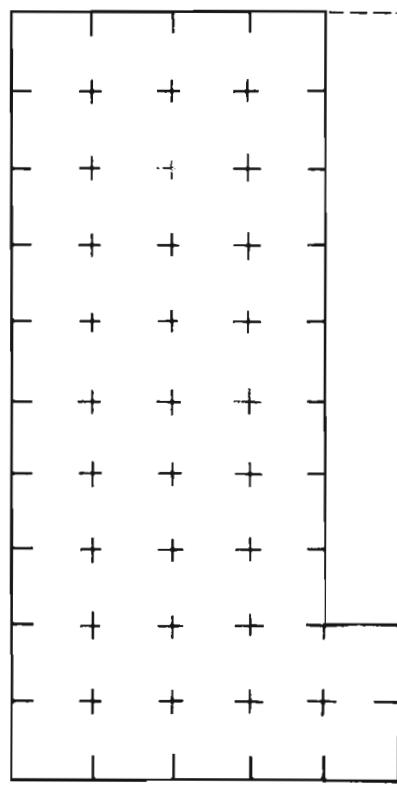
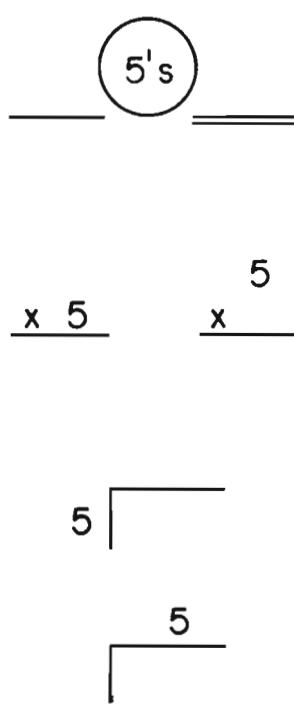
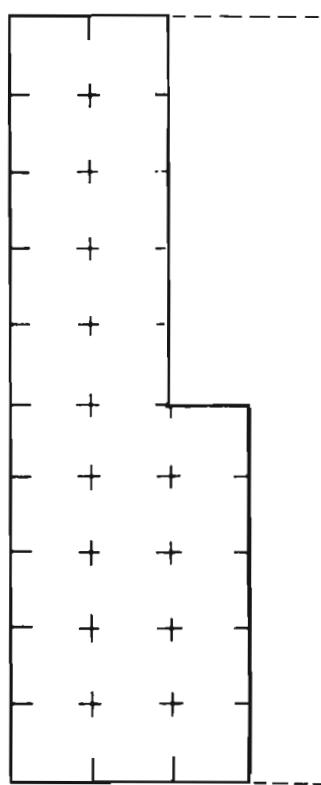
$\underline{x} \quad 12$

$\underline{x} \quad 12$

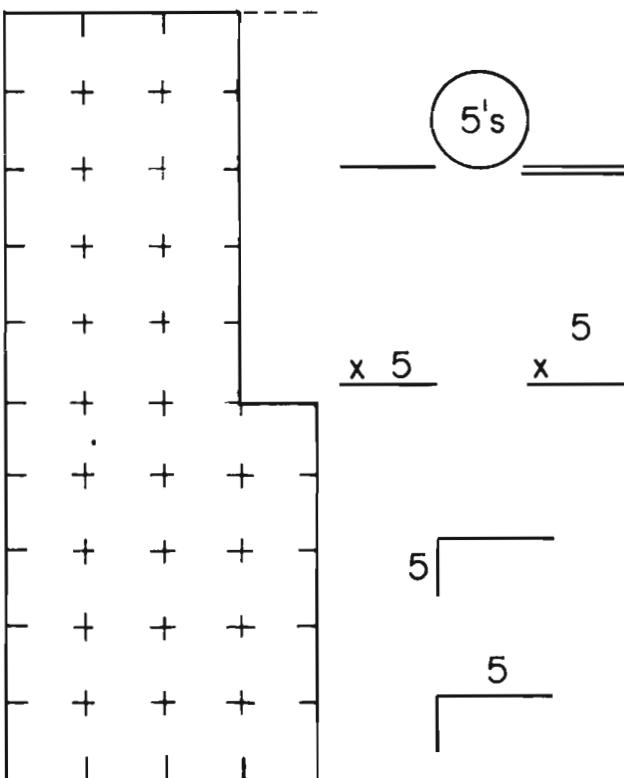
12

12

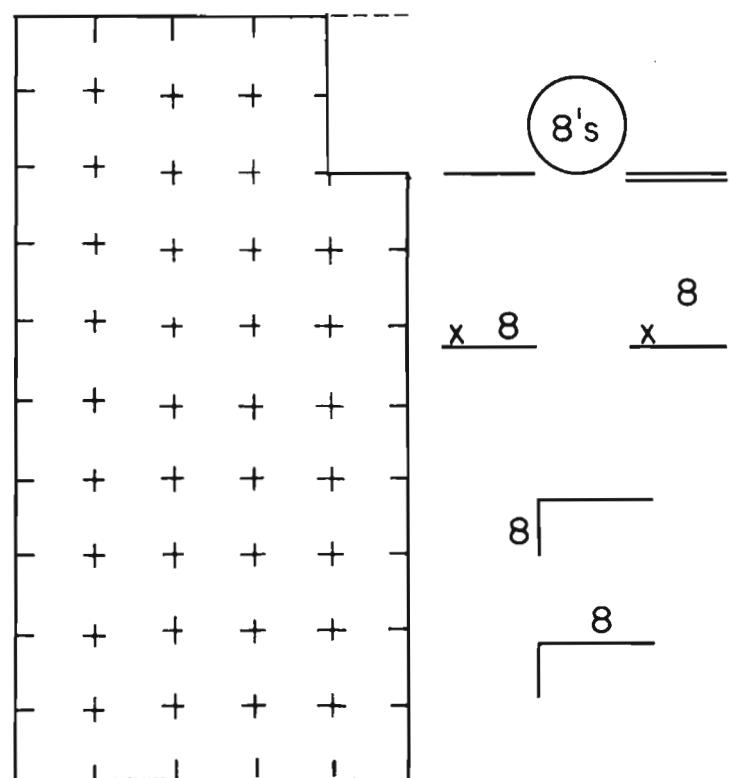
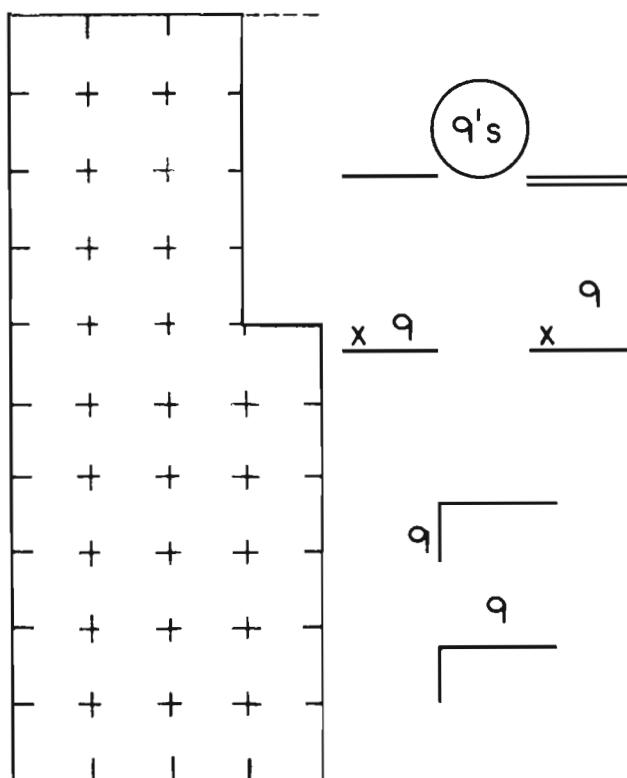
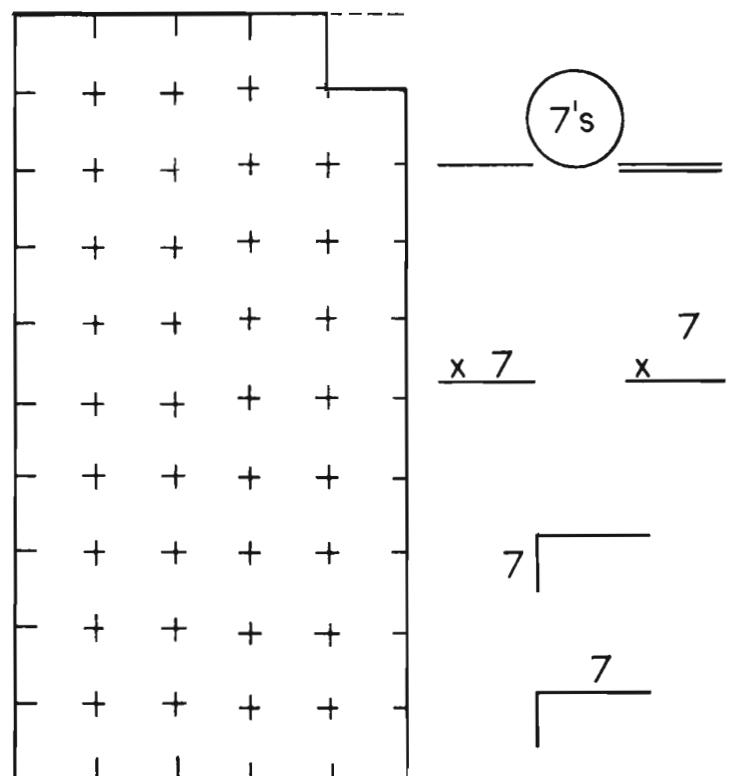
FENCING



## FENCING



## CERCANDO



From the List

De la Lista

2, 3, 4, 5, 6, 7, 8, 9

Please make all examples different.

Favor de hacer todos los ejemplos diferentes.

$$\frac{x}{4}$$

$$\frac{x}{6}$$

$$\frac{x}{6}$$

$$\frac{x}{8}$$

$$\frac{x}{8}$$

$$\frac{x}{9}$$

$$\frac{x}{10}$$

$$\frac{x}{10}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{12}$$

$$\frac{x}{14}$$

$$\frac{x}{14}$$

$$\frac{x}{15}$$

$$\frac{x}{15}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

$$\frac{x}{18}$$

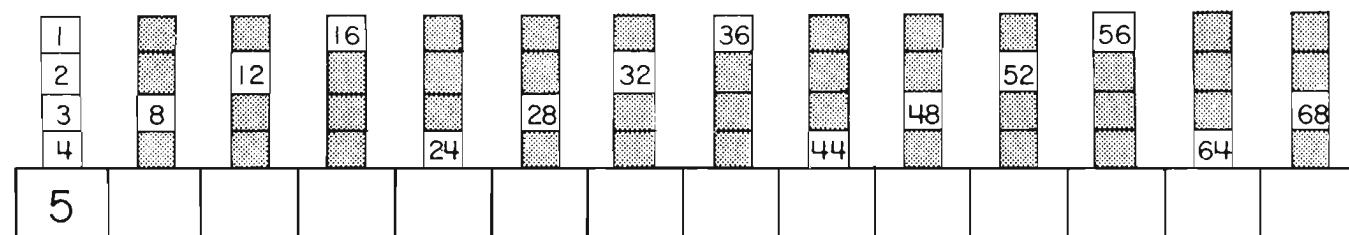
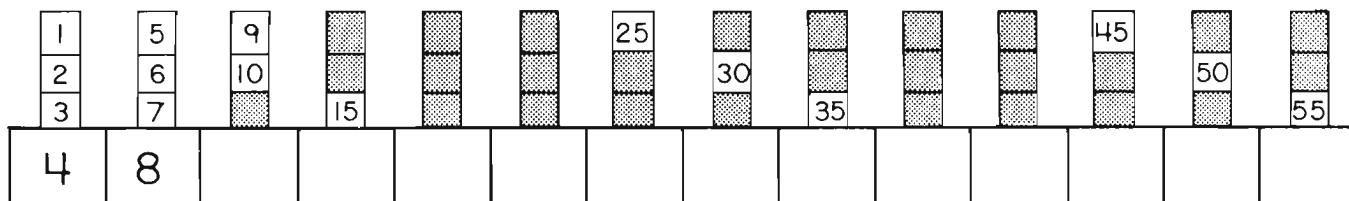
$$\frac{x}{24}$$

$$\frac{x}{24}$$

$$\frac{x}{24}$$

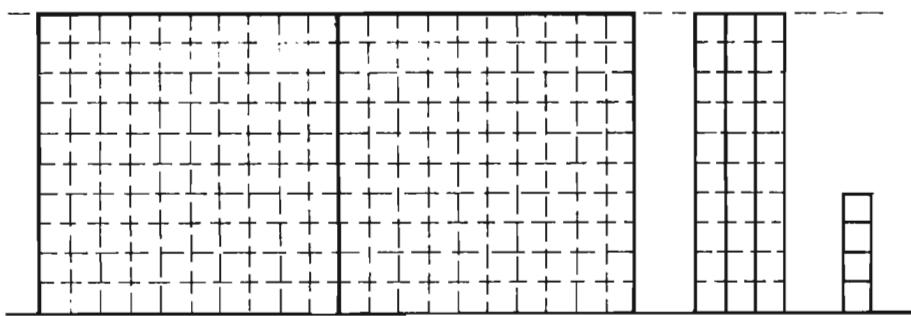
$$\frac{x}{24}$$

$$\frac{x}{25}$$



On Your Own

Usted Solo



$$\begin{array}{r} 234 \\ +106 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ +116 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ +170 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ +176 \\ \hline \end{array}$$

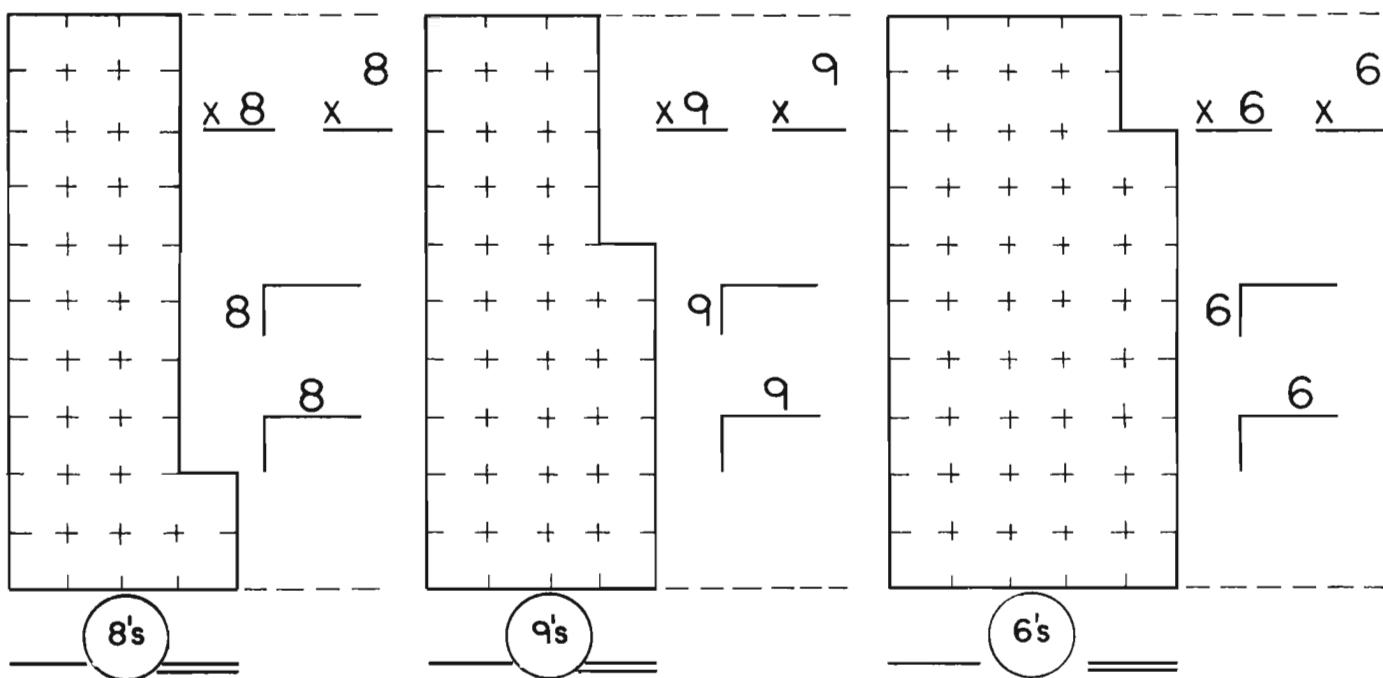
$$\begin{array}{r} 234 \\ +\underline{90} \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ +\underline{97} \\ \hline \end{array}$$

$$\begin{array}{r} 235 \\ +\underline{65} \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ +\underline{91} \\ \hline \end{array}$$

$$\begin{array}{r} 536 \\ +\underline{251} \\ \hline \end{array}$$



From  
the List

2, 3, 4, 5, 6, 7, 8, 9

De  
la Lista

How do you feel?



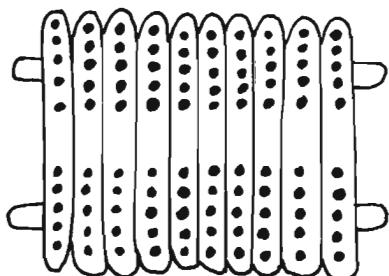
¿Cómo se siente?

$$\begin{array}{r} \times 9 \\ \hline \end{array} \quad \begin{array}{r} \times 15 \\ \hline \end{array} \quad \begin{array}{r} \times 20 \\ \hline \end{array} \quad \begin{array}{r} \times 24 \\ \hline \end{array} \quad \begin{array}{r} \times 28 \\ \hline \end{array} \quad \begin{array}{r} \times 30 \\ \hline \end{array}$$

Dear Parents,

Your child can now work with addition problems that require regrouping into the hundreds -- the kind we face daily in checkbooks and shopping prices. This requires one more step in the regrouping process, so the pictures are especially valuable reminders that a hundred is 10 tens. The abstract idea of a hundred develops only with lots of exposure to the manipulation of a hundred "things" and then to pictures.

You can help with this at every "real" opportunity that comes along (i.e. dollars, dimes, pennies), and together you and your child can make "hundreds rafts" to go with ten sticks and loose beans. With these you can actually move around the problem  $234 + 176$ , as was discussed in the previous book. Now, in addition to trading in 10 loose beans for a 10-stick, you're to trade ten sticks for a raft. This may sound a little crazy, but if you try it you'll appreciate the clarity and fun. This can also be done with dollars, dimes, and pennies, but only if your child has a firm belief that



100 pennies make a dollar!

The multiplication and division pictures are now arranged to show tens and ones. Your child has also "fenced-in" the groups, which suggests in the pictures what your child already knows -- that multiplication is repeated addition.

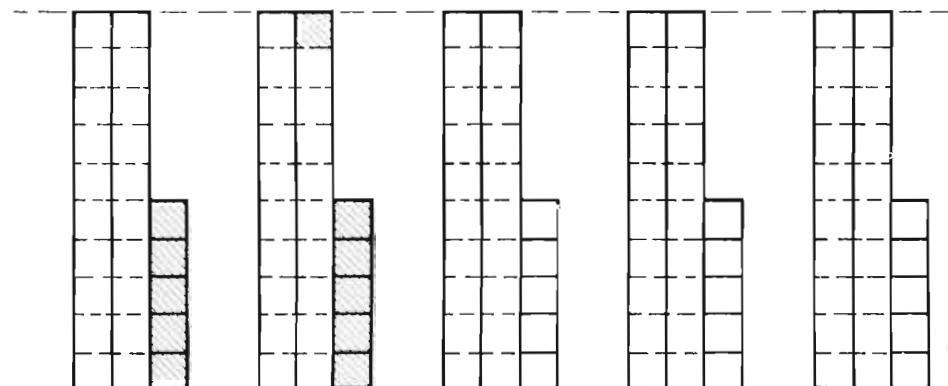
Please take special note of the last activity on the page -- special praise is due! Without any representation on the page, your child can figure out which numbers, when multiplied together make the products given.

Thanks again for your support!

Sincerely,

Please shade in the number of bricks indicated.

Favor de sombrear el número de ladrillos indicado.



$$- \frac{25}{5}$$

----- A.

$$- \frac{25}{6}$$

----- B.

$$- \frac{25}{10}$$

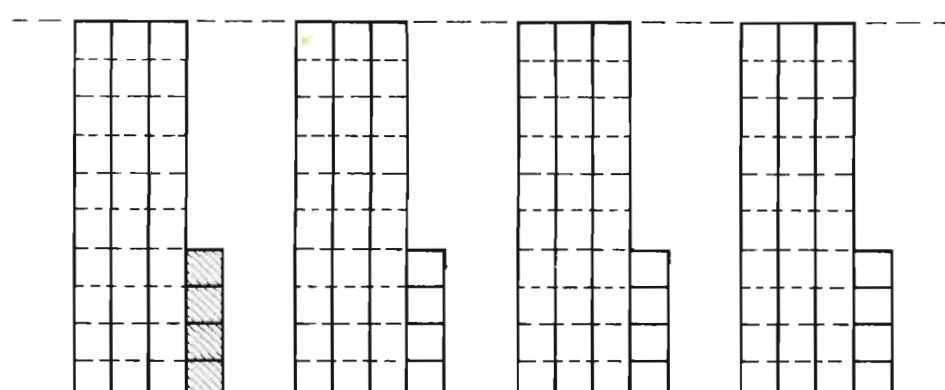
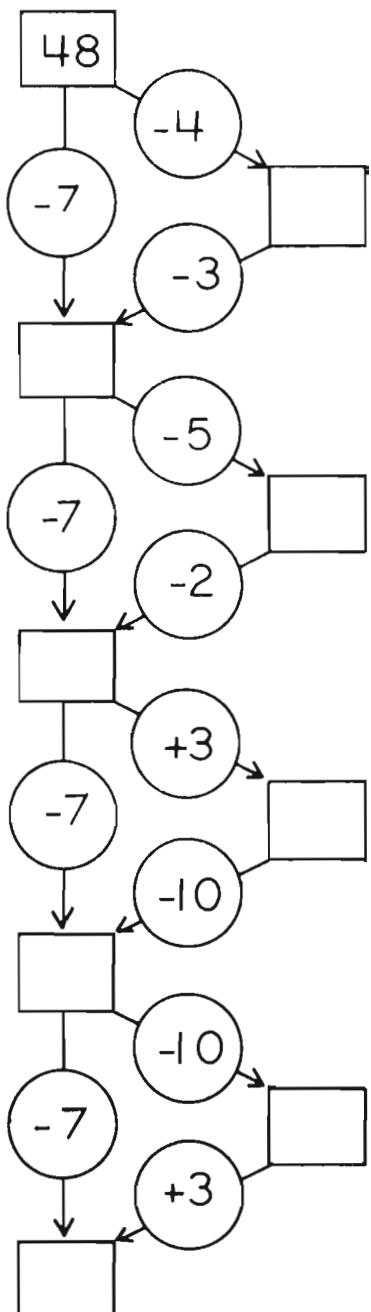
----- C.

$$- \frac{25}{16}$$

----- D.

$$- \frac{25}{23}$$

----- E.



$$- \frac{34}{4}$$

----- A.

$$- \frac{34}{10}$$

----- B.

$$- \frac{34}{5}$$

----- C.

$$- \frac{34}{15}$$

----- D.

$$- \frac{38}{7}$$

----- A.

$$- \frac{38}{8}$$

----- B.

$$- \frac{38}{9}$$

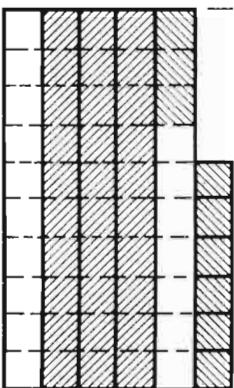
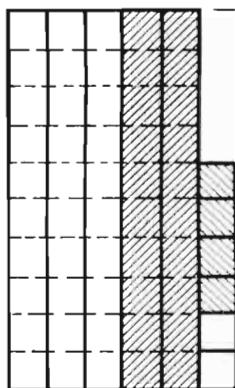
----- C.

$$- \frac{38}{19}$$

----- D.

A.	B.	C.	D.	E.
20	24	17	19	2
31	30	15	19	8
30	19	29	9	10

56 . . . and less



$$\begin{array}{r} 56 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 7 \\ \hline \end{array}$$

B.

C.

$$\begin{array}{r} 56 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 27 \\ \hline \end{array}$$

D.

E.

$$\begin{array}{r} 56 \\ - 24 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 56 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 53 \\ \hline \end{array}$$

A.

F.

G.

$$\begin{array}{r} 56 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 47 \\ \hline \end{array}$$

H.

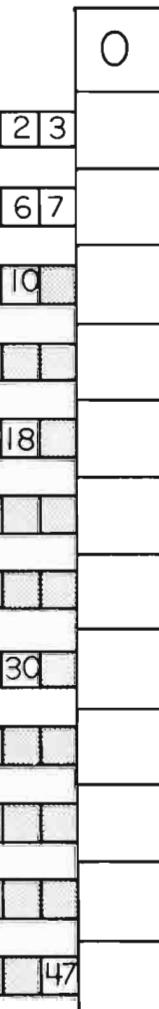
A.

B.

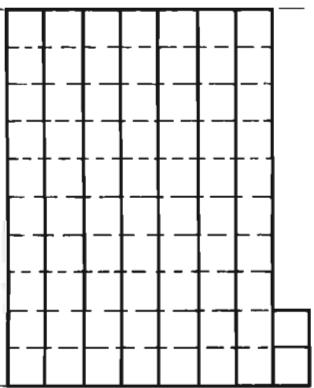
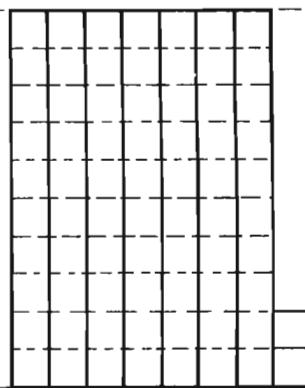
C.

D.

E.



72 . . . y menos



$$\begin{array}{r} 72 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 35 \\ \hline \end{array}$$

F.

$$\begin{array}{r} 72 \\ - 65 \\ \hline \end{array}$$

G.

$$\begin{array}{r} 72 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 41 \\ \hline \end{array}$$

A.

B.

H.

$$\begin{array}{r} 72 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 63 \\ \hline \end{array}$$

C.

D.

E.

F.

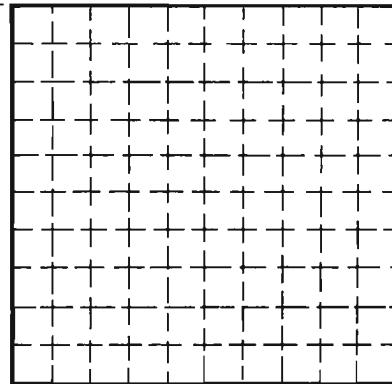
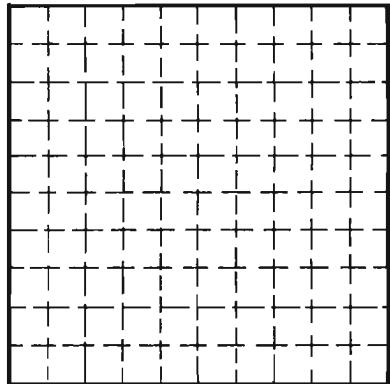
G.

H.

A.	B.	C.	D.
17	37	42	6
47	50	27	30
28	31	49	60

E.	F.	G.	H.
53	21	35	7
29	44	37	38
9	67	3	9

100....



0						
1	2	3	4	5	6	
8	9					
		17				
			32			

$$\begin{array}{r} 100 \\ - 40 \\ \hline \end{array}$$

----- A.

$$\begin{array}{r} 100 \\ - 65 \\ \hline \end{array}$$

----- B.

$$\begin{array}{r} 100 \\ - 4 \\ \hline \end{array}$$

----- C.

$$\begin{array}{r} 100 \\ - 10 \\ \hline \end{array}$$

----- D.

$$\begin{array}{r} 100 \\ - 14 \\ \hline \end{array}$$

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

$$\begin{array}{r} 100 \\ - 51 \\ \hline \end{array}$$

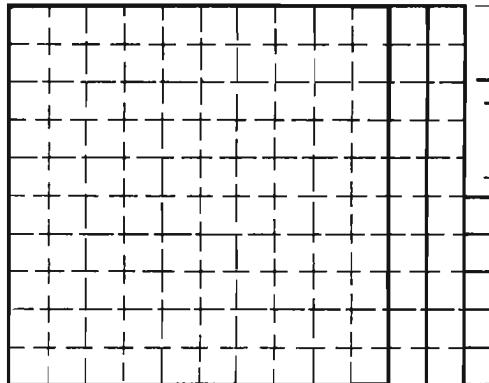
----- C.

$$\begin{array}{r} 100 \\ - 83 \\ \hline \end{array}$$

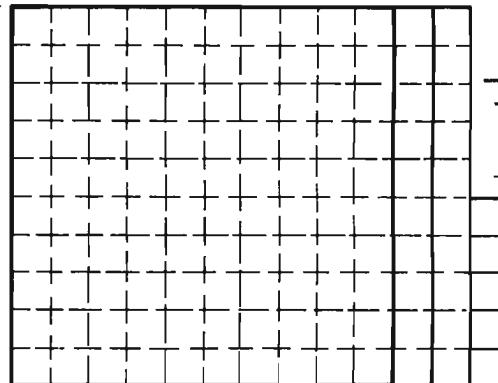
----- D.

A.	B.	C.	D.
60	65	71	90
74	73	96	17
86	35	49	52

125....



$$\begin{array}{r} 125 \\ - 25 \\ \hline \end{array}$$



$$\begin{array}{r} 125 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 19 \\ \hline \end{array}$$

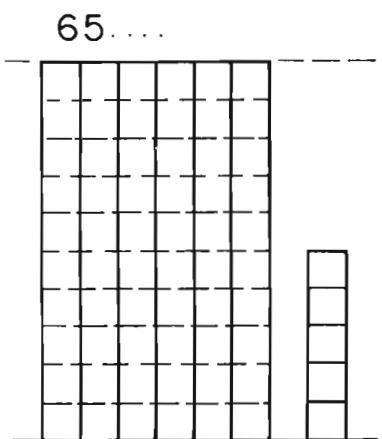
$$\begin{array}{r} 125 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 58 \\ \hline \end{array}$$



— 10's, — 1's

$$\begin{array}{r} 65 \\ + 20 \\ \hline \end{array}$$

--- E.

$$\begin{array}{r} 65 \\ - 20 \\ \hline \end{array}$$

--- F.

$$\begin{array}{r} 65 \\ + 25 \\ \hline \end{array}$$

--- G.

$$\begin{array}{r} 65 \\ + 5 \\ \hline \end{array}$$

--- A.

$$\begin{array}{r} 65 \\ + 6 \\ \hline \end{array}$$

--- C.

$$\begin{array}{r} 65 \\ - 5 \\ \hline \end{array}$$

--- B.

$$\begin{array}{r} 65 \\ - 6 \\ \hline \end{array}$$

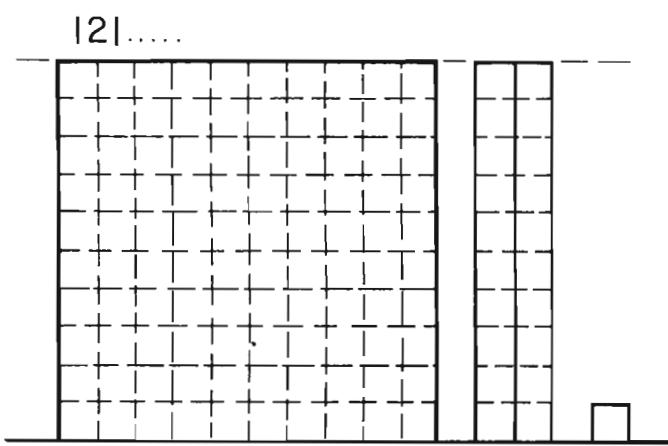
--- D.

$$\begin{array}{r} 65 \\ - 25 \\ \hline \end{array}$$

--- H.

$$\begin{array}{r} 65 \\ - 27 \\ \hline \end{array}$$

--- I.



— 100's  
— 10's  
— 1's

$$\begin{array}{r} |2| \\ - 1 \\ \hline \end{array}$$

--- A.

$$\begin{array}{r} |2| \\ - 20 \\ \hline \end{array}$$

--- B.

$$\begin{array}{r} |2| \\ - 100 \\ \hline \end{array}$$

--- C.

$$\begin{array}{r} |2| \\ + 9 \\ \hline \end{array}$$

--- D.

$$\begin{array}{r} |2| \\ + 19 \\ \hline \end{array}$$

--- E.

$$\begin{array}{r} |2| \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} |2| \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} |2| \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} |2| \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} |2| \\ + 79 \\ \hline \end{array}$$

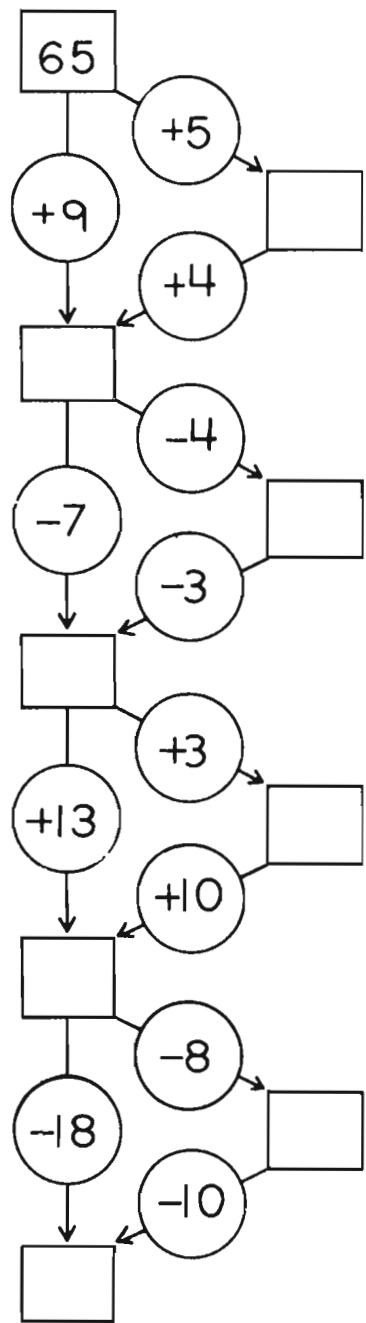
--- F.

--- G.

--- H.

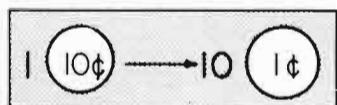
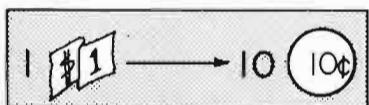
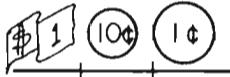
--- I.

--- J.



A.	B.	C.	D.	E.
70	101	71	130	96
120	100	51	59	140
90	60	21	47	85

F.	G.	H.	I.	J.
83	90	96	195	179
45	106	47	38	200
116	94	40	292	207



$$\begin{array}{r} \cancel{2} \quad 0 \quad 0 \\ - 5 \quad 0 \\ \hline \end{array} = 200 \text{¢}$$

$$\begin{array}{r} \cancel{2} \quad 5 \quad 0 \\ - 4 \quad 5 \\ \hline \end{array} = 50 \text{¢}$$

$$\begin{array}{r} \cancel{1} \quad 5 \quad 0 \\ + 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 2 \quad 5 \quad 8 \\ - 4 \quad 5 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 2 \quad 5 \quad 8 \\ - 4 \quad 5 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 2 \quad 5 \quad 8 \\ - 4 \quad 5 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \cancel{2} \quad 2 \quad 5 \\ - 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \cancel{2} \quad 2 \quad 5 \\ - 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \cancel{2} \quad 2 \quad 5 \\ - 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

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

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

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

$$\begin{array}{r} \cancel{3} \quad 0 \quad 0 \\ - 1 \quad 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \cancel{3} \quad 0 \quad 0 \\ - 1 \quad 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} \cancel{3} \quad 0 \quad 0 \\ - 1 \quad 5 \quad 0 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 3 \quad 2 \quad 5 \\ - 1 \quad 0 \quad 6 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 3 \quad 2 \quad 5 \\ - 1 \quad 0 \quad 6 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 3 \quad 2 \quad 5 \\ - 1 \quad 0 \quad 6 \\ \hline \end{array} = \text{¢}$$

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

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

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

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

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

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

$$\begin{array}{r} 5 \quad 5 \quad 0 \\ - 3 \quad 2 \quad 8 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 5 \quad 5 \quad 0 \\ - 3 \quad 2 \quad 8 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 5 \quad 5 \quad 0 \\ - 3 \quad 2 \quad 8 \\ \hline \end{array} = \text{¢}$$

$$\begin{array}{r} 200 \\ - 70 \\ \hline \end{array}$$

D.

$$\begin{array}{r} 200 \\ - 75 \\ \hline \end{array}$$

E.

$$\begin{array}{r} 200 \\ - 180 \\ \hline \end{array}$$

F.

$$\begin{array}{r} 200 \\ - 185 \\ \hline \end{array}$$

A.

$$\begin{array}{r} 200 \\ - 190 \\ \hline \end{array}$$

B.

$$\begin{array}{r} 16 - 8 \\ - \\ \hline \end{array}$$

C.

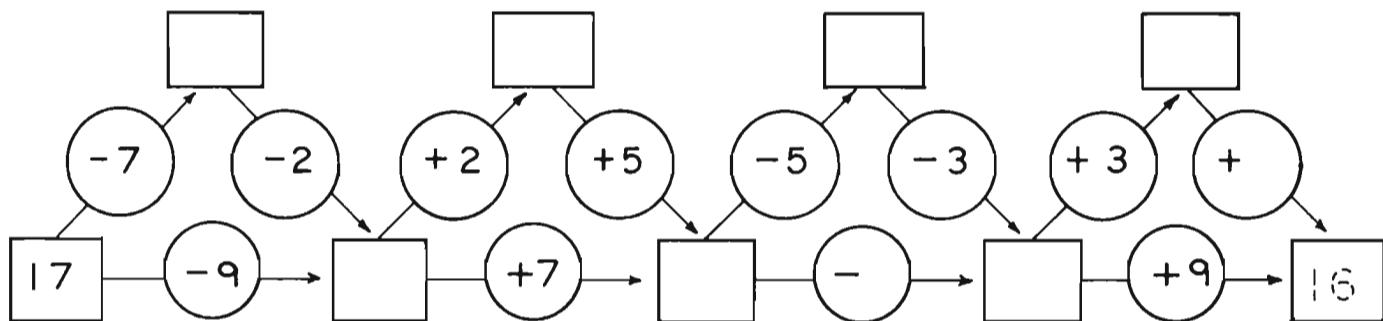
$$\begin{array}{r} 15 - 9 \\ - \\ \hline \end{array}$$

D.

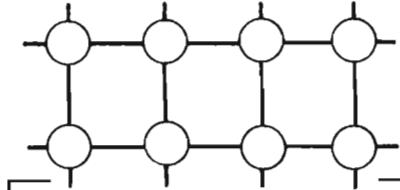
$$\begin{array}{r} 14 - 7 \\ - \\ \hline \end{array}$$

E.

A.	150	15	130
B.	10	213	63
C.	175	222	8
D.	130	6	211
E.	7	150	125
F.	20	12	219

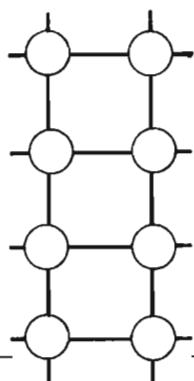


What can you see?



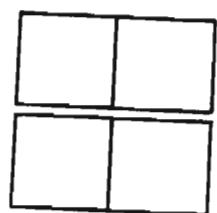
$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

A.



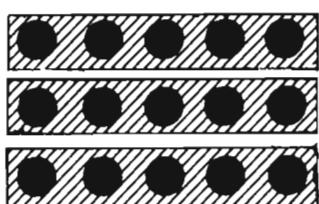
$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

¿Qué puede usted ver?



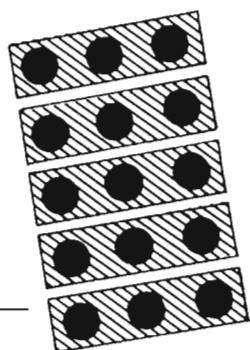
$$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$$

B.

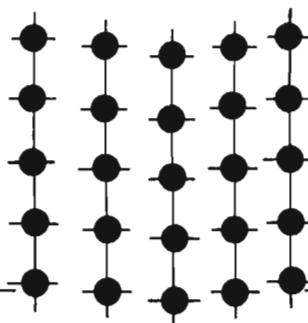


$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

C.

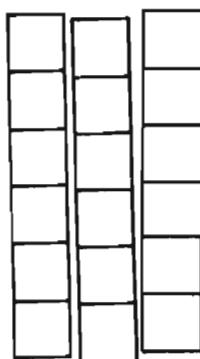


$$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$$



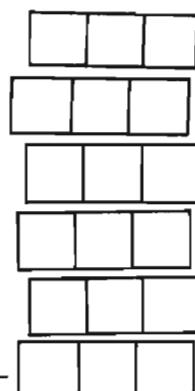
$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

D.



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

E.



$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

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

A.

$$2 \quad 10$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$$

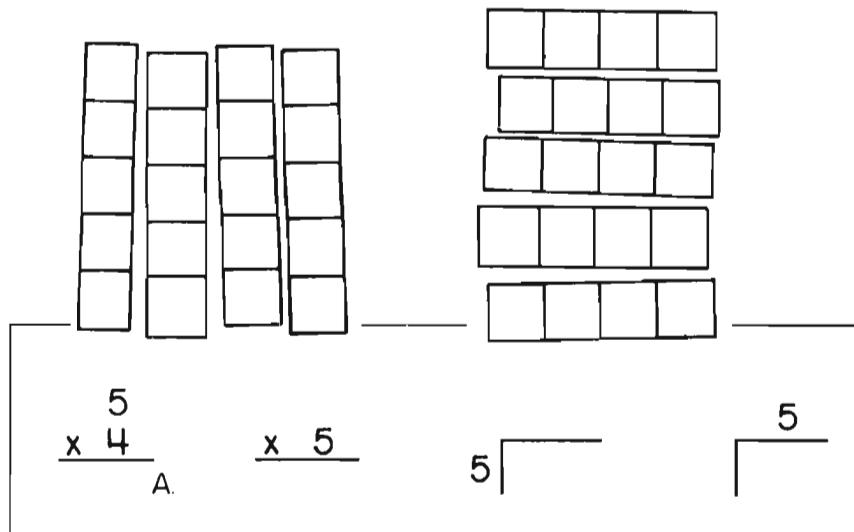
B.

$$3 \quad 12$$

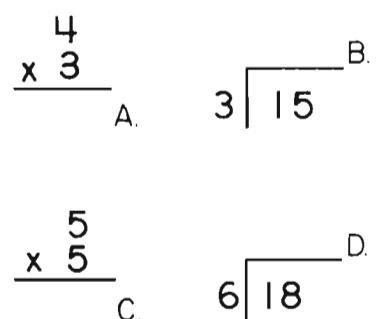
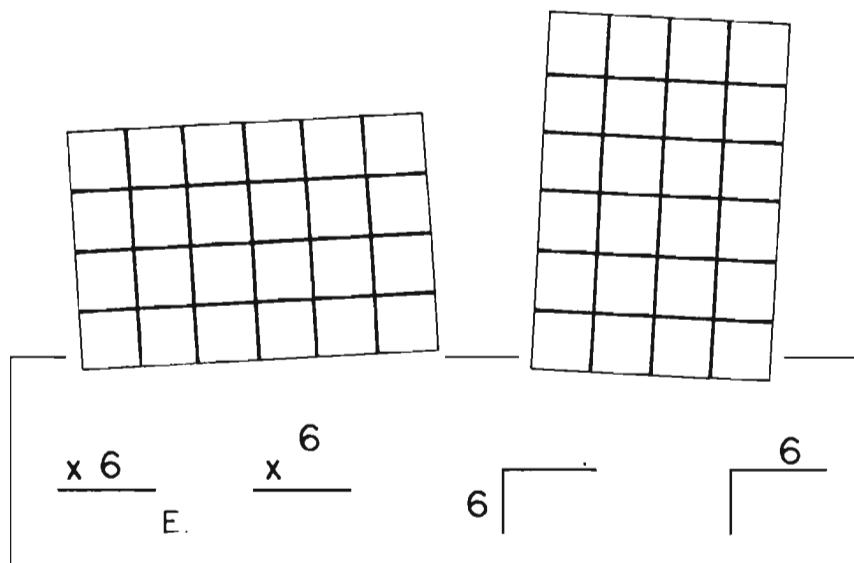
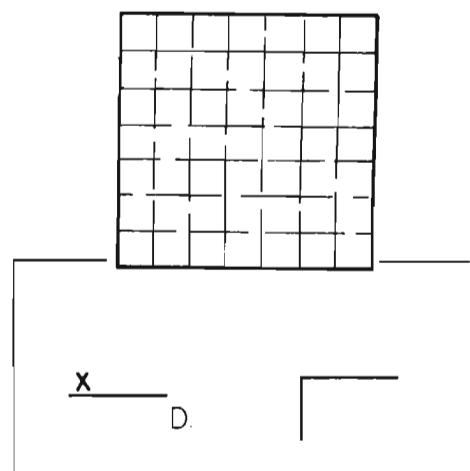
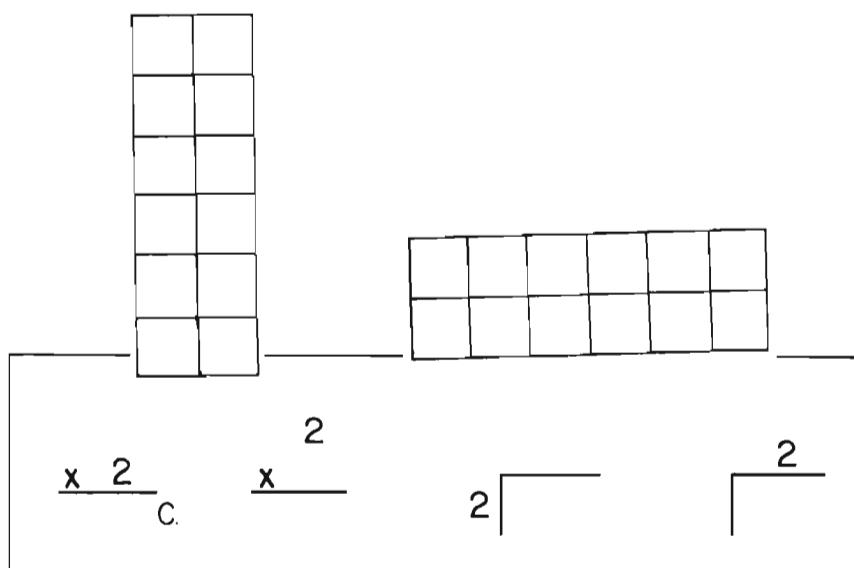
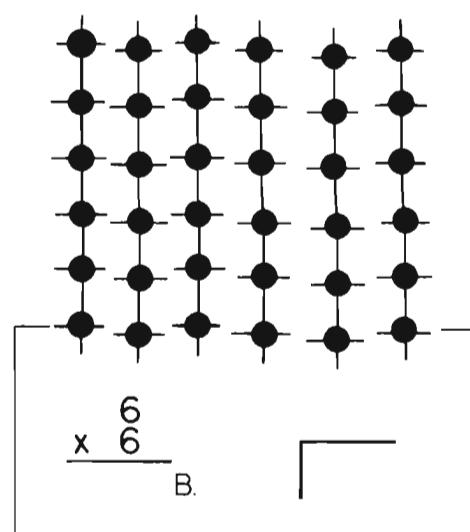
C.

A.	B.	C.	D.	E.
9	4	10	4	18
8	5	15	25	17

What can you see?

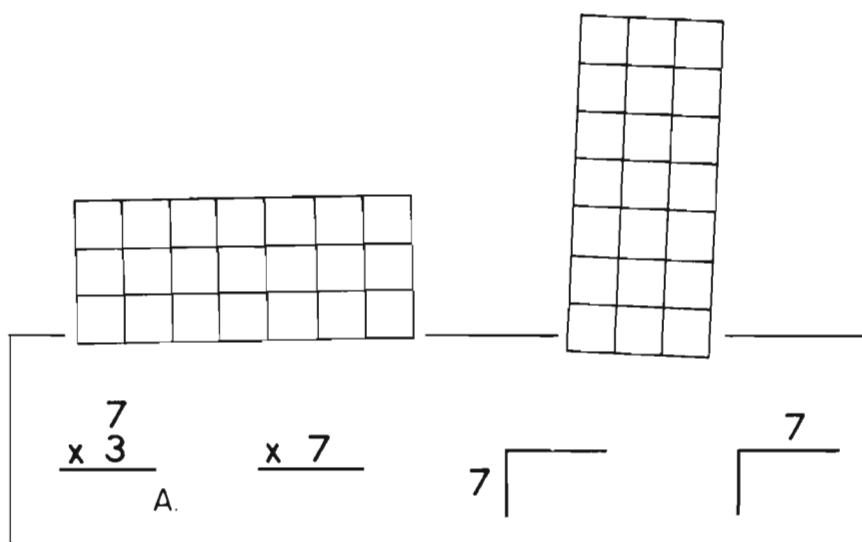


¿Qué puede usted ver?

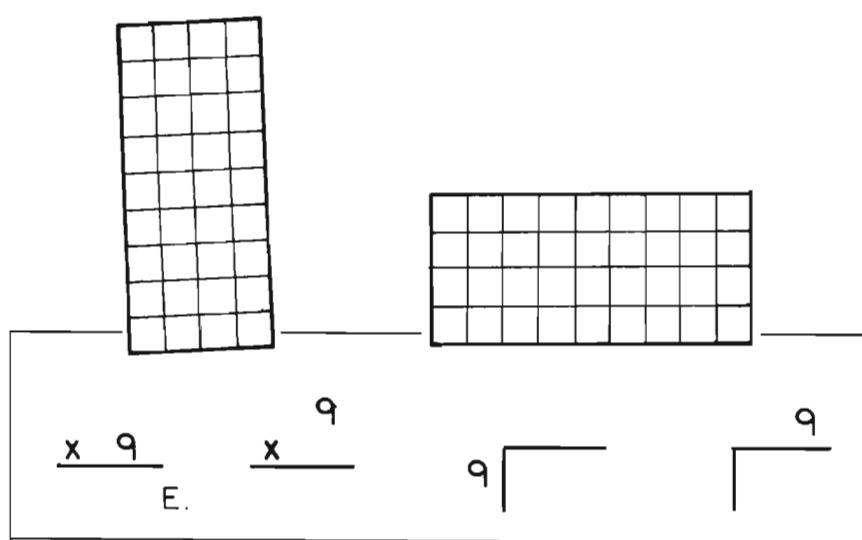
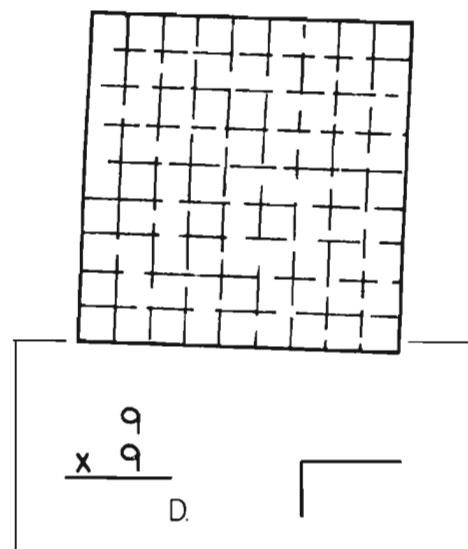
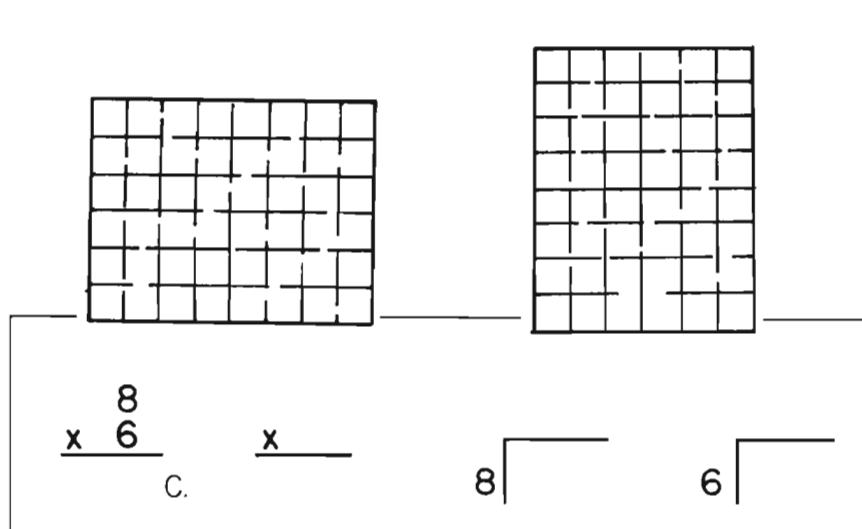
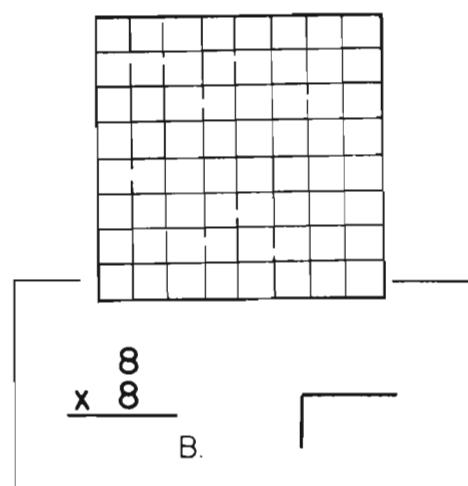


A.	B.	C.	D.	E.
20	5	25	49	24
12	36	12	3	19

What can you see?



¿Qué puede usted ver?



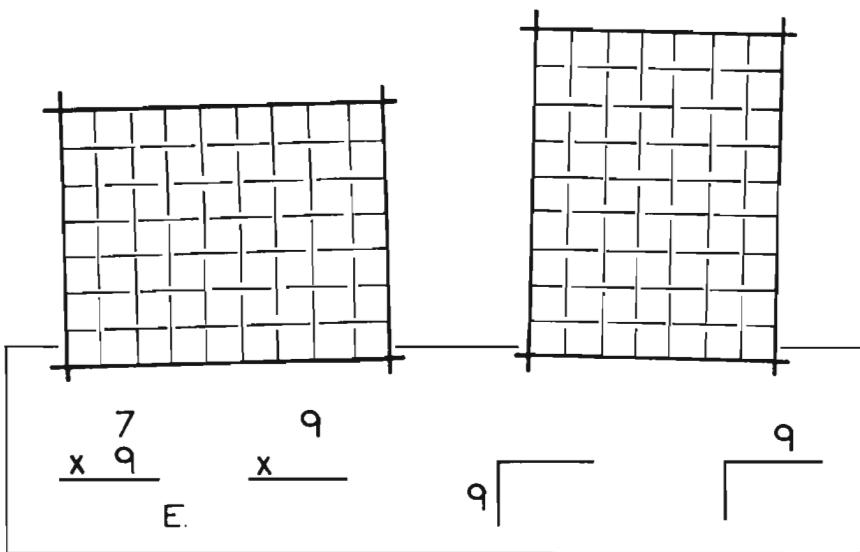
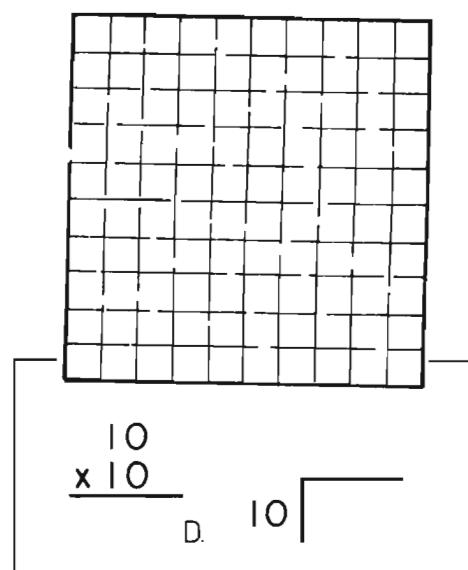
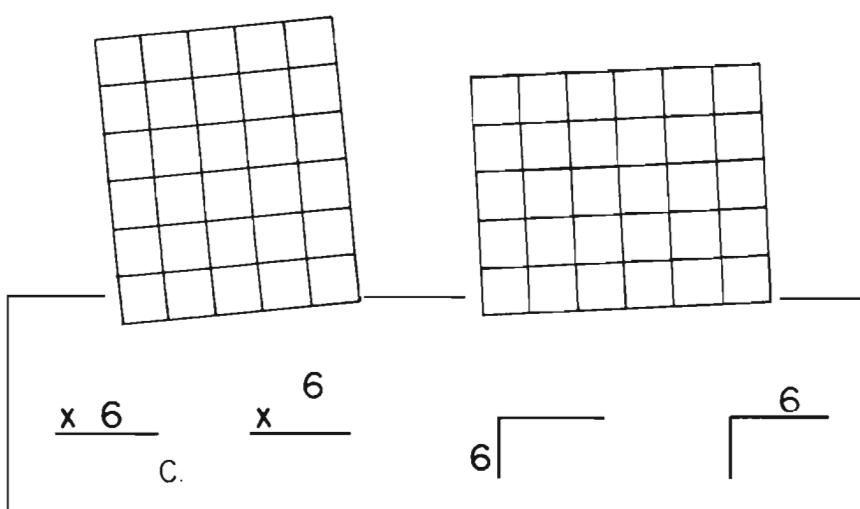
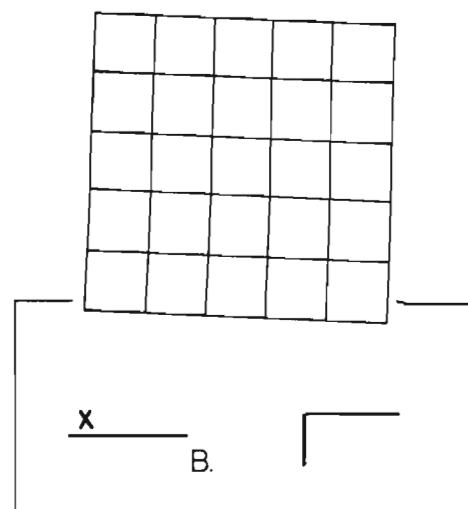
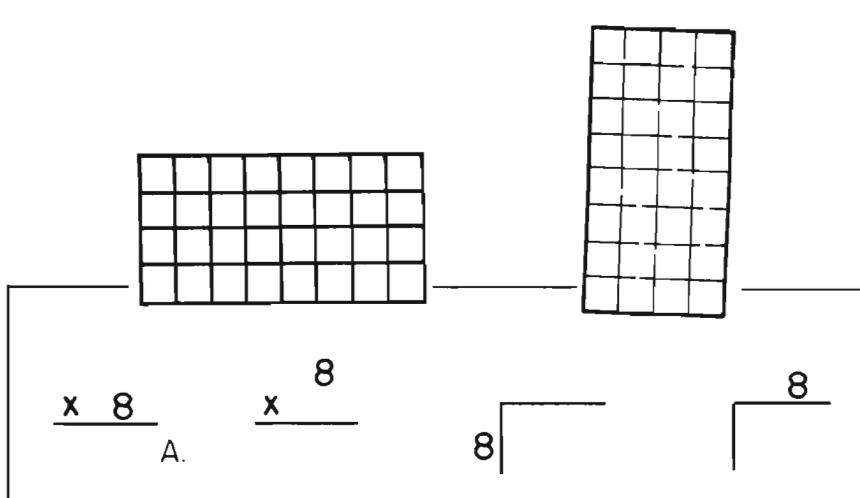
A.  $\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$    B.  $2 \overline{\Bigg) } 12$

C.  $\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$    D.  $3 \overline{\Bigg) } 18$

A.	B.	C.	D.	E.
20	6	48	81	16
21	64	24	6	36

What can you see?

¿Qué puede usted ver?



**A.**  $\underline{x \quad 3}$

**B.**  $4 \boxed{\phantom{0}}$

**C.**  $\underline{x \quad 2}$

**D.**  $3 \boxed{\phantom{0}}$

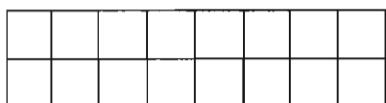
A.	B.	C.	D.	E.
15	25	18	7	63
32	5	30	100	75

What can you see?

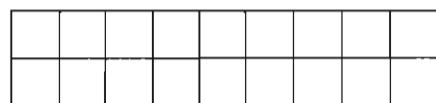
¿Qué puede usted ver?



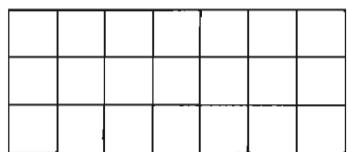
$$\begin{array}{r} 7 \\ \times 2 \\ \hline 2 \end{array}$$



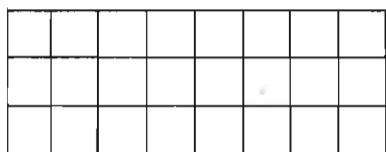
$$\begin{array}{r} 8 \\ \times 2 \\ \hline 2 \end{array}$$



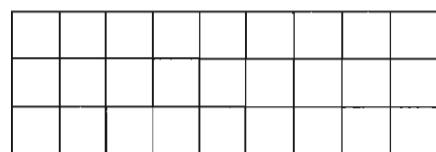
$$\begin{array}{r} 9 \\ \times 2 \\ \hline 2 \end{array}$$



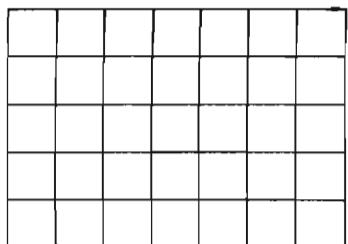
$$\begin{array}{r} 7 \\ \times 3 \\ \hline 3 \end{array}$$



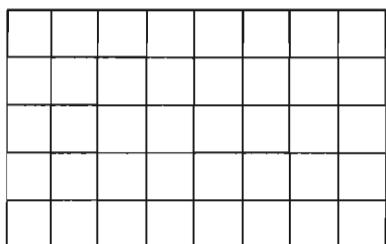
$$\begin{array}{r} 8 \\ \times 3 \\ \hline 3 \end{array}$$



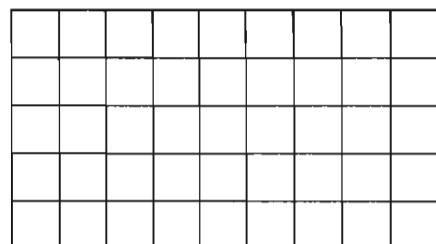
$$\begin{array}{r} 9 \\ \times 3 \\ \hline 3 \end{array}$$



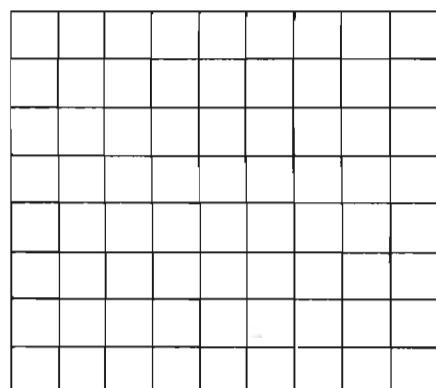
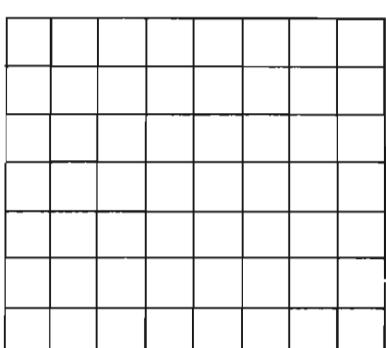
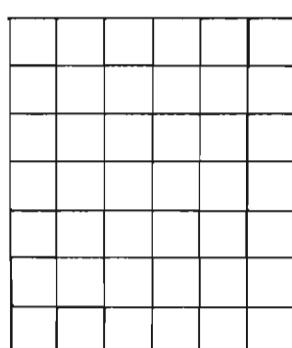
$$\begin{array}{r} 7 \\ \times 5 \\ \hline 5 \end{array}$$



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



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



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

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

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

From the List

De la Lista

2, 3, 4, 5, 6, 7, 8, 9

Please make all examples different.

Favor de hacer todos los ejemplos diferentes.

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{16}$$

$$\frac{x}{20}$$

$$\frac{x}{20}$$

$$\frac{x}{21}$$

$$\frac{x}{21}$$

$$\frac{x}{25}$$

$$\frac{x}{27}$$

$$\frac{x}{27}$$

$$\frac{x}{28}$$

$$\frac{x}{28}$$

$$\frac{x}{30}$$

$$\frac{x}{30}$$

$$\frac{x}{32}$$

$$\frac{x}{32}$$

$$\frac{x}{36}$$

$$\frac{x}{36}$$

$$\frac{x}{36}$$

$$\frac{x}{40}$$

$$\frac{x}{42}$$

$$\frac{x}{45}$$

$$\frac{x}{45}$$

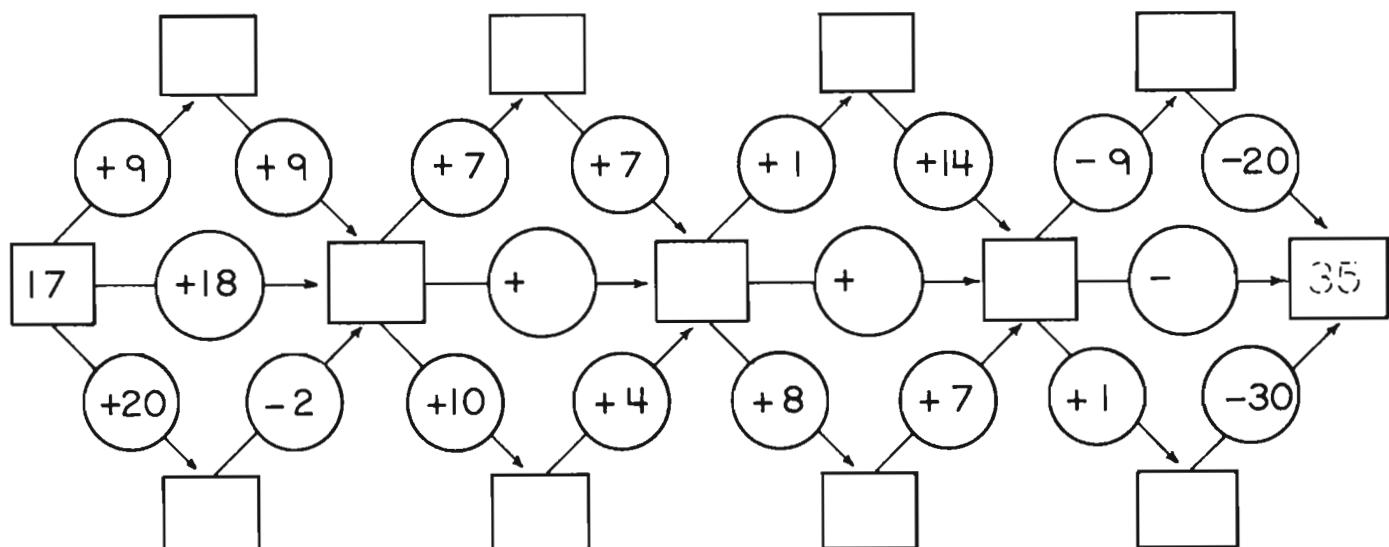
$$\frac{x}{48}$$

$$\frac{x}{48}$$

$$\frac{x}{49}$$

$$\frac{x}{54}$$

$$\frac{x}{54}$$



From the List

De la Lista

2, 3, 4, 5, 6, 7, 8, 9

Please make all examples different.

Favor de hacer todos los ejemplos diferentes.

$$\frac{x}{24}$$

$$\frac{x}{24}$$

$$\frac{x}{24}$$

$$\frac{x}{24}$$

$$\frac{x}{27}$$

$$\frac{x}{27}$$

$$\frac{x}{28}$$

$$\frac{x}{28}$$

$$\frac{x}{30}$$

$$\frac{x}{30}$$

$$\frac{x}{32}$$

$$\frac{x}{32}$$

$$\frac{x}{36}$$

$$\frac{x}{36}$$

$$\frac{x}{36}$$

$$\frac{x}{45}$$

$$\frac{x}{45}$$

$$\frac{x}{48}$$

$$\frac{x}{48}$$

$$\frac{x}{49}$$

$$\frac{x}{54}$$

$$\frac{x}{54}$$

$$\frac{x}{56}$$

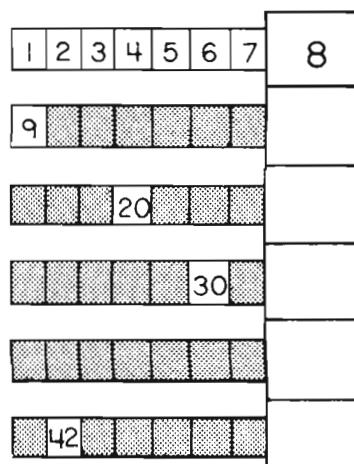
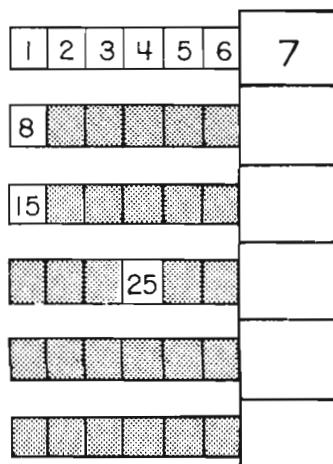
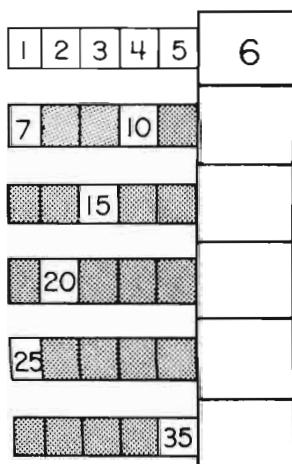
$$\frac{x}{56}$$

$$\frac{x}{64}$$

$$\frac{x}{72}$$

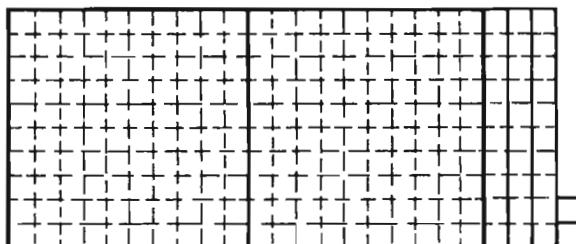
$$\frac{x}{72}$$

$$\frac{x}{81}$$



On Your Own

Usted Solo



\_\_\_ 100's, \_\_\_ 10's, \_\_\_ 1's

$$\begin{array}{r} 232 \\ - 130 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ - 140 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ - 90 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ - 132 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 238 \\ - 29 \\ \hline \end{array}$$

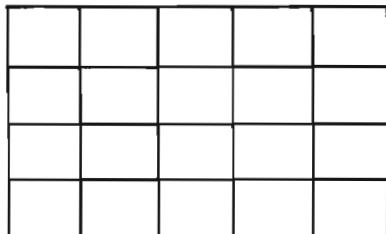
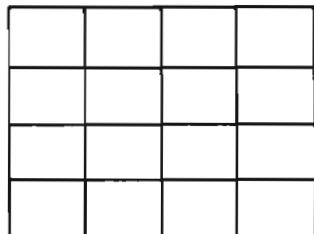
$$\begin{array}{r} 240 \\ - 90 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 332 \\ - 155 \\ \hline \end{array}$$

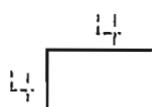


2 , 3 , 4 , 5 , 6 , 7 , 8 , 9

$$\begin{array}{r} x \\ 21 \\ \hline \end{array}$$

$$\begin{array}{r} x \\ 24 \\ \hline \end{array}$$

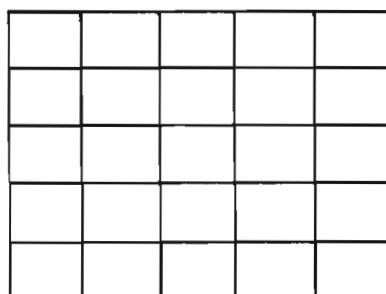
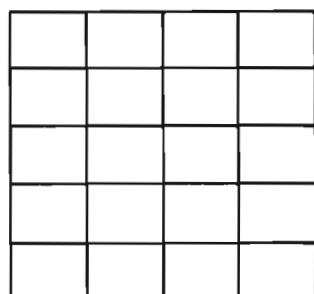
$$\begin{array}{r} x \\ 25 \\ \hline \end{array}$$



$$\begin{array}{r} x \\ 27 \\ \hline \end{array}$$

$$\begin{array}{r} x \\ 28 \\ \hline \end{array}$$

$$\begin{array}{r} x \\ 30 \\ \hline \end{array}$$



$$\begin{array}{r} x \\ 32 \\ \hline \end{array}$$

$$\begin{array}{r} x \\ 36 \\ \hline \end{array}$$

$$\begin{array}{r} x \\ 40 \\ \hline \end{array}$$



How do you feel?  
¿Cómo se siente?



Dear Parents,

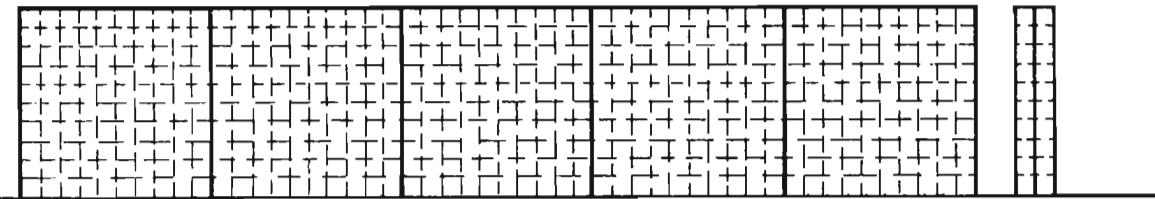
Now you can see that your child has worked on subtraction problems with regrouping into the hundreds. As with the addition problems on test three, we suggest that you ask your child to show you how the operation really "works" -- with beansticks and rafts, or on graph paper where it is easy to draw enclosed hundreds.

And we once again encourage you to capitalize on any real-life situations where this type of subtraction (or addition) is used, by discussing it and building upon it if the time is right. After all, those situations are the point of learning to compute all these things! So after shopping with your child and the bill was \$4.20, you could say such things as, "If we had not bought that \$.70 package of popsicles, it would have only been \$3.50. Right? And what if we had bought that extra box of cookies for \$.85? Then what would the total have been?"

Multiplication and division activities may be easier and more fun for you to practice at home. As you see on the back of the page, your child can do many different sorts of exercises with multiplication and division -- and together you can probably think up more. Oral practice can be lots of fun -- "I'm thinking of two numbers, both less than 6, that when multiplied together make 20. What are they? Okay, now two other numbers both less than 12, that when multiplied together also make 20." This problem-solving approach can be much more interesting and rewarding than rote drill. The use of beans or graphing should always be allowed when your child really feels the need for them.

Have fun, and again, please keep in mind that a positive attitude toward math is what we're hoping for.

Sincerely,

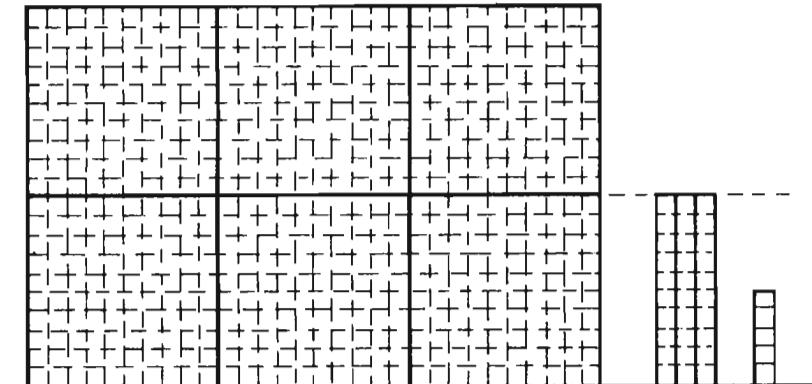


$$\begin{array}{r}
 520 \\
 + 20 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 20 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 21 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 100 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 120 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 + 75 \\
 \hline
 \end{array}$$

----- A. ----- B. ----- C. ----- D. ----- E. ----- F.

$$\begin{array}{r}
 520 \\
 - 30 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 35 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 40 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 45 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 - 50 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 520 \\
 + 80 \\
 \hline
 \end{array}$$

----- G. ----- H. ----- A. ----- B. ----- C. ----- D.



\_\_\_\_ 100's, \_\_\_\_ 10's, \_\_\_\_ 1's

$$\begin{array}{r}
 635 \\
 - 35 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 - 38 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 - 48 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 + 64 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 + 74 \\
 \hline
 \end{array}$$

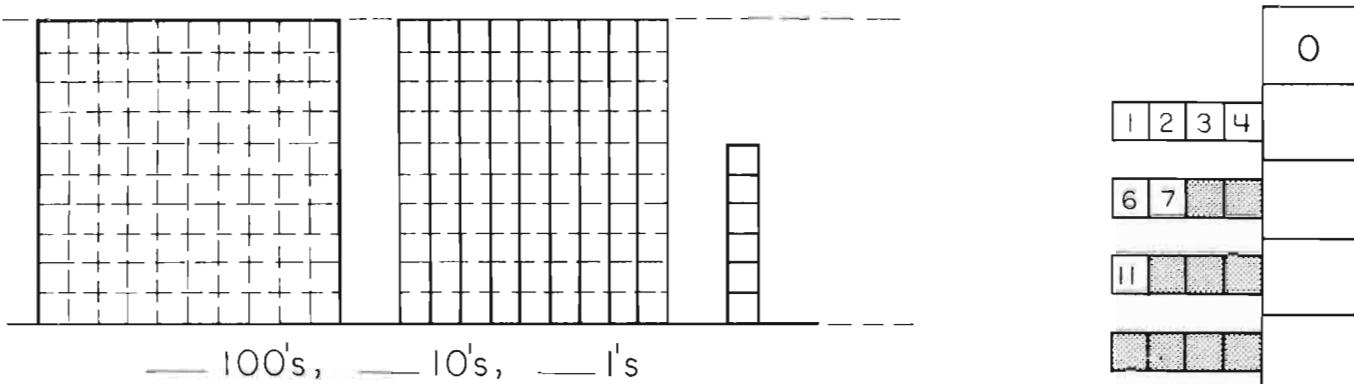
----- E. ----- F. ----- G. ----- H. ----- A.

$$\begin{array}{r}
 635 \\
 + 75 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 + 178 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 + 236 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 - 40 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 635 \\
 - 245 \\
 \hline
 \end{array}$$

----- B. ----- C. ----- D. ----- E. ----- F.

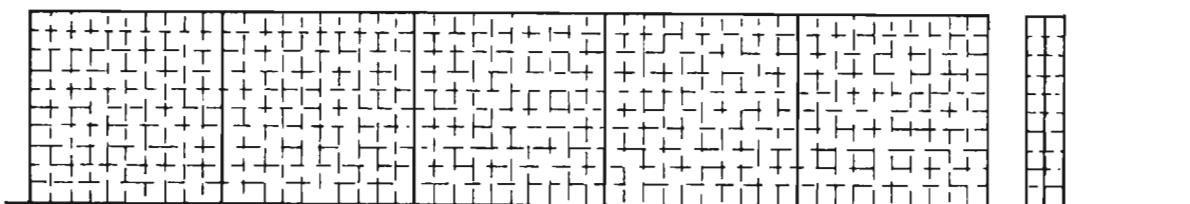
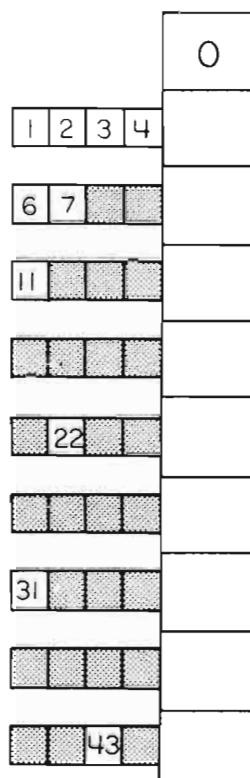
A.	B.	C.	D.
540	710	499	600
709	500	470	871
480	475	813	420

E.	F.	G.	H.
600	595	601	699
400	390	587	485
595	597	490	725



$$\begin{array}{r}
 + 196 \\
 + 4 \\
 \hline
 200
 \end{array}
 \quad
 \begin{array}{r}
 + 196 \\
 + 8 \\
 \hline
 \text{--- A.}
 \end{array}
 \quad
 \begin{array}{r}
 + 196 \\
 + 18 \\
 \hline
 \text{--- B.}
 \end{array}
 \quad
 \begin{array}{r}
 + 196 \\
 + 47 \\
 \hline
 \text{--- C.}
 \end{array}
 \quad
 \begin{array}{r}
 + 196 \\
 + 84 \\
 \hline
 \text{--- D.}
 \end{array}$$
  

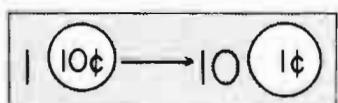
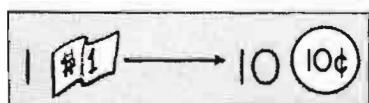
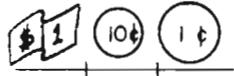
$$\begin{array}{r}
 - 196 \\
 - 56 \\
 \hline
 \text{--- E.}
 \end{array}
 \quad
 \begin{array}{r}
 - 196 \\
 - 59 \\
 \hline
 \text{--- F.}
 \end{array}
 \quad
 \begin{array}{r}
 - 196 \\
 - 68 \\
 \hline
 \text{--- G.}
 \end{array}
 \quad
 \begin{array}{r}
 - 196 \\
 - 87 \\
 \hline
 \text{--- A.}
 \end{array}
 \quad
 \begin{array}{r}
 - 196 \\
 - 128 \\
 \hline
 \text{--- B.}
 \end{array}$$



$$\begin{array}{r}
 + 520 \\
 + 30 \\
 \hline
 \text{--- C.}
 \end{array}
 \quad
 \begin{array}{r}
 - 520 \\
 - 20 \\
 \hline
 \text{--- D.}
 \end{array}
 \quad
 \begin{array}{r}
 + 520 \\
 + 75 \\
 \hline
 \text{--- E.}
 \end{array}
 \quad
 \begin{array}{r}
 + 520 \\
 + 80 \\
 \hline
 \text{--- F.}
 \end{array}
 \quad
 \begin{array}{r}
 - 520 \\
 - 100 \\
 \hline
 \text{--- G.}
 \end{array}
 \quad
 \begin{array}{r}
 - 520 \\
 - 120 \\
 \hline
 \text{--- A.}
 \end{array}$$
  

$$\begin{array}{r}
 - 520 \\
 - 10 \\
 \hline
 \text{--- B.}
 \end{array}
 \quad
 \begin{array}{r}
 - 520 \\
 - 9 \\
 \hline
 \text{--- C.}
 \end{array}
 \quad
 \begin{array}{r}
 - 520 \\
 - 19 \\
 \hline
 \text{--- D.}
 \end{array}
 \quad
 \begin{array}{r}
 + 520 \\
 + 200 \\
 \hline
 \text{--- E.}
 \end{array}
 \quad
 \begin{array}{r}
 + 520 \\
 + 150 \\
 \hline
 \text{--- F.}
 \end{array}
 \quad
 \begin{array}{r}
 - 520 \\
 - 25 \\
 \hline
 \text{--- G.}
 \end{array}$$

A.	B.	C.	D.	E.	F.	G.
204	510	550	501	140	600	495
109	214	243	500	595	670	128
400	68	511	280	720	137	420



$$\begin{array}{r} \underline{2} \quad \underline{5} \quad 0 \\ - \underline{7} \quad 0 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

A.

$$\begin{array}{r} \underline{2} \quad \underline{5} \quad 0 \\ - \underline{2} \quad 5 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

B.

$$\begin{array}{r} \underline{2} \quad \underline{5} \quad 0 \\ - \underline{7} \quad 5 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

C.

$$\begin{array}{r} \underline{3} \quad \underline{2} \quad 4 \\ - \underline{1} \quad 0 \quad 6 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

D.

$$\begin{array}{r} \underline{3} \quad \underline{2} \quad 4 \\ - \underline{1} \quad 0 \quad 0 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

E.

$$\begin{array}{r} \underline{3} \quad \underline{2} \quad 4 \\ - \underline{1} \quad 6 \quad 6 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

F.

$$\begin{array}{r} \underline{4} \quad \underline{3} \quad 0 \\ - \underline{1} \quad 7 \quad 0 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

A.

$$\begin{array}{r} \underline{4} \quad \underline{3} \quad 0 \\ - \underline{1} \quad 0 \quad 5 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

B.

$$\begin{array}{r} \underline{4} \quad \underline{3} \quad 0 \\ - \underline{1} \quad 7 \quad 5 \\ \hline = \end{array} = \underline{\hspace{2cm}} \text{¢}$$

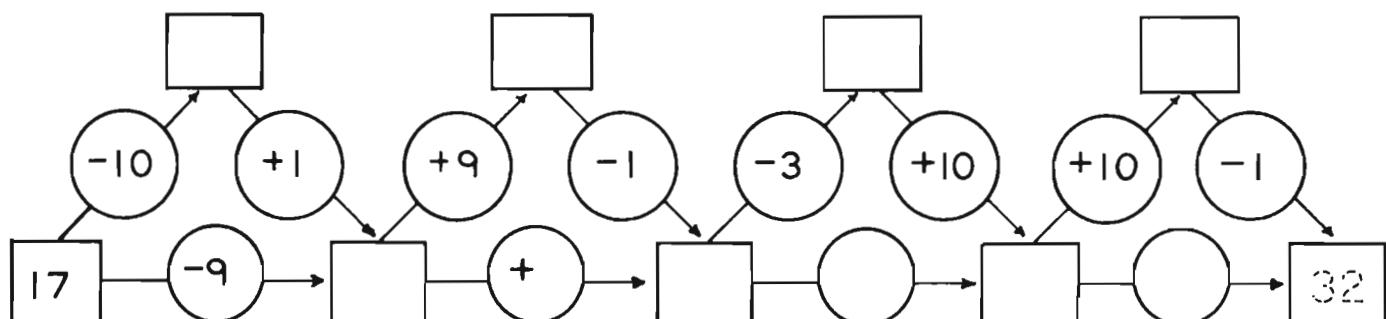
C.

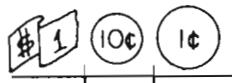
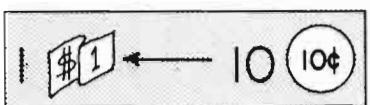
$$\begin{array}{r} \underline{3} \ 0 \ 0 \\ - \underline{5} \ 0 \\ \hline \end{array} \quad \begin{array}{r} \underline{3} \ 0 \ 0 \\ - \underline{1} \ 1 \ 0 \\ \hline \end{array} \quad \begin{array}{r} \underline{3} \ 0 \ 0 \\ - \underline{1} \ 0 \ 5 \\ \hline \end{array} \quad \begin{array}{r} \underline{3} \ 0 \ 0 \\ - \underline{1} \ 8 \ 0 \\ \hline \end{array} \quad \begin{array}{r} \underline{3} \ 0 \ 0 \\ - \underline{1} \ 8 \ 9 \\ \hline \end{array}$$

D.      E.      F.      A.      B.

$$\begin{array}{r} 6 + 9 = \underline{\hspace{2cm}} \\ C. \end{array} \quad \begin{array}{r} 8 + 7 = \underline{\hspace{2cm}} \\ D. \end{array} \quad \begin{array}{r} 9 + 3 = \underline{\hspace{2cm}} \\ E. \end{array}$$

A.	260	180	120
B.	225	111	325
C.	15	255	175
D.	250	15	218
E.	224	190	12
F.	137	158	195





$$\begin{array}{r} 2 \ 5 \ 0 \\ + 2 \ 5 \ 0 \\ \hline 5 \ 0 \ 0 \end{array} = \underline{\hspace{2cm}} \text{¢}$$

A.

$$\begin{array}{r} 2 \ 0 \ 5 \\ + 2 \ 0 \ 5 \\ \hline 4 \ 0 \ 0 \end{array} = \underline{\hspace{2cm}} \text{¢}$$

B.

$$\begin{array}{r} 2 \ 5 \ 5 \\ + 2 \ 5 \ 5 \\ \hline 5 \ 1 \ 0 \end{array} = \underline{\hspace{2cm}} \text{¢}$$

C.

$$\begin{array}{r} 1 \ 0 \ 7 \\ + 2 \ 0 \ 3 \\ \hline \quad \quad \quad \end{array} = \underline{\hspace{2cm}} \text{¢}$$

D.

$$\begin{array}{r} 1 \ 7 \ 4 \\ + 2 \ 3 \ 5 \\ \hline \quad \quad \quad \end{array} = \underline{\hspace{2cm}} \text{¢}$$

E.

$$\begin{array}{r} 2 \ 7 \ 7 \\ + 2 \ 4 \ 4 \\ \hline \quad \quad \quad \end{array} = \underline{\hspace{2cm}} \text{¢}$$

F.

$$\begin{array}{r} 3 \ 4 \ 6 \\ + 5 \ 2 \ 3 \\ \hline \quad \quad \quad \end{array} = \underline{\hspace{2cm}} \text{¢}$$

A.

$$\begin{array}{r} 2 \ 7 \ 5 \\ + 2 \ 7 \ 5 \\ \hline \quad \quad \quad \end{array} = \underline{\hspace{2cm}} \text{¢}$$

B.

$$\begin{array}{r} 3 \ 4 \ 5 \\ + 1 \ 5 \ 5 \\ \hline \quad \quad \quad \end{array} = \underline{\hspace{2cm}} \text{¢}$$

C.

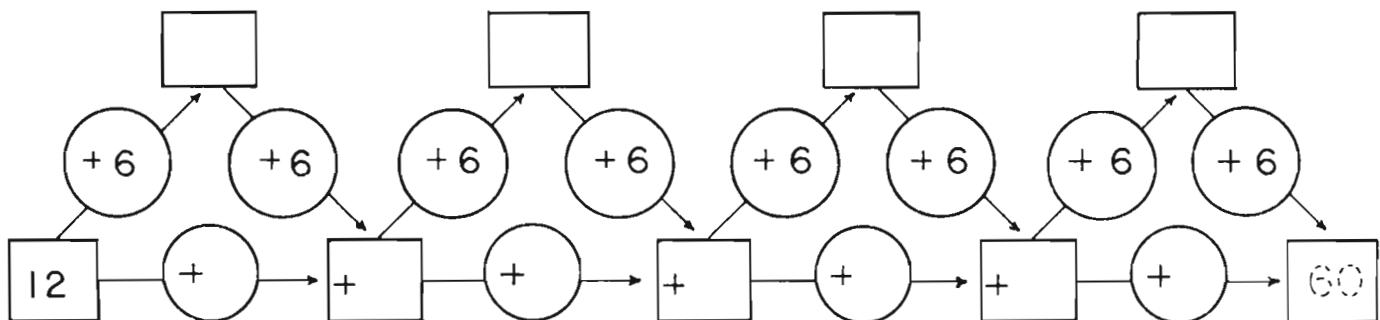
$$\begin{array}{r} 190 \\ + 110 \\ \hline \end{array} \quad \begin{array}{r} 185 \\ + 110 \\ \hline \end{array} \quad \begin{array}{r} 185 \\ + 115 \\ \hline \end{array} \quad \begin{array}{r} 285 \\ + 225 \\ \hline \end{array} \quad \begin{array}{r} 775 \\ + 125 \\ \hline \end{array}$$

D.      E.      F.      A.      B.

$$\begin{array}{r} 17+7 \\ \hline \end{array} = \underline{\hspace{2cm}} \quad \begin{array}{r} 8+18 \\ \hline \end{array} = \underline{\hspace{2cm}} \quad \begin{array}{r} 19+19 \\ \hline \end{array} = \underline{\hspace{2cm}}$$

C.      D.      E.

A.	510	869	500
B.	410	900	550
C.	500	510	24
D.	310	300	26
E.	295	38	409
F.	380	521	300



From the List

De la Lista

2 , 3 , 4 , 5 , 6 , 7 , 8 , 9

Please make all examples different.

Favor de hacer todos los ejemplos diferentes.

$$\frac{x}{4}$$

$$\frac{x}{6}$$

$$\frac{x}{8}$$

$$\frac{x}{9}$$

$$\frac{x}{10}$$

$$\frac{x}{12}$$

$$\frac{x}{14}$$

$$\frac{x}{15}$$

$$\frac{x}{16}$$

$$\frac{x}{18}$$

$$\frac{x}{20}$$

$$\frac{x}{21}$$

$$\frac{x}{24}$$

$$\frac{x}{25}$$

$$\frac{x}{27}$$

$$\frac{x}{28}$$

$$\frac{x}{32}$$

$$\frac{x}{36}$$

$$\frac{x}{40}$$

$$\frac{x}{42}$$

$$\frac{x}{45}$$

$$\frac{x}{48}$$

$$\frac{x}{49}$$

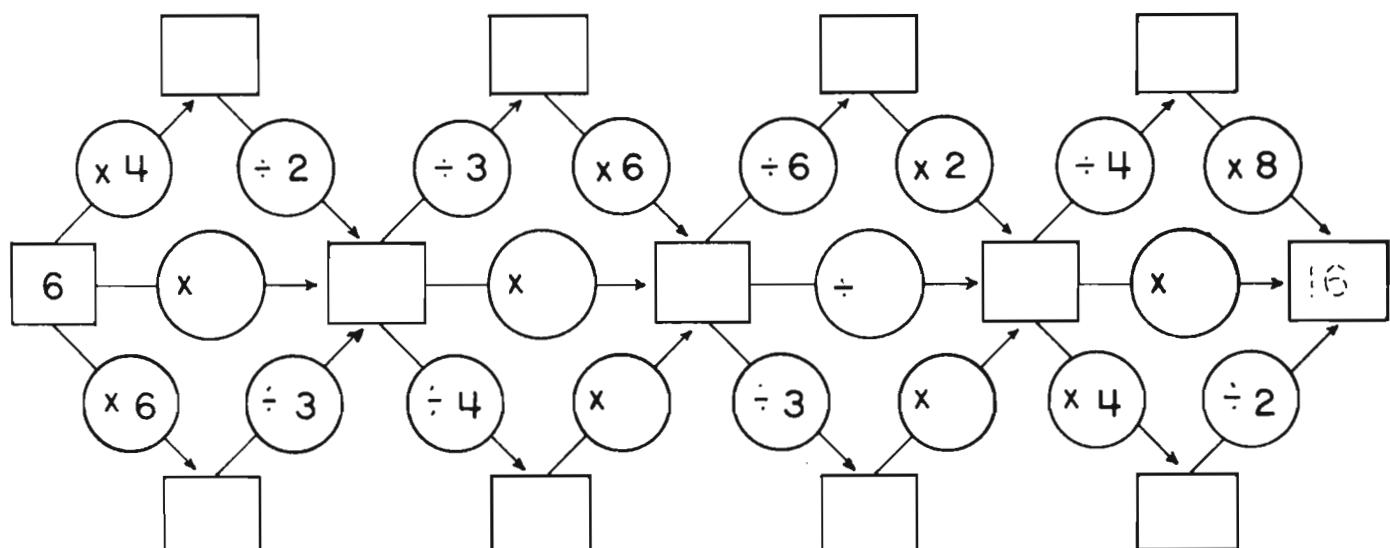
$$\frac{x}{54}$$

$$\frac{x}{56}$$

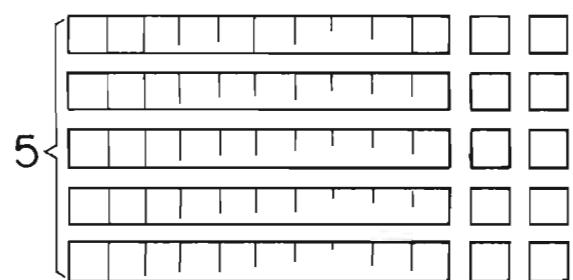
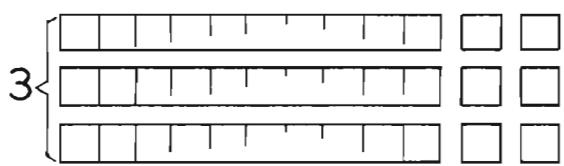
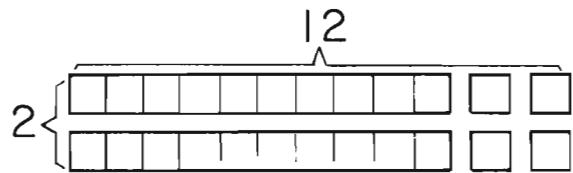
$$\frac{x}{64}$$

$$\frac{x}{72}$$

$$\frac{x}{81}$$



What can you see?



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

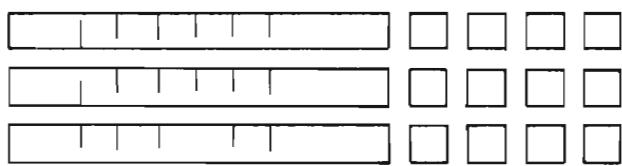
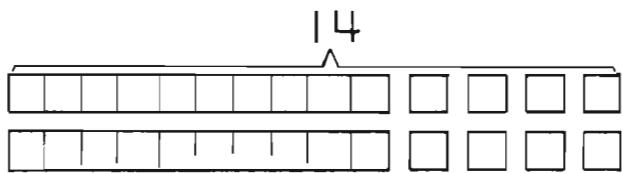
A.

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

B.

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

C.



$$\begin{array}{r} 14 \\ \times 2 \\ \hline \end{array}$$

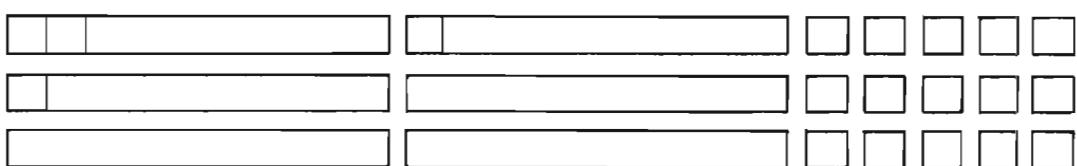
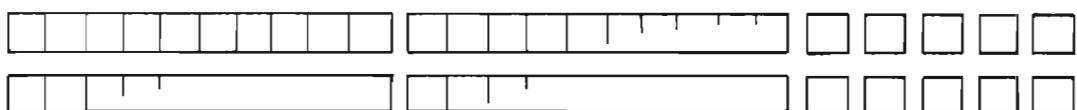
D.

$$\begin{array}{r} 14 \\ \times 3 \\ \hline \end{array}$$

E.

$$\begin{array}{r} 14 \\ \times 5 \\ \hline \end{array}$$

A.



$$\begin{array}{r} 25 \\ \times 2 \\ \hline \end{array}$$

B.

$$\begin{array}{r} 25 \\ \times 3 \\ \hline \end{array}$$

C.

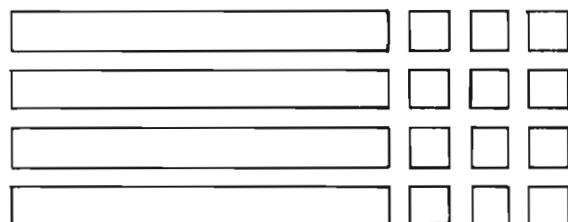
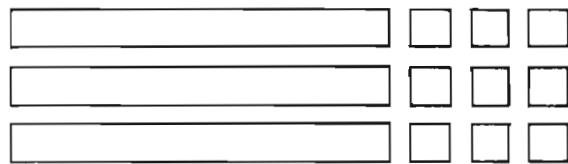
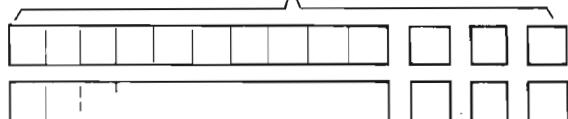
$$\begin{array}{r} 25 \\ \times 5 \\ \hline \end{array}$$

D.

A.	24	70
B.	50	36
C.	75	60
D.	28	125
E.	42	56

What can you see?

13



$$\begin{array}{r} 13 \\ \times 2 \\ \hline \end{array}$$

A.

$$\begin{array}{r} 13 \\ \times 3 \\ \hline \end{array}$$

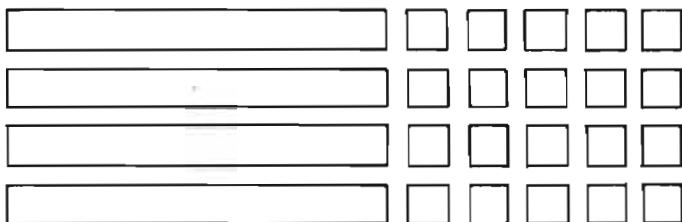
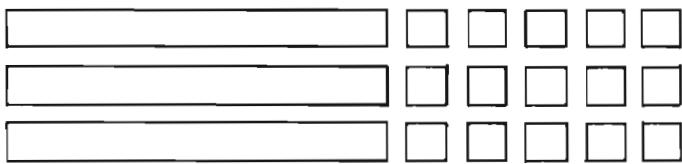
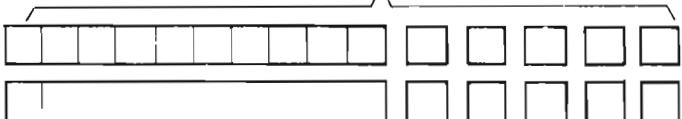
B.

$$\begin{array}{r} 13 \\ \times 4 \\ \hline \end{array}$$

C.

¿Qué puede usted ver?

15



$$\begin{array}{r} 15 \\ \times 2 \\ \hline \end{array}$$

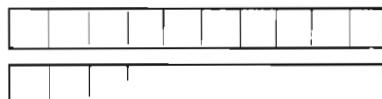
D.

$$\begin{array}{r} 15 \\ \times 3 \\ \hline \end{array}$$

E.

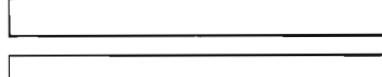
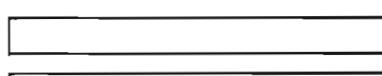
$$\begin{array}{r} 15 \\ \times 4 \\ \hline \end{array}$$

A.



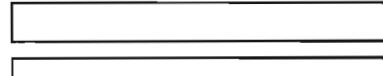
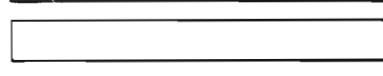
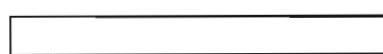
$$\begin{array}{r} 23 \\ \times 2 \\ \hline \end{array}$$

B.



$$\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$$

C.



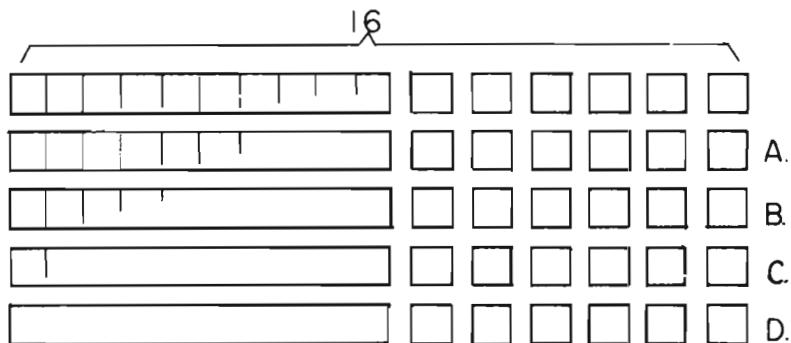
$$\begin{array}{r} 23 \\ \times 4 \\ \hline \end{array}$$

D.

A.	B.	C.	D.	E.
26	46	52	30	61
60	39	69	92	45

What can you see?

¿Qué puede usted ver?



$$\begin{array}{r} 16 \\ \times 2 \\ \hline \end{array}$$

A.

$$\begin{array}{r} 16 \\ \times 3 \\ \hline \end{array}$$

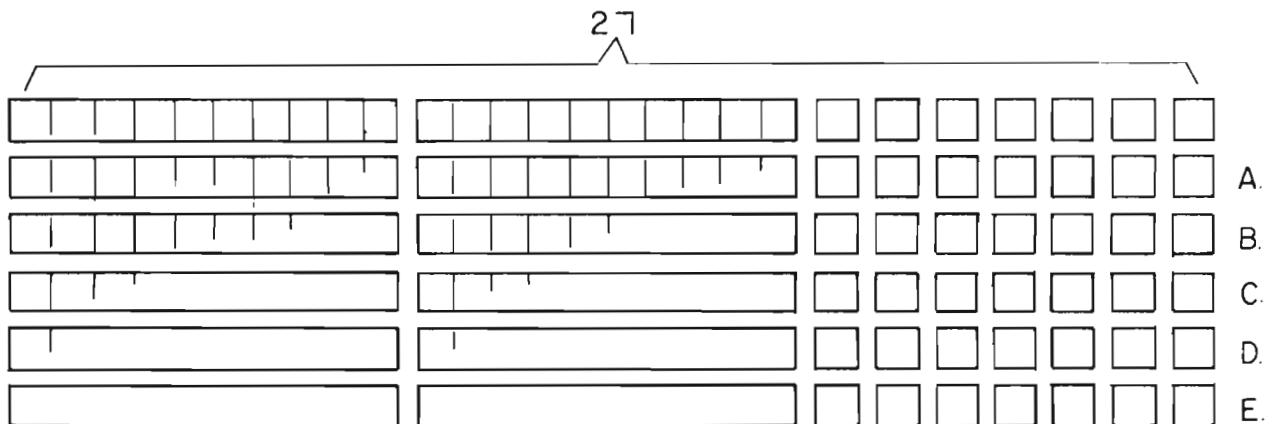
B.

$$\begin{array}{r} 16 \\ \times 4 \\ \hline \end{array}$$

C.

$$\begin{array}{r} 16 \\ \times 5 \\ \hline \end{array}$$

D.



$$\begin{array}{r} 27 \\ \times 2 \\ \hline \end{array}$$

A.

$$\begin{array}{r} 27 \\ \times 3 \\ \hline \end{array}$$

B.

$$\begin{array}{r} 27 \\ \times 4 \\ \hline \end{array}$$

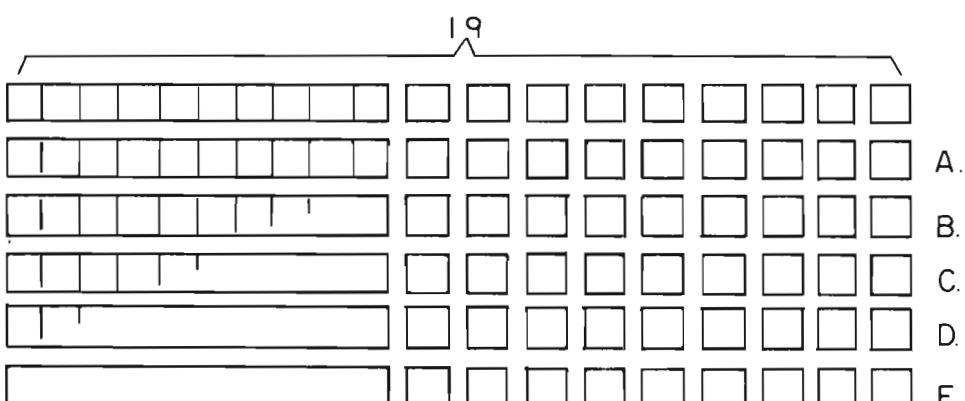
C.

$$\begin{array}{r} 27 \\ \times 5 \\ \hline \end{array}$$

D.

$$\begin{array}{r} 27 \\ \times 6 \\ \hline \end{array}$$

E.



$$\begin{array}{r} 19 \\ \times 2 \\ \hline \end{array}$$

A.

$$\begin{array}{r} 19 \\ \times 3 \\ \hline \end{array}$$

B.

$$\begin{array}{r} 19 \\ \times 4 \\ \hline \end{array}$$

C.

$$\begin{array}{r} 19 \\ \times 5 \\ \hline \end{array}$$

D.

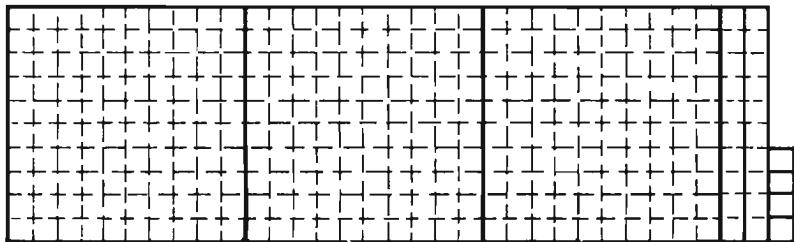
$$\begin{array}{r} 19 \\ \times 6 \\ \hline \end{array}$$

E.

A.	32	38	54
B.	57	81	48
C.	108	64	76
D.	80	95	135
E.	105	162	114

On Your Own

Usted Solo

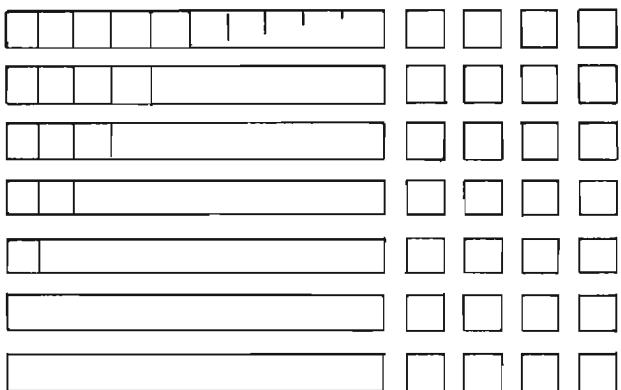


\_\_\_ 100's, \_\_\_ 10's, \_\_\_ 1's

$$\begin{array}{r} 324 \\ - 34 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ + 184 \\ \hline \end{array} \quad \begin{array}{r} 300 \\ - 150 \\ \hline \end{array} \quad \begin{array}{r} 300 \\ - 205 \\ \hline \end{array} \quad \begin{array}{r} 300 \\ - 175 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ + 648 \\ \hline \end{array} \quad \begin{array}{r} 124 \\ + 777 \\ \hline \end{array}$$

$$\begin{array}{r} 324 \\ + 106 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ + 180 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ + 197 \\ \hline \end{array}$$

$$\begin{array}{r} 324 \\ - 106 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ - 180 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ - 197 \\ \hline \end{array}$$



2, 3, 4, 5, 6, 7, 8, 9

$$\begin{array}{r} \times \\ 21 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 24 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 25 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 27 \\ \hline \end{array}$$

$$\begin{array}{r} \times \\ 28 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 30 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 32 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 36 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \times \\ 40 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 42 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 45 \\ \hline \end{array} \quad \begin{array}{r} \times \\ 48 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ \times 7 \\ \hline \end{array}$$

How do you feel?  
¿Cómo se siente?



Dear Parents,

If you take a look at the first few tests in the C-Level Computation series and then at this last check-up exercise you will discover that your child has dealt with a lot of mathematics this year! The completed problems on the back of this page are testimony to the tremendous development in computational skills your child has made! And hopefully you have been able to detect the growth in the understanding of mathematical relationships that has been happening throughout the year.

On this last test a new step is illustrated with the place-value sketch of the groups of 14. This is the beginning of computing multiplication where regrouping is involved. Your child has now learned to do this, after also having learned the recording of this regrouping (carrying and borrowing) in addition and subtraction this year. By now you are familiar with our use of ten-sticks and beans (or dimes and pennies), so you can have your child show you what happens in these kinds of multiplication problems using these same materials. If you've come up with some materials that work better or just as well for you, we'd love to hear about them!

We can't thank you enough for your help and "friendly" support at home -- please keep it up! We're very happy about your child's progress this year and hope that the process of learning about mathematics will always be a fun, exciting, and happy one for you both! After all, there is no reason for it to be otherwise.

Sincerely,





this book  
belongs to \_\_\_\_\_

este libro  
es de \_\_\_\_\_