

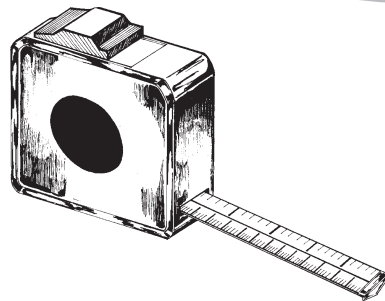
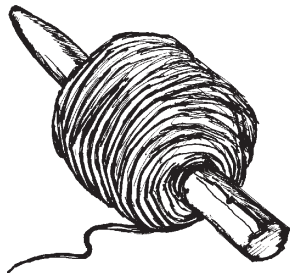
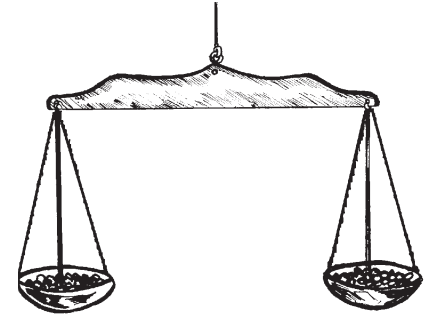
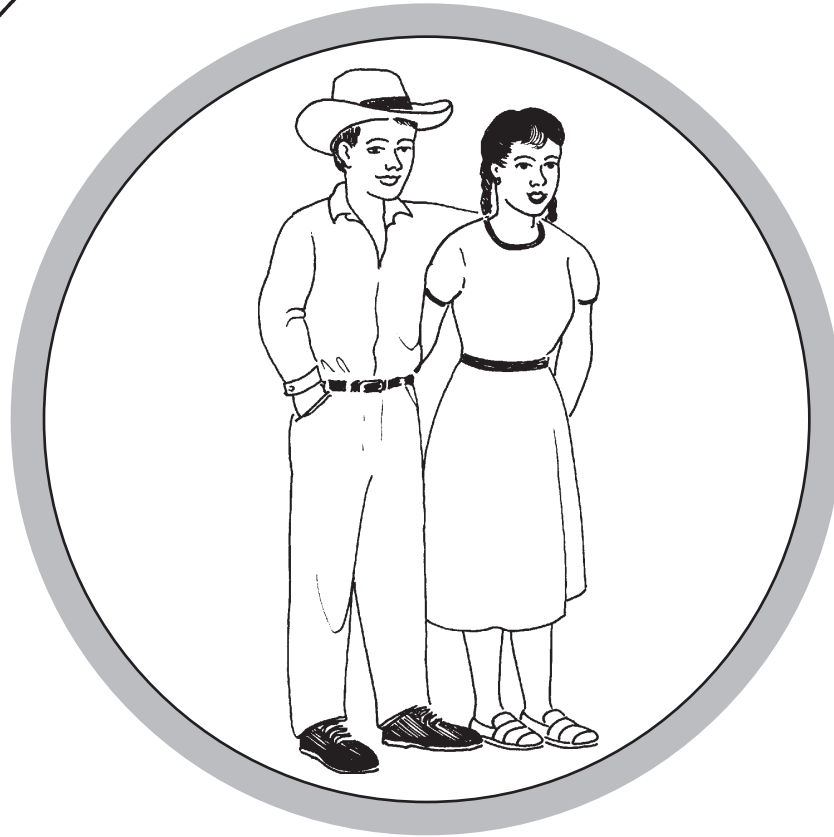
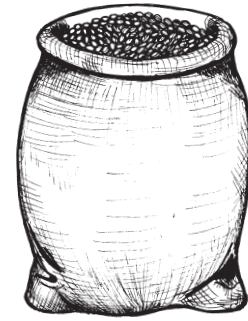
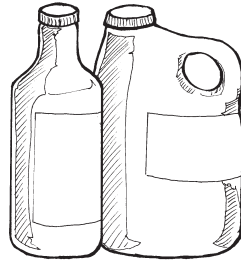
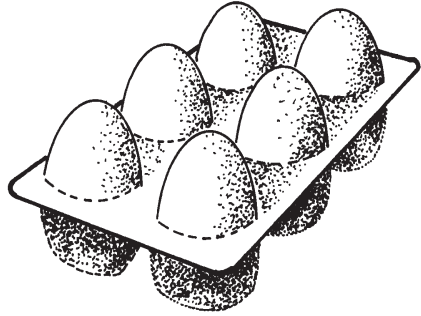
PRESENTACIÓN

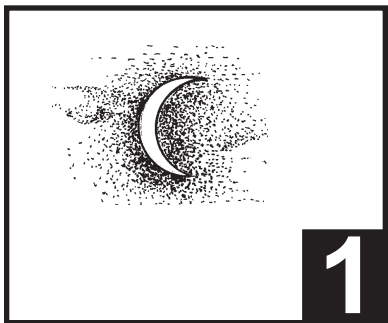
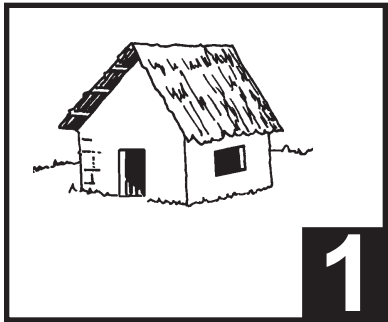
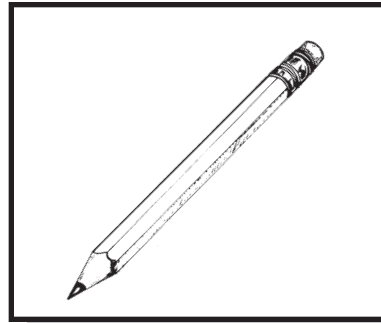
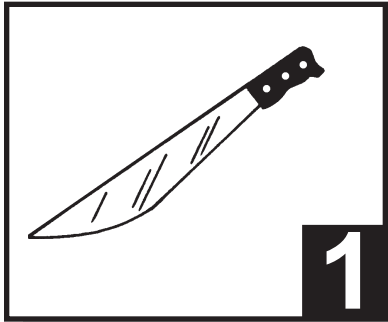
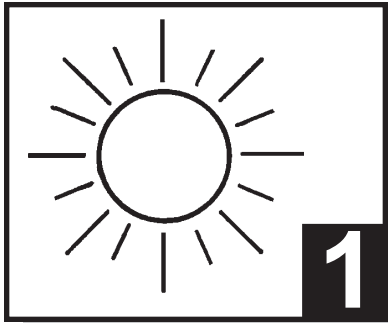
CARTILLA DE CÁLCULO MATEMÁTICO ELEMENTAL PARA LA FASE INICIAL DE ALFABETIZACIÓN

La presente cartilla contiene ejercicios que le ayudarán en el desarrollo de cada uno de los temas esenciales para el aprendizaje de los números y las cuatro operaciones de cálculo matemático elemental.

El contenido presentado se basa en el resultado de la investigación participativa realizada por los animadores del CONALFA y de la experiencia del personal de campo durante tres años de labor alfabetizadora en la Región VI y responde a las necesidades, intereses, problemas y expectativas manifestadas por la población beneficiaria, tomando en cuenta además, la experiencia en cuanto a la habilidad de cálculo matemático que poseen los participantes.

“ A D E L A N T E ”





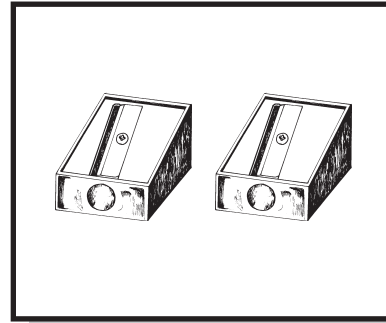
Ejercicio

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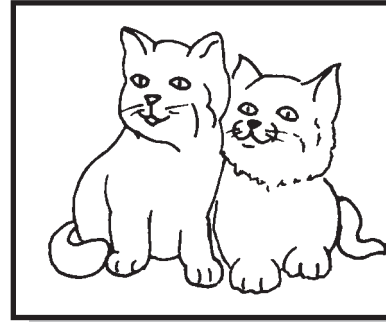
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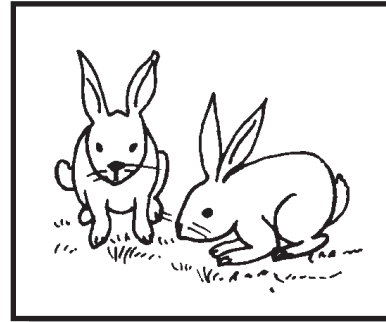
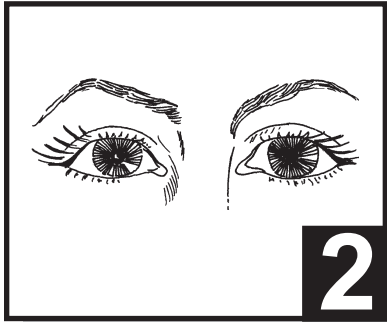


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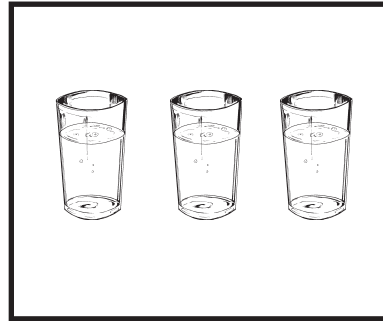
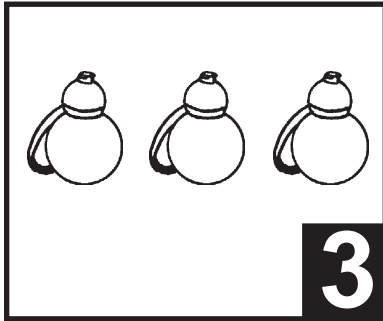
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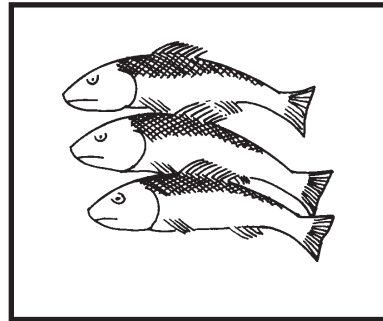
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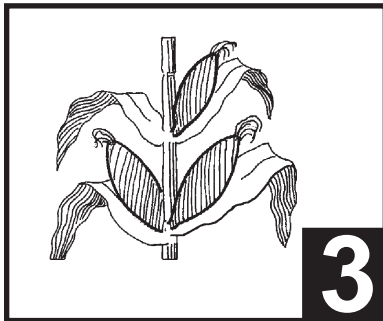
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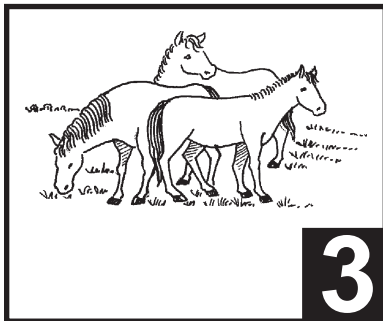
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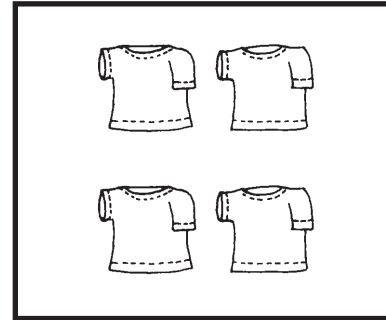
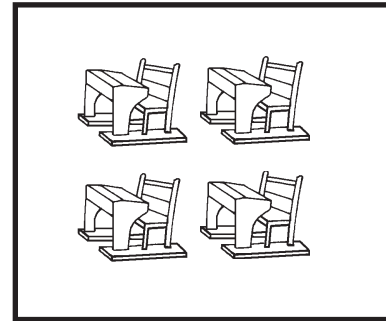
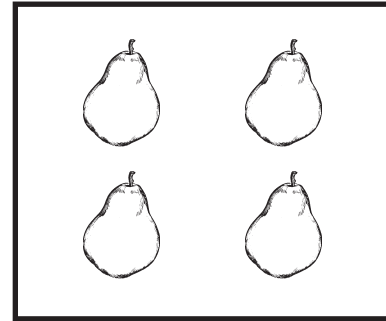
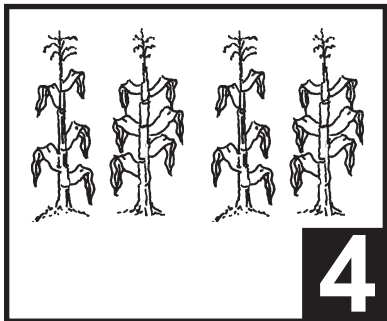
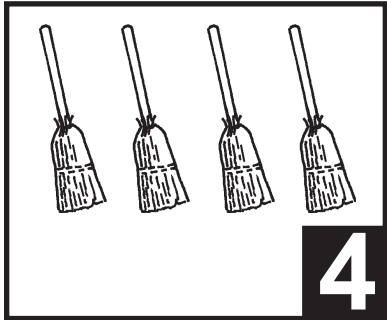
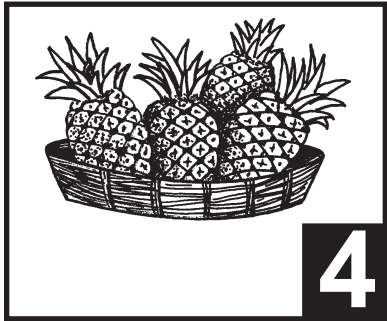


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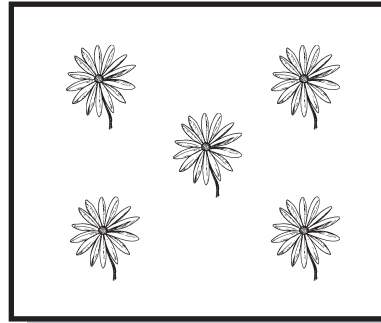
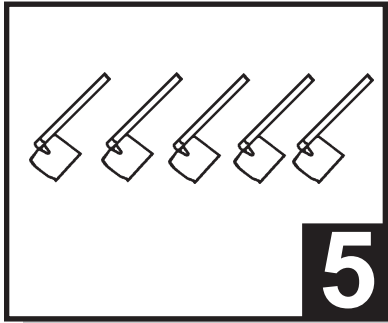
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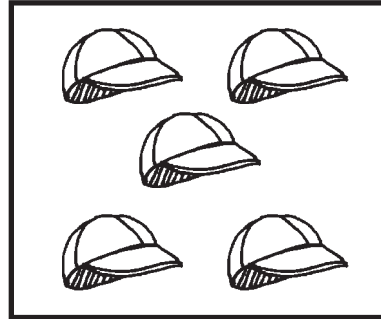


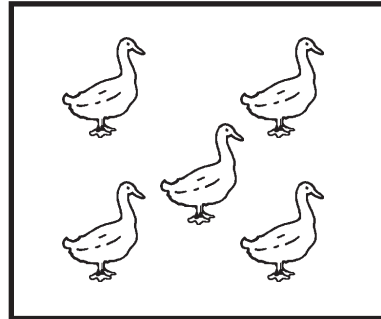
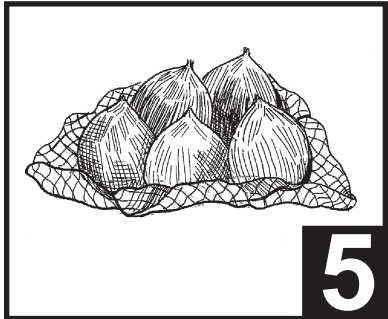
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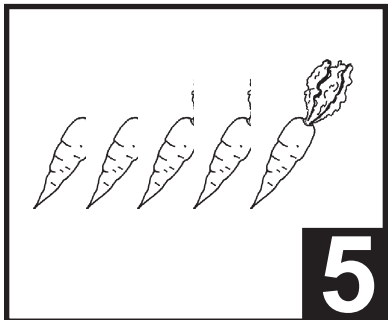
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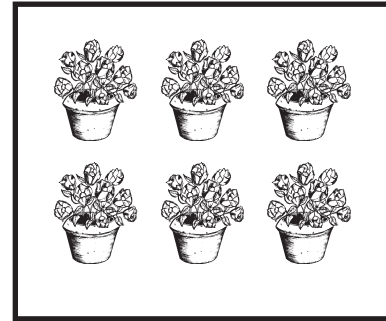
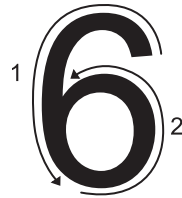
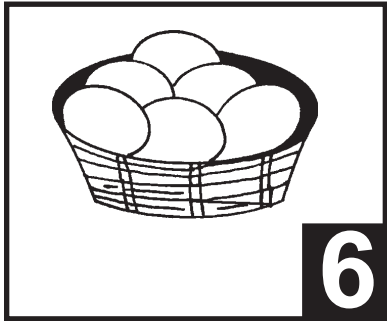
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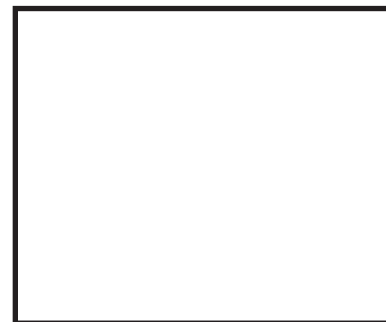
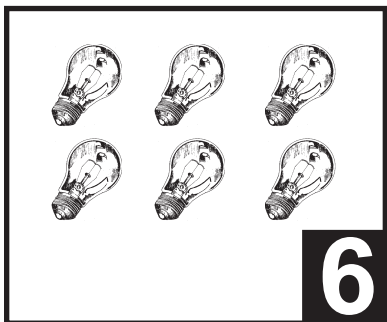
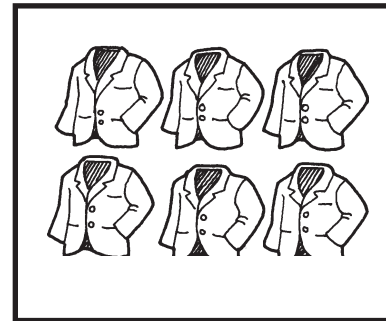
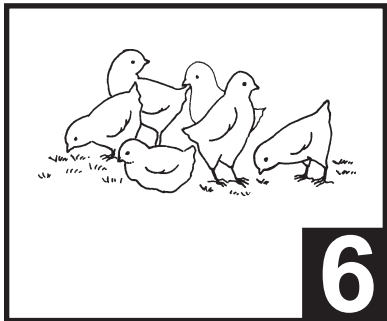
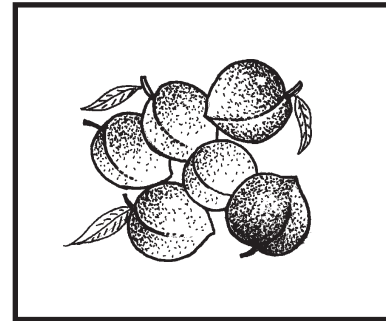
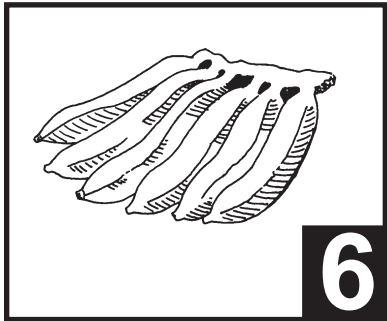




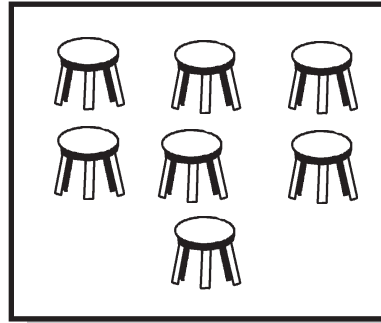
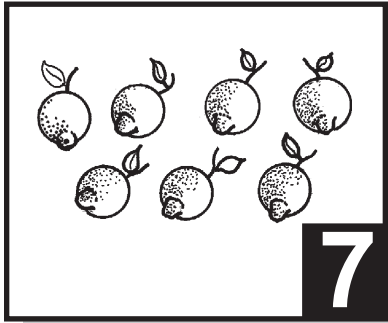
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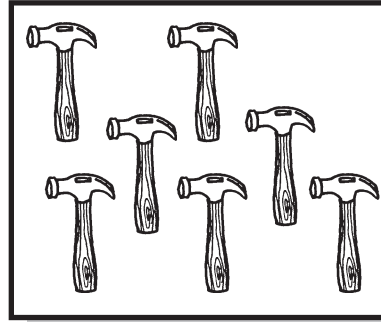
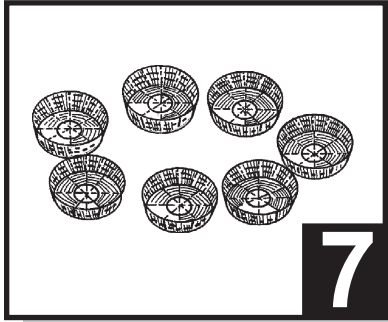
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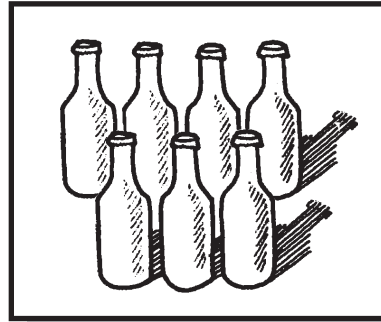
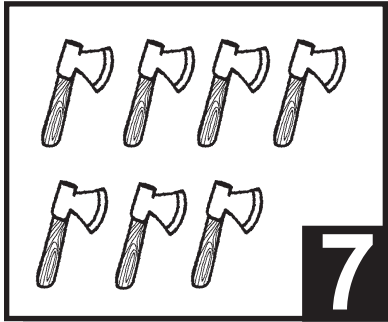


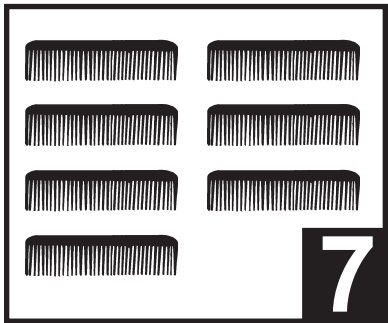
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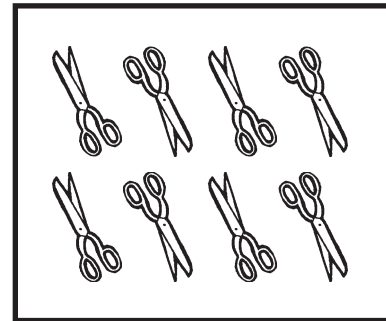
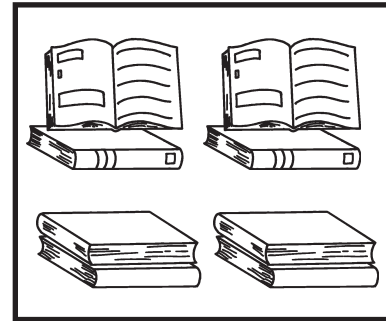
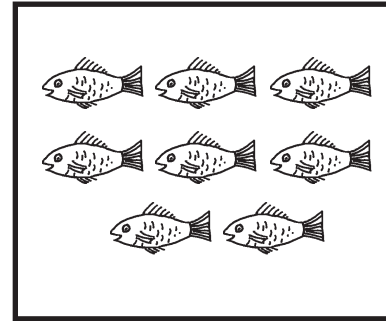
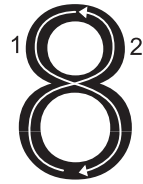
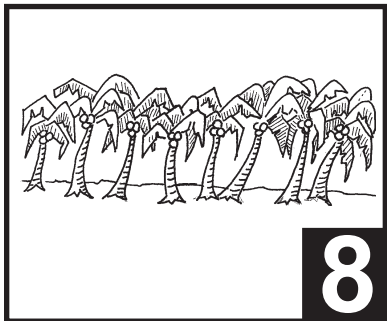
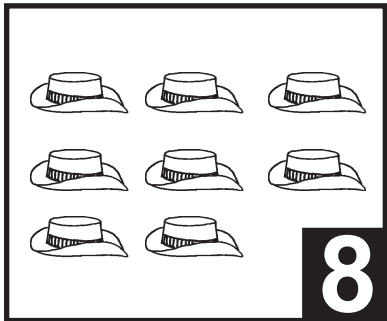
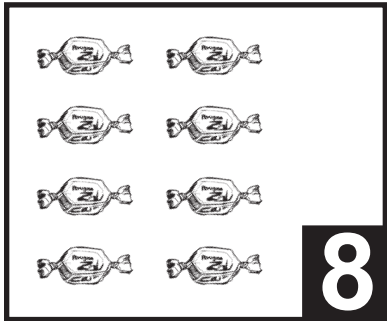
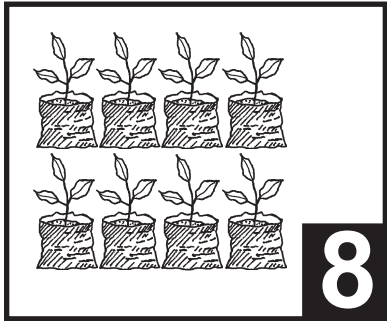
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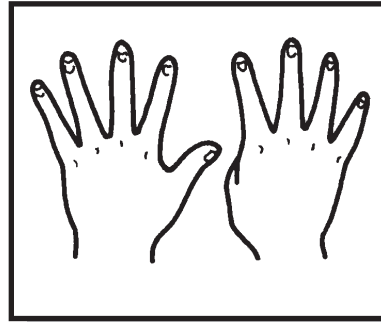
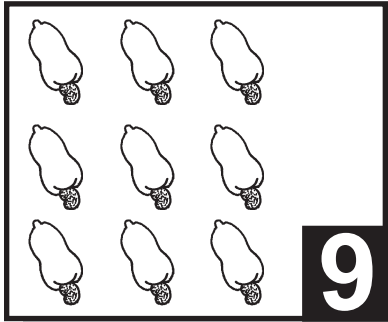
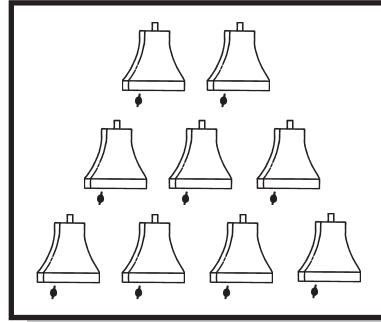
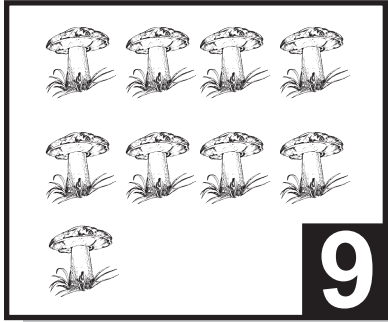
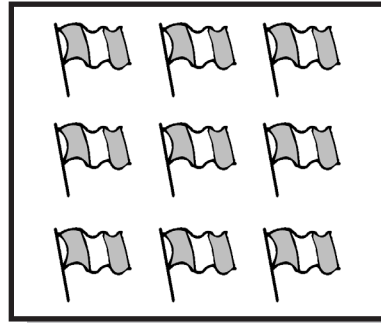
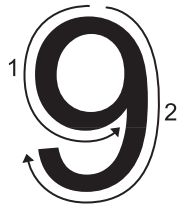
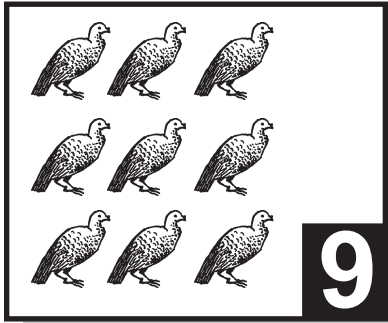


Ejercicio



Ejercicio

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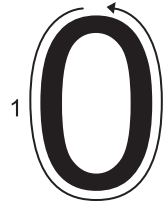
Ejercicio

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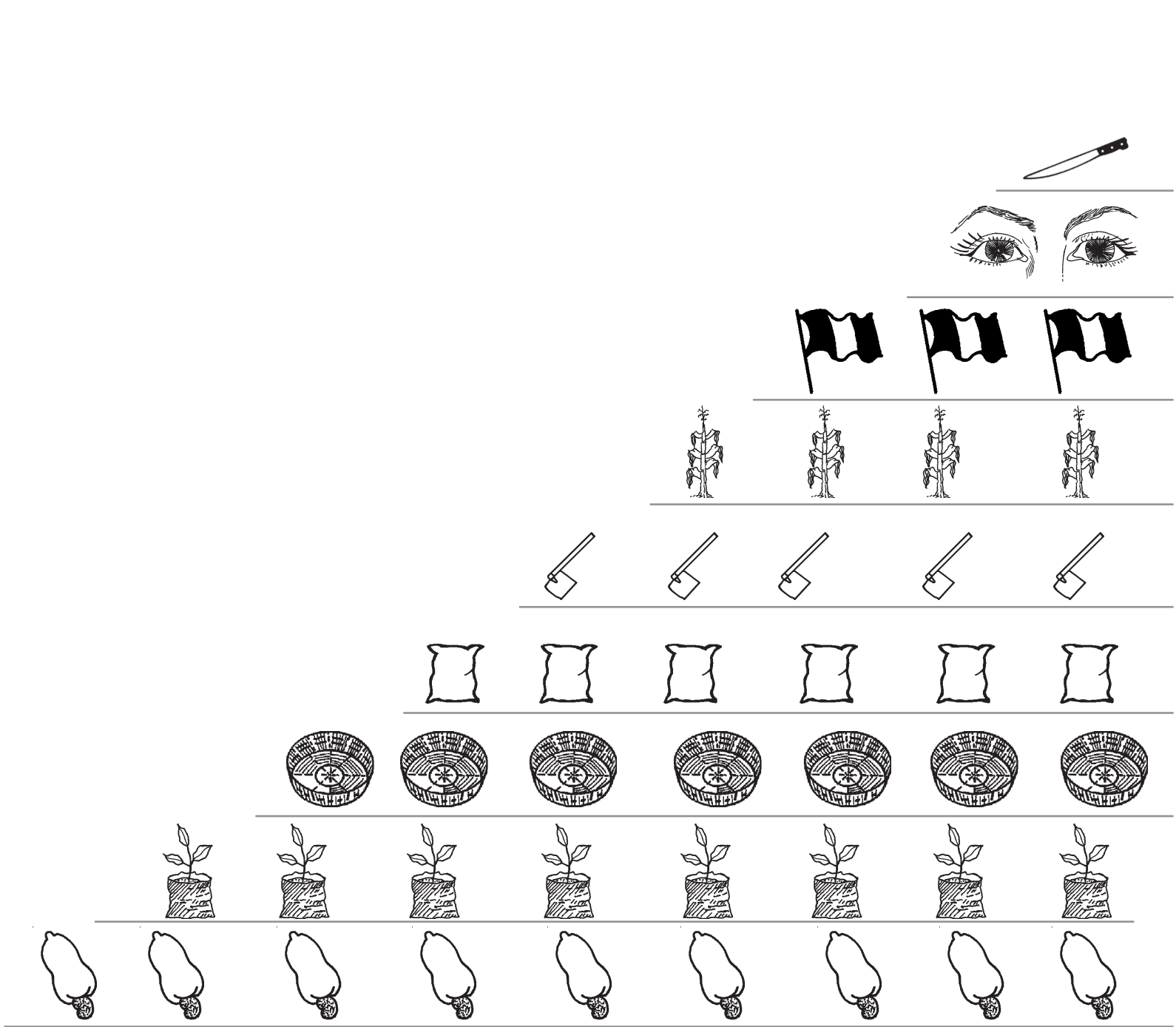
Ejercicio

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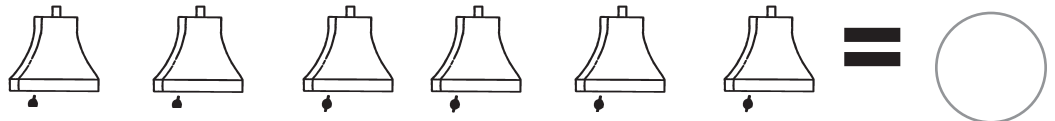
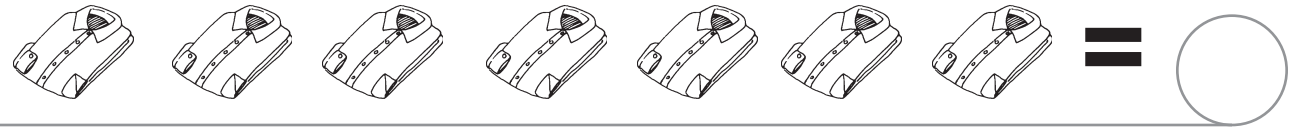
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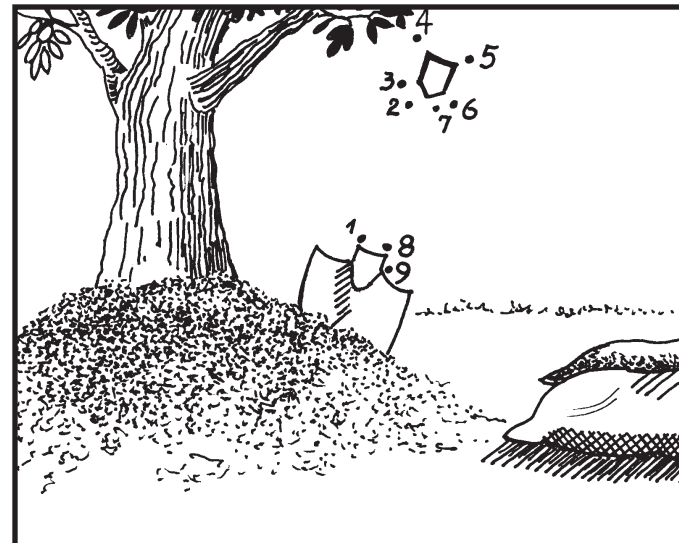
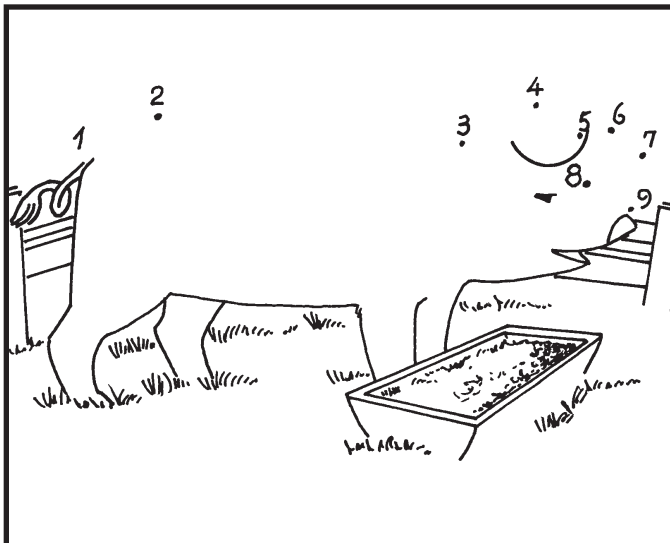
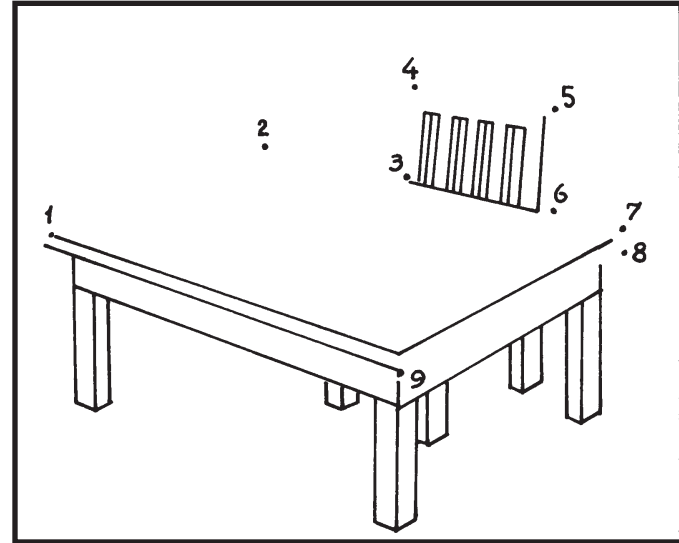
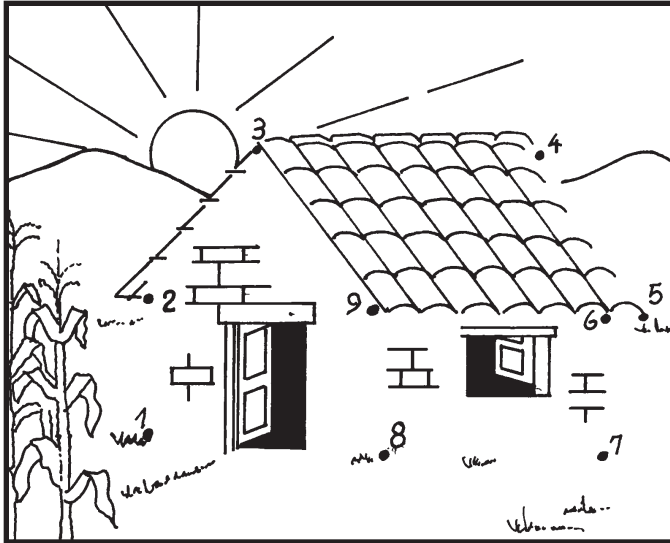
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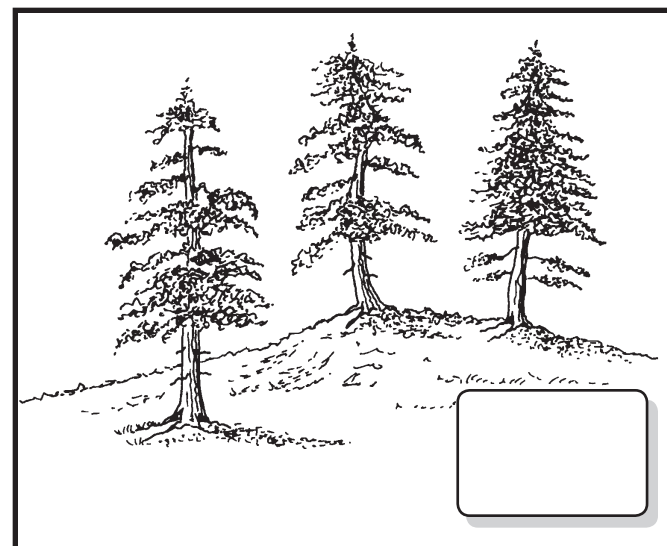
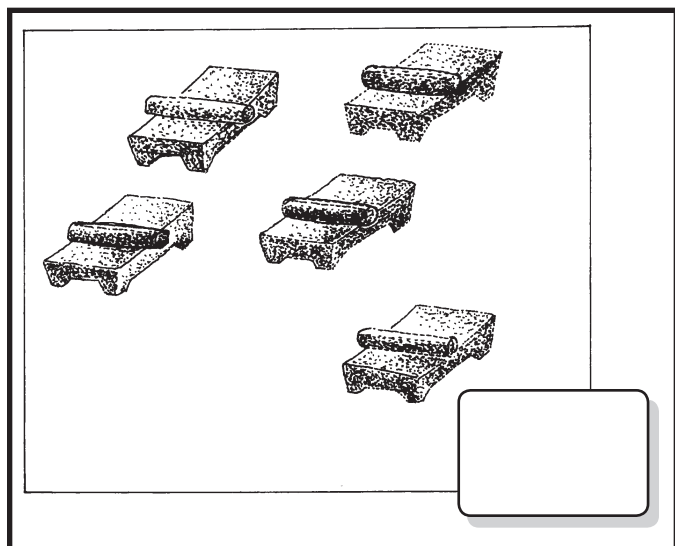
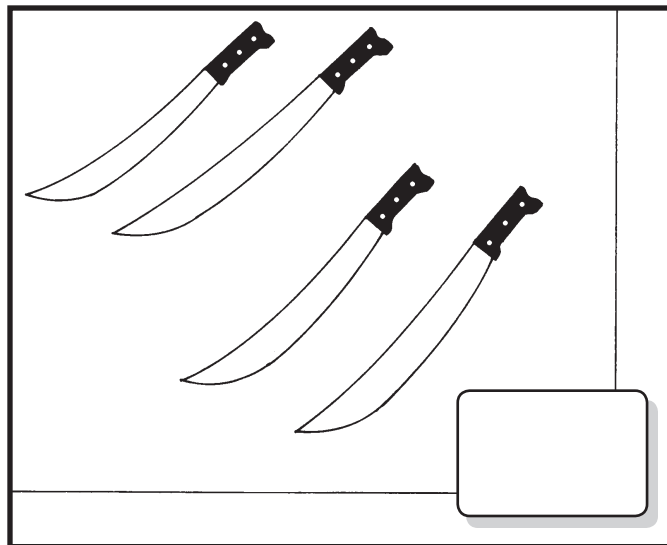
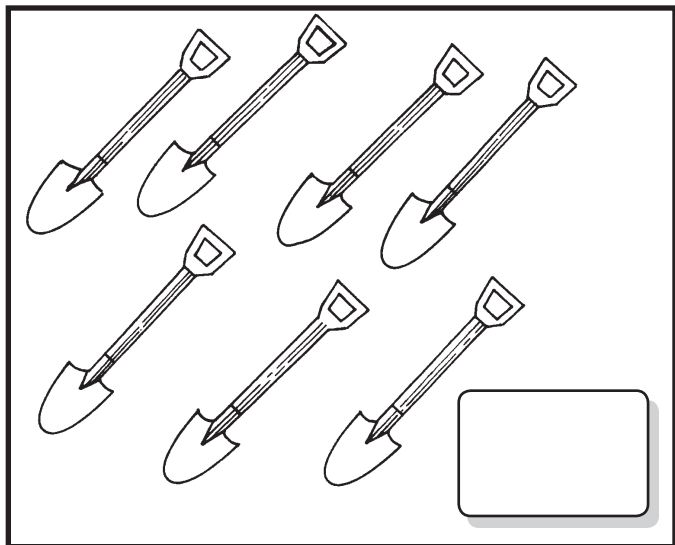
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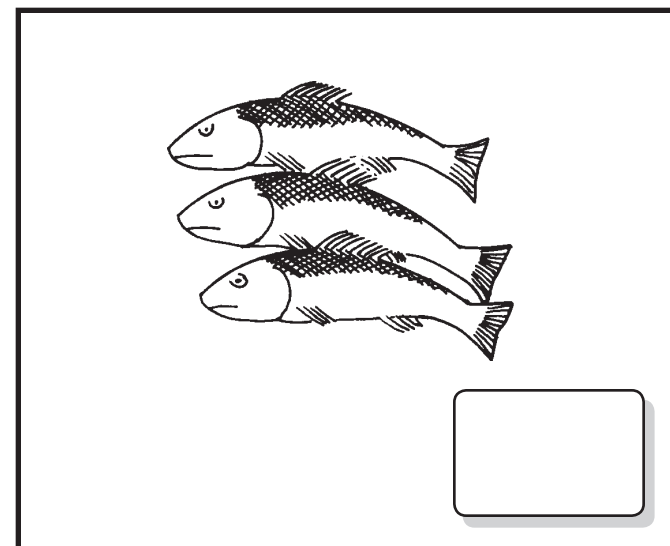
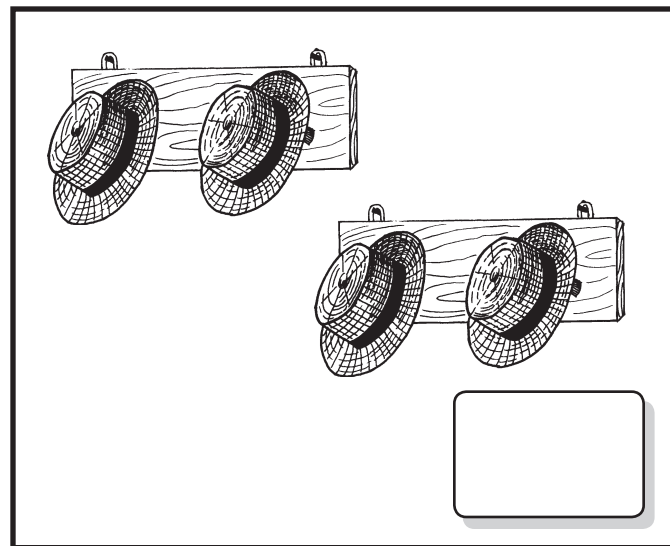
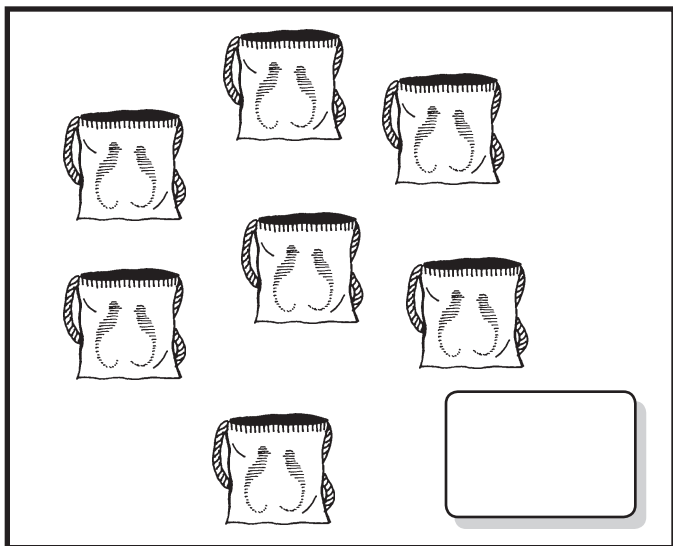
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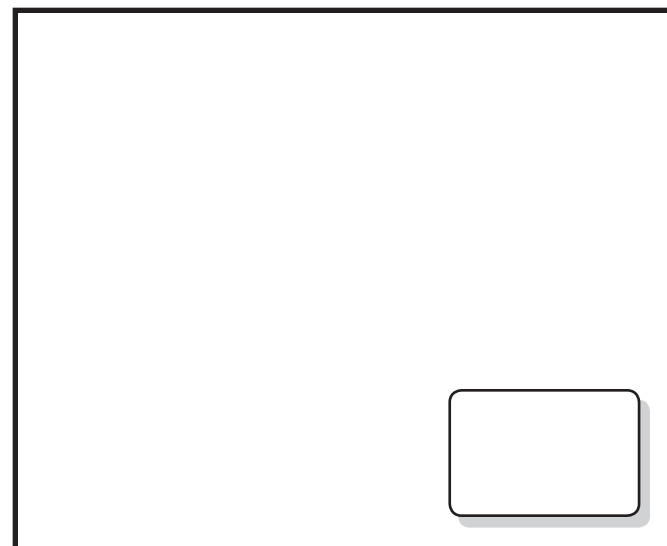
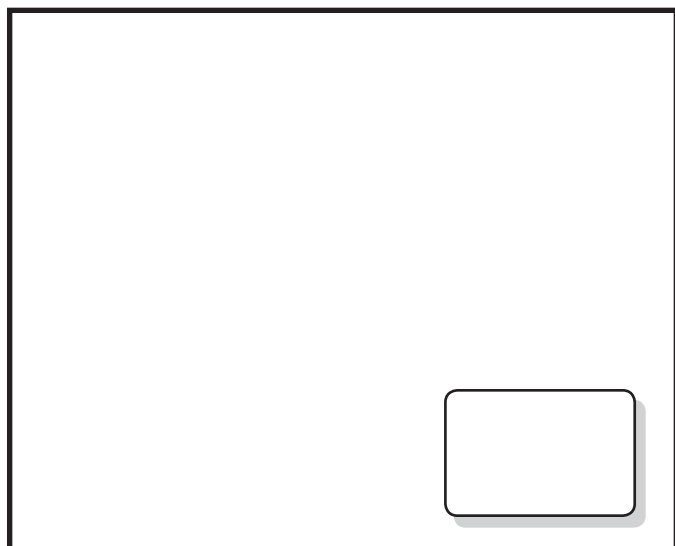
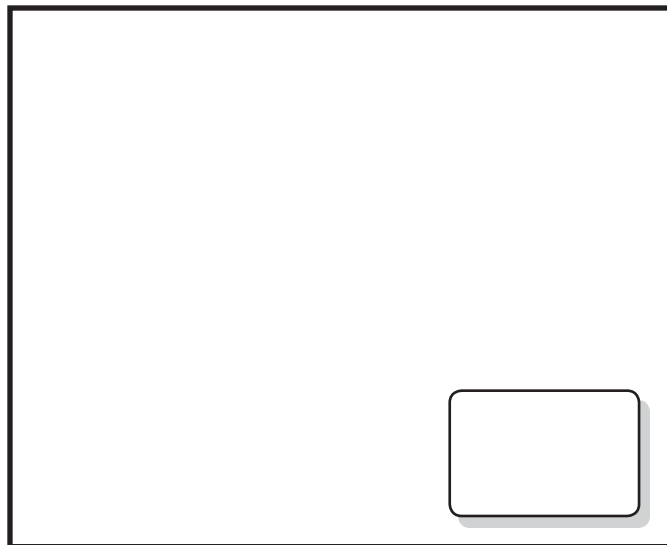
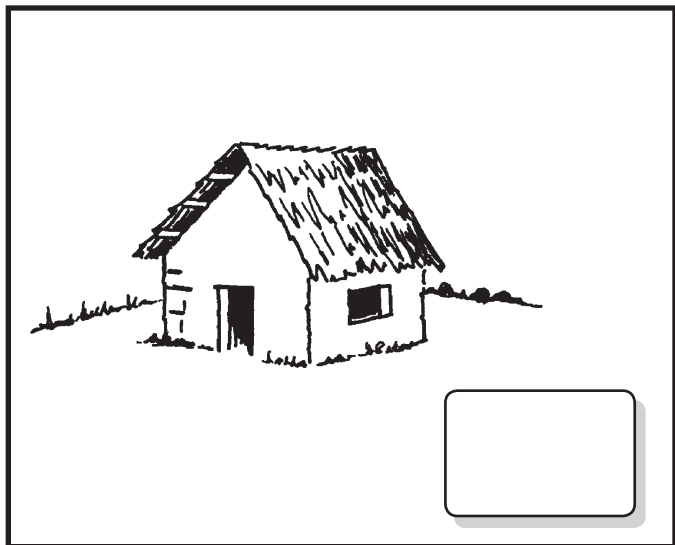
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Cuente



Cuento



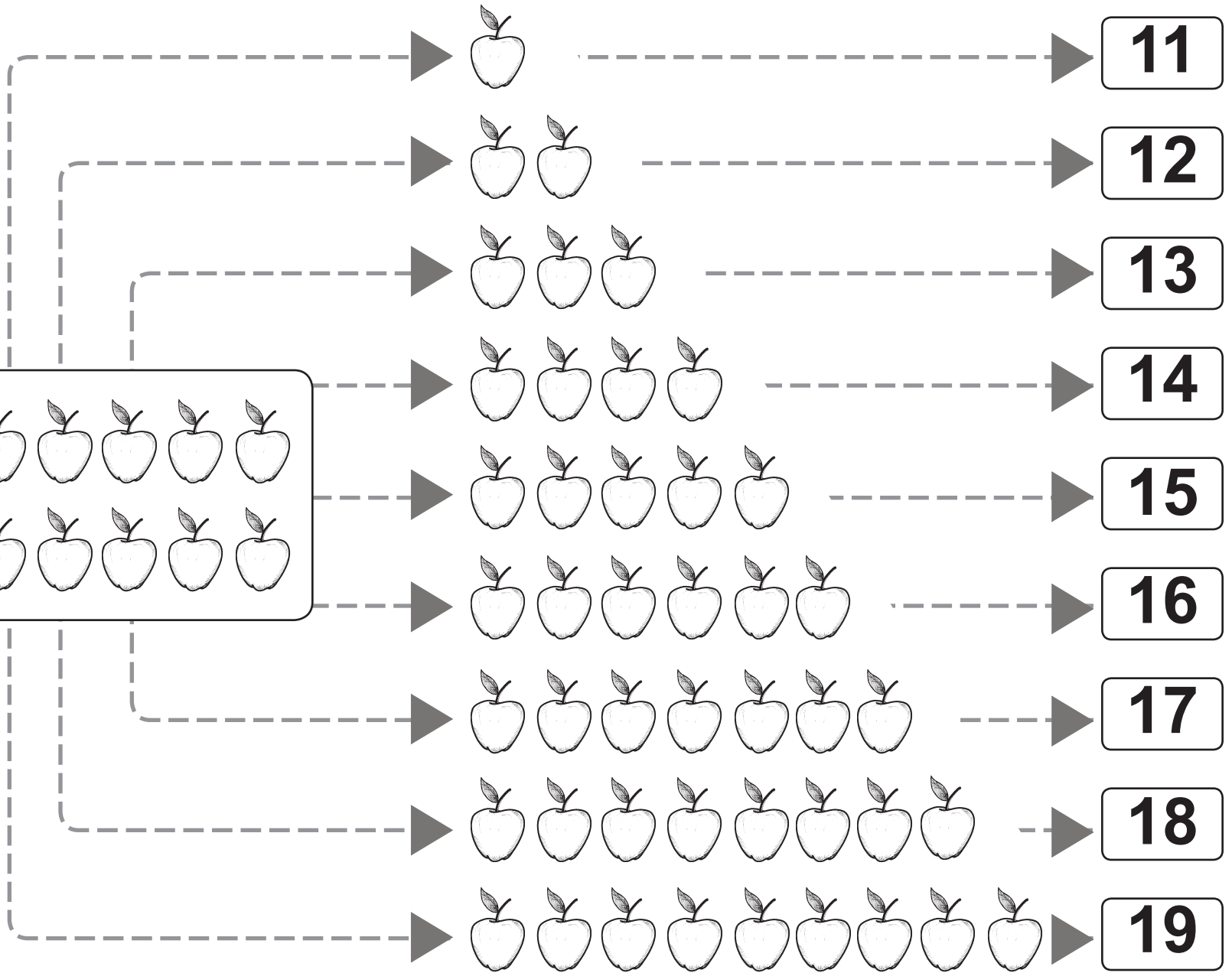
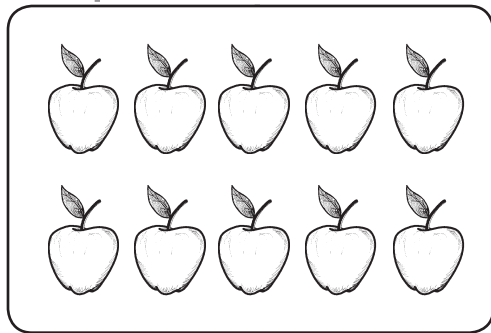
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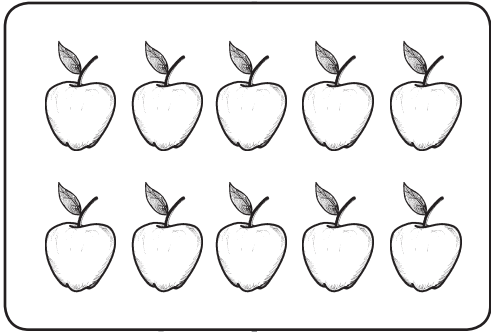
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Ejercite el número
diez

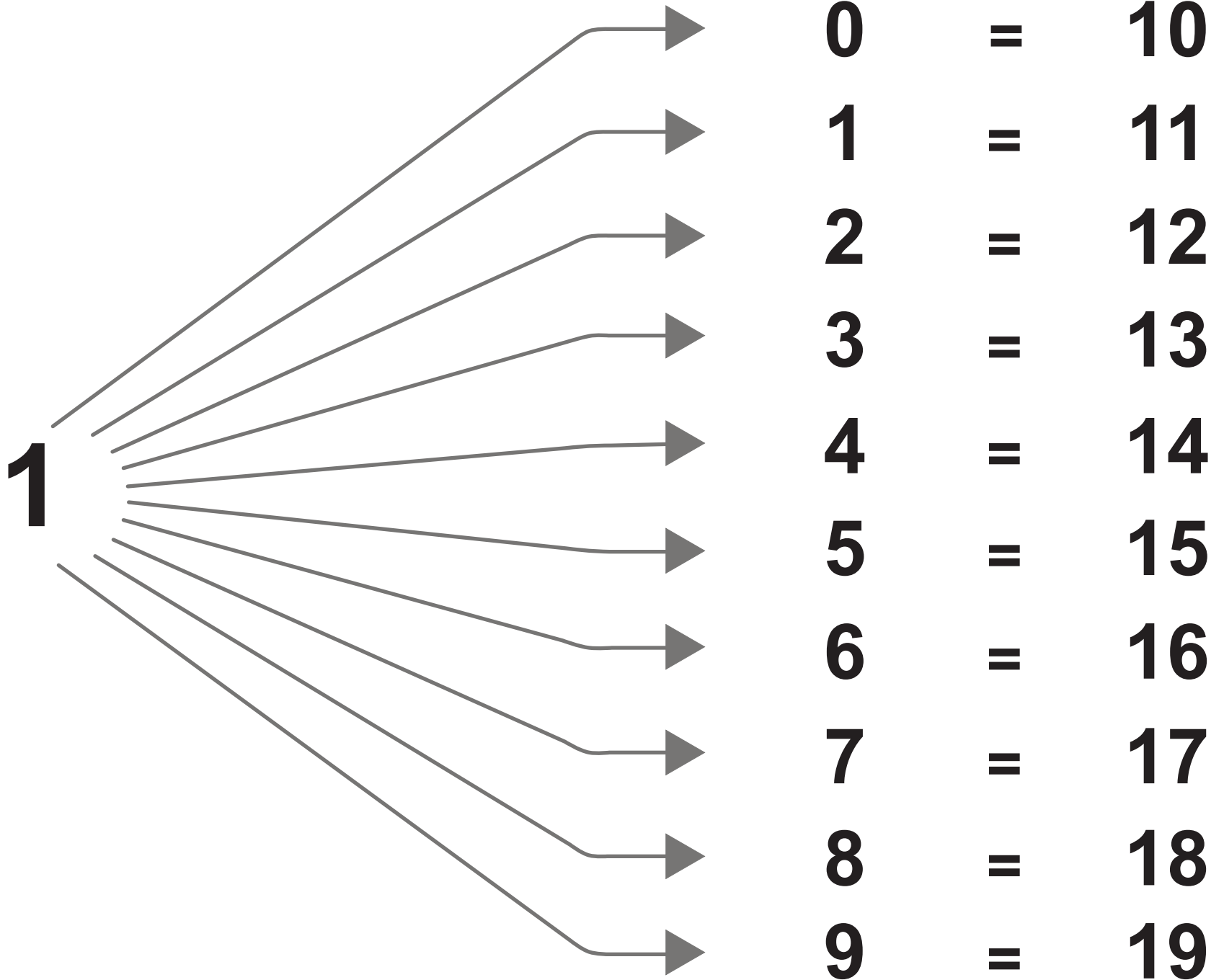
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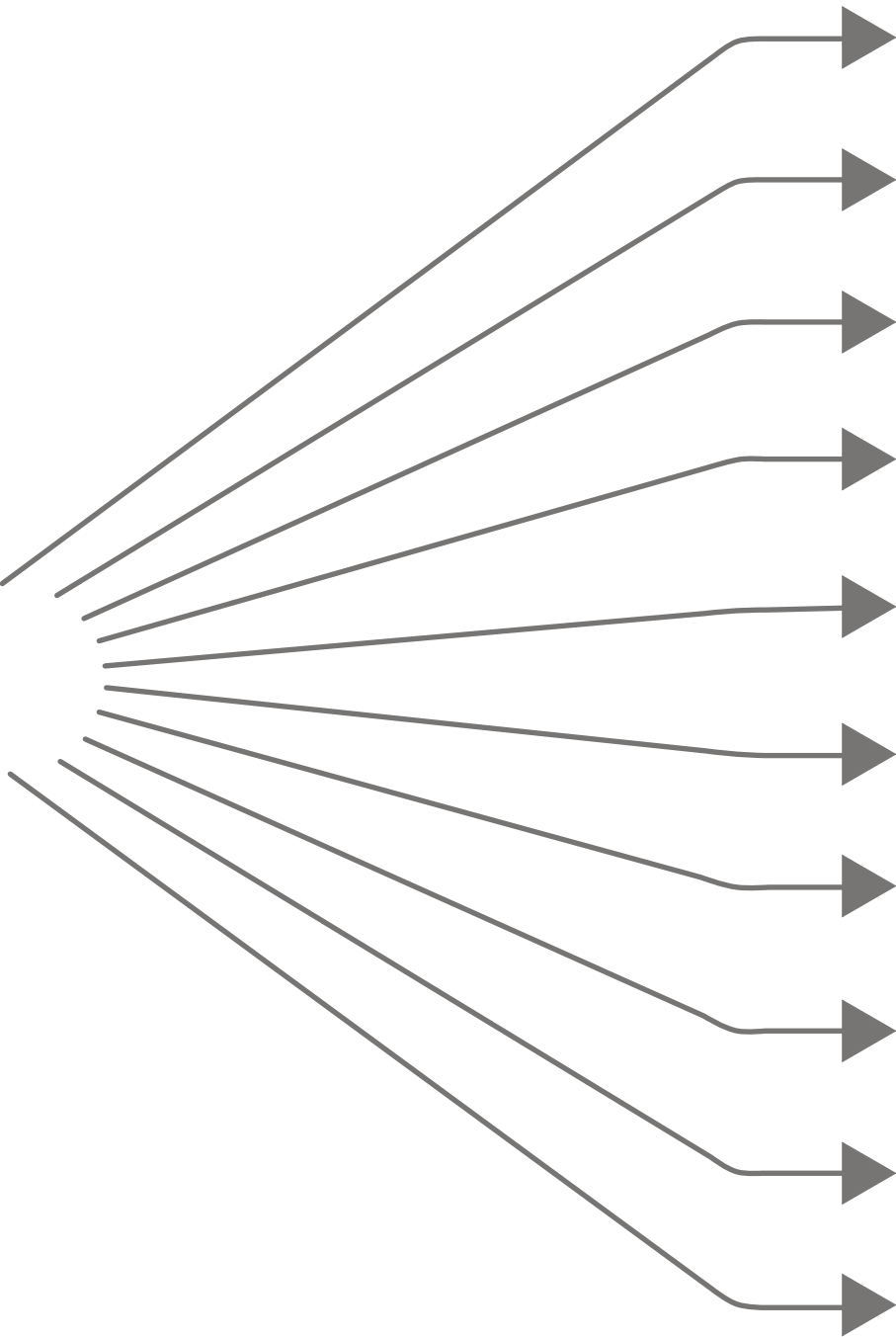
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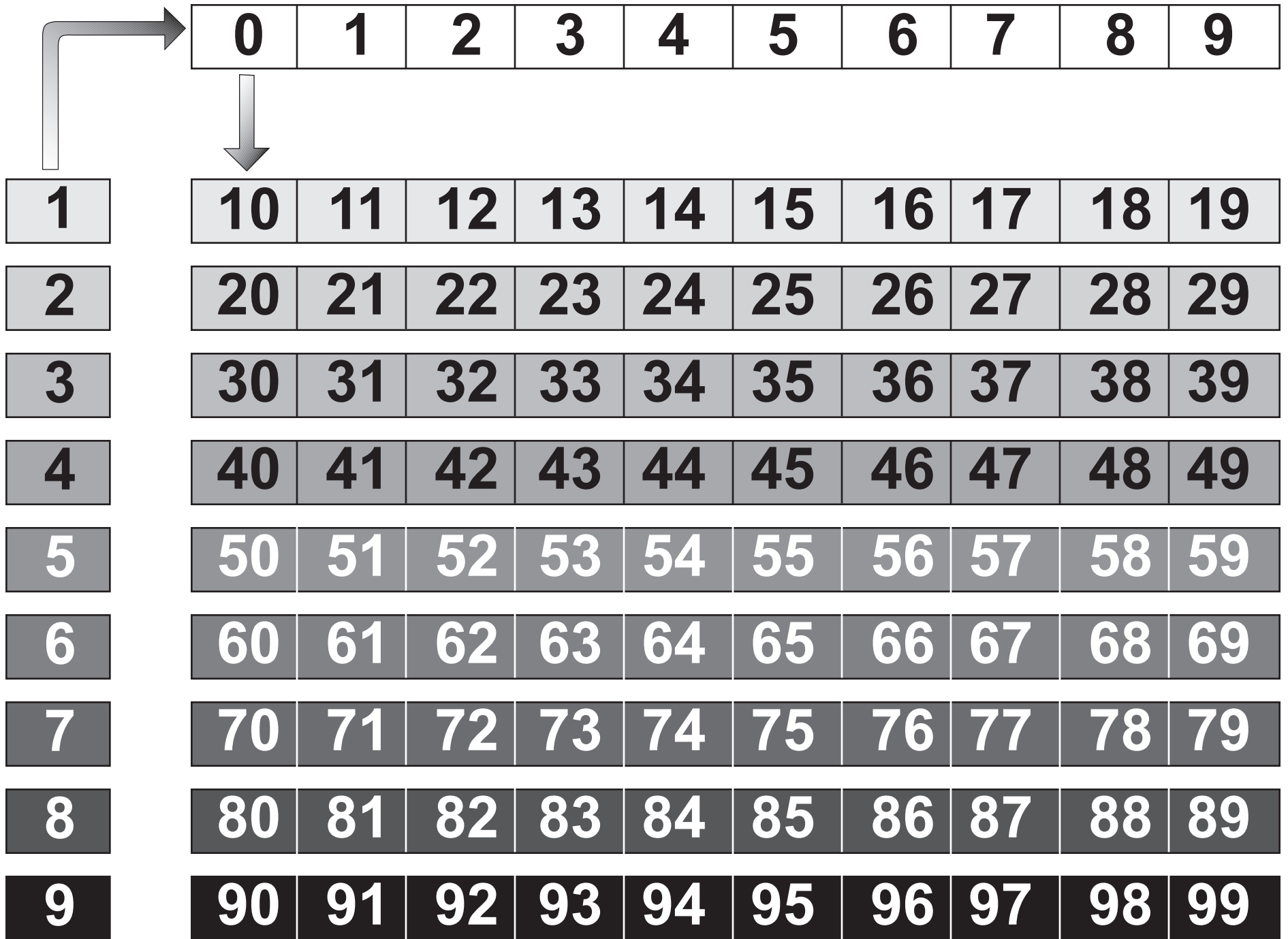
=

2

=

7

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Ejercite

5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 85 - 90 - 95

10								19
20			24					
30	31							
40					46			
50		52						
60							68	
70								79
80			83					
90					95			

10	11				15			
20			23		25		27	
30				34				
40				44	45	46		
50			53		55			58
60					65			68
		72		74	75			79
80		82				86		
90		92			95	96		

Ejercite

10 - 20 - 30 - 40 - 50 - 60 - 70 - 80 - 90

Anote los números pares

10	11	12	13	14	15	17	19	
	21		23		25		27	29
	31		33		35		37	39
	41		43		45		47	49
	51		53		55		57	59
	61		63		65		67	69
	71		73		75		77	79
	81		83		85		87	89
	91		93		95		97	99

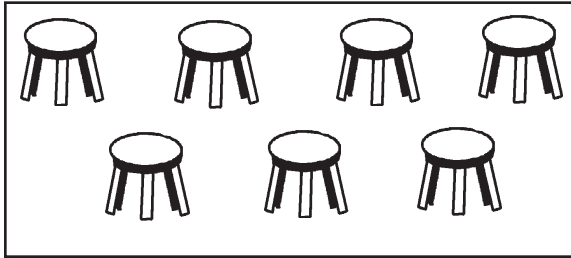
Anote los números impares

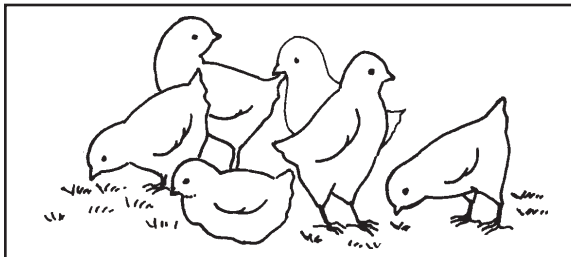
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20		22		24		26	28
30		32		34		36	38
40		42		44		46	48
50		52		54		56	58
60		62		64		66	68
70		72		74		76	78
80		82		84		86	88
90		92		94		96	98

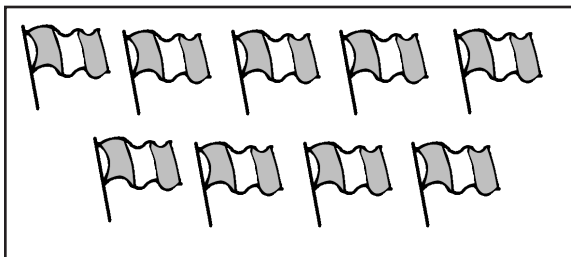
Prueba de Proceso CME-1

Fecha: _____

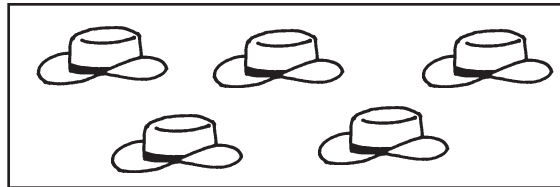
a



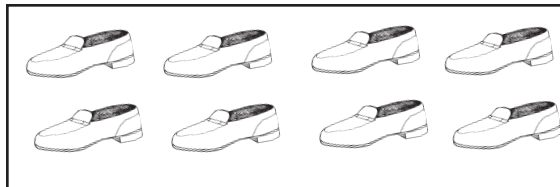




b



4 6 5 9

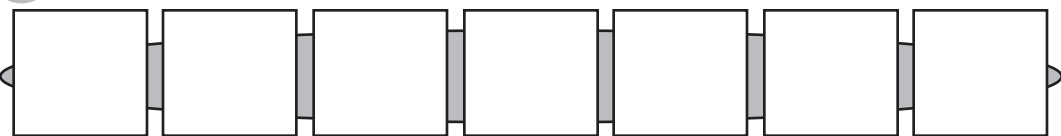


0 8 5 7

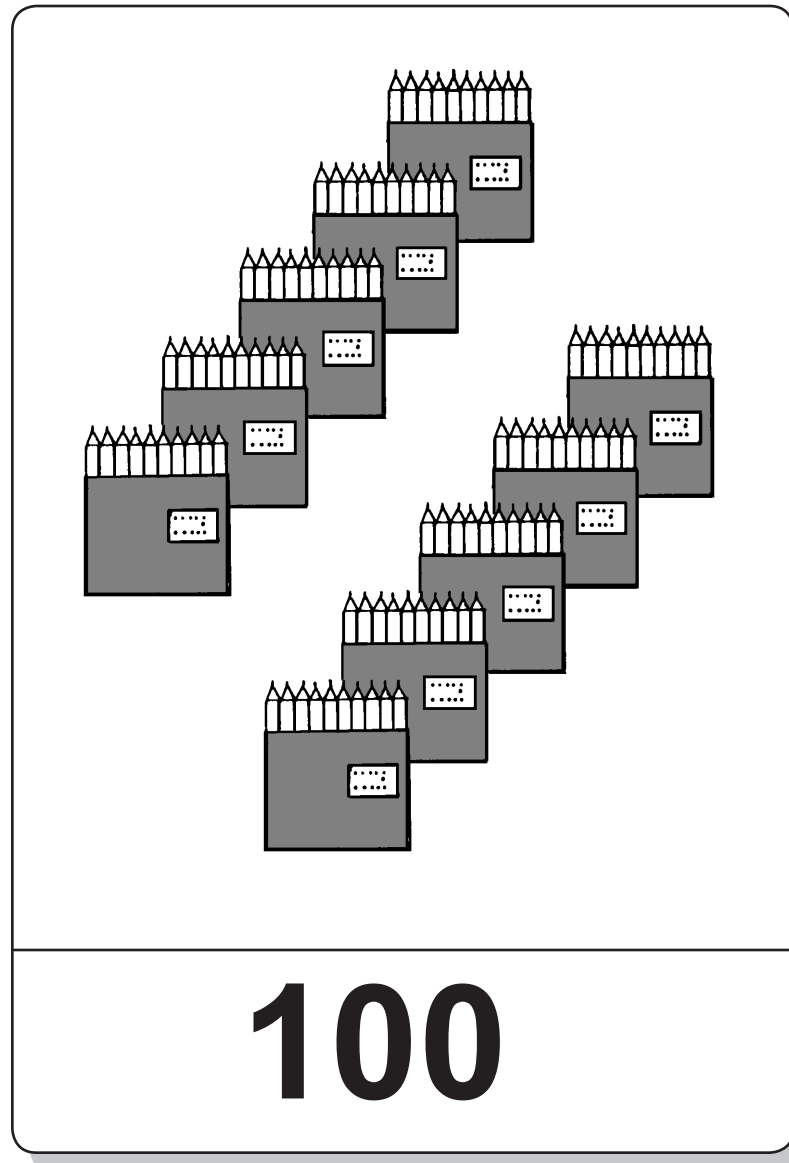
c

10	11			14		16	17		
20			23	24		26		28	
	31		33		35			38	
40		42			45	46			49

d

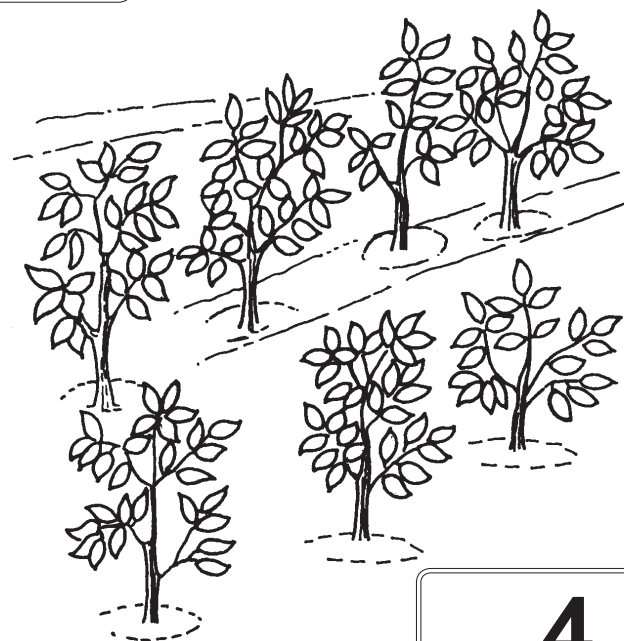


El número 100



Sumar +

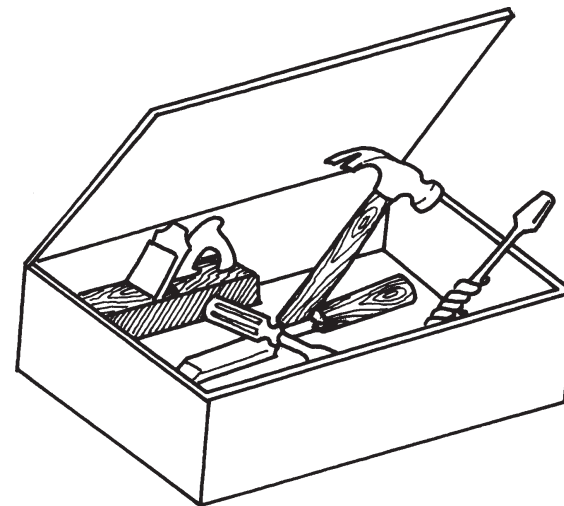
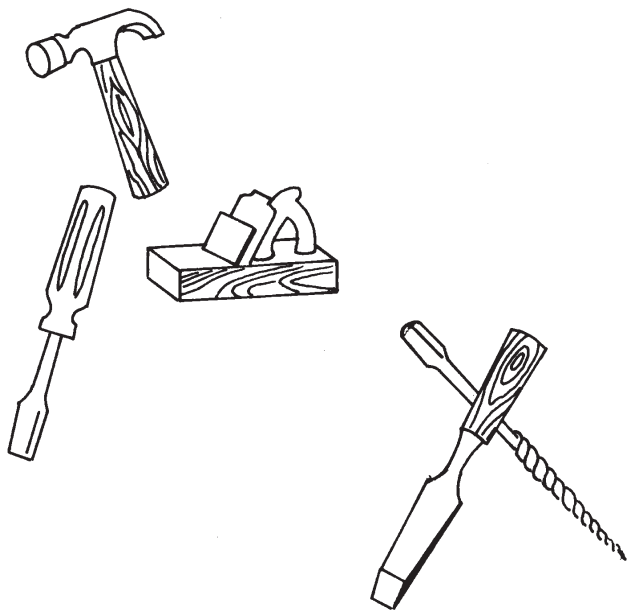
$$4 + 3 = 7$$



$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

Sume

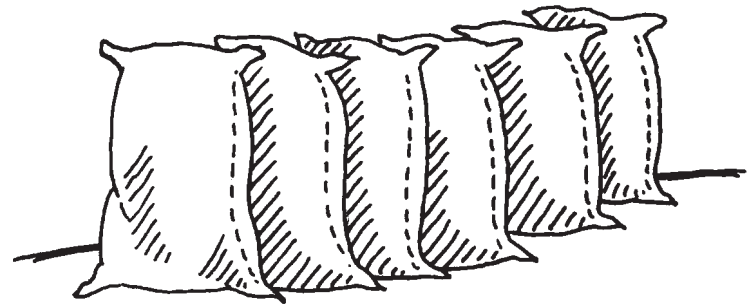
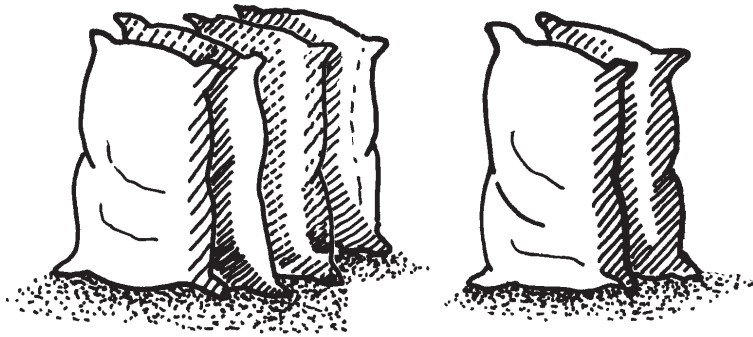
$$3 + 2 = \underline{\quad}$$



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

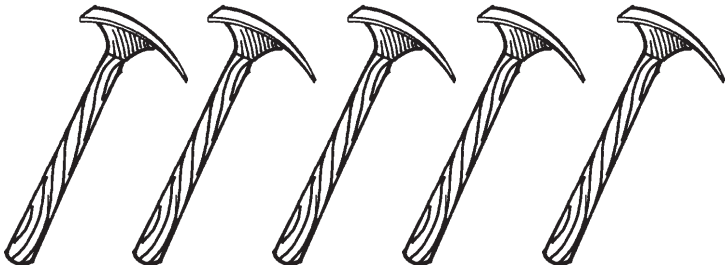
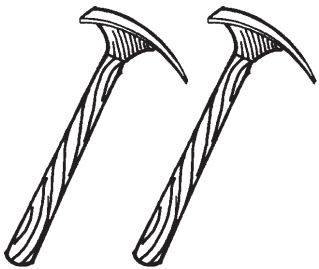
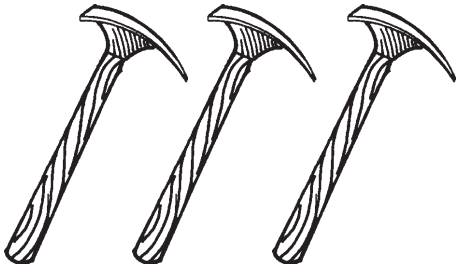
Sume

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

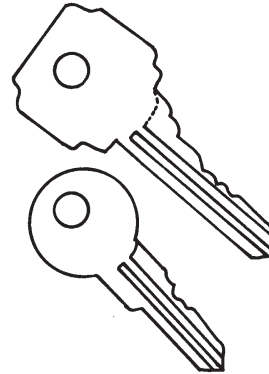
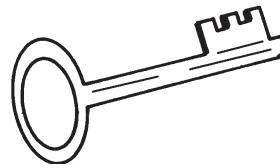


$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

Sume

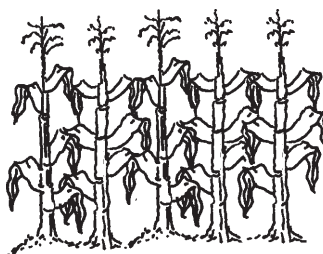
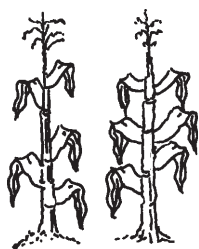
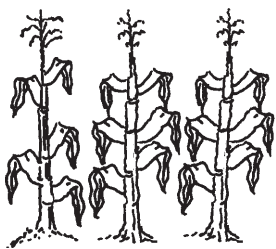


$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$



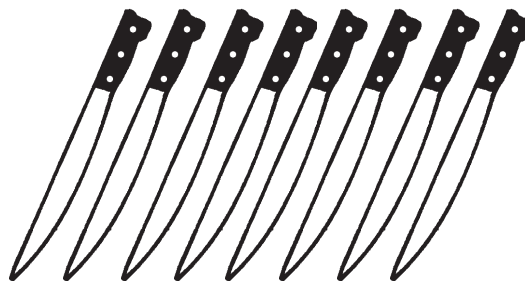
$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

Sume



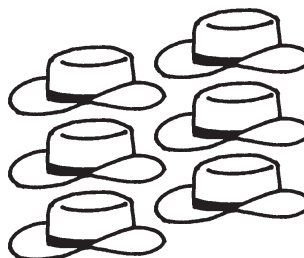
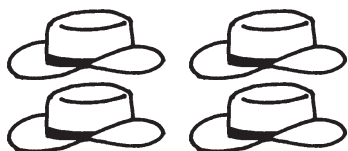
$$3 + 2 = \square$$

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



$$4 + 4 = \square$$

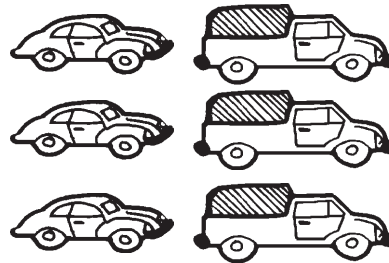
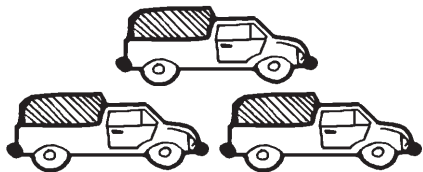
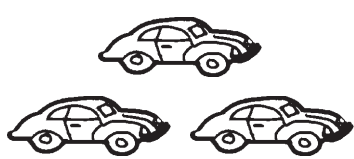
$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$



$$4 + 2 = \square$$

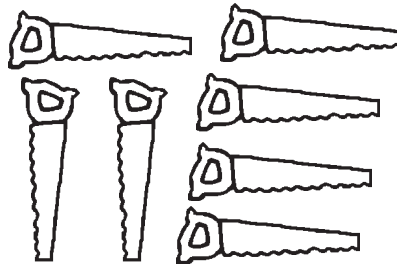
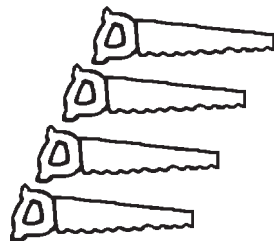
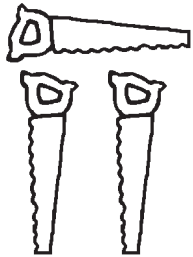
$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

Sume



$$3 + 3 = \square$$

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



$$3 + 4 = \square$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$



$$4 + 1 = \square$$

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

Sume

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

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

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

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

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

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

Sume

$$\begin{array}{r} 7 \\ 2 \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 2 \\ + 5 \\ \hline \end{array}$$

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

Sume

$$\begin{array}{r} 32 \\ + 35 \\ \hline 67 \end{array}$$

$$\begin{array}{r} 40 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 35 \\ \hline \end{array}$$

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

$$\begin{array}{r} 15 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 23 \\ \hline \end{array}$$

Sumas llevando

$$\begin{array}{r} \textcircled{1} \\ 17 \\ + 13 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 28 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 22 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ 35 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ 27 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ 28 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ 17 \\ + 42 \\ \hline \end{array}$$

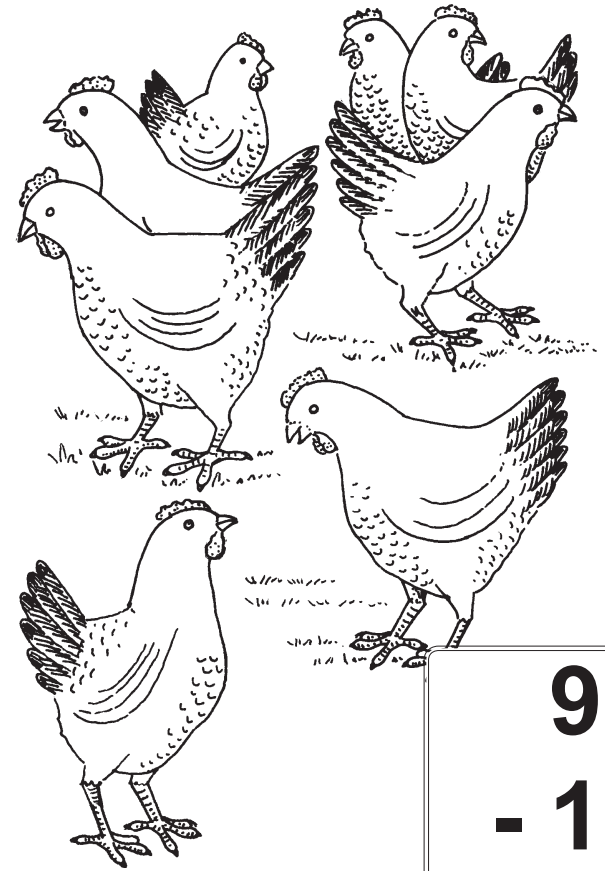
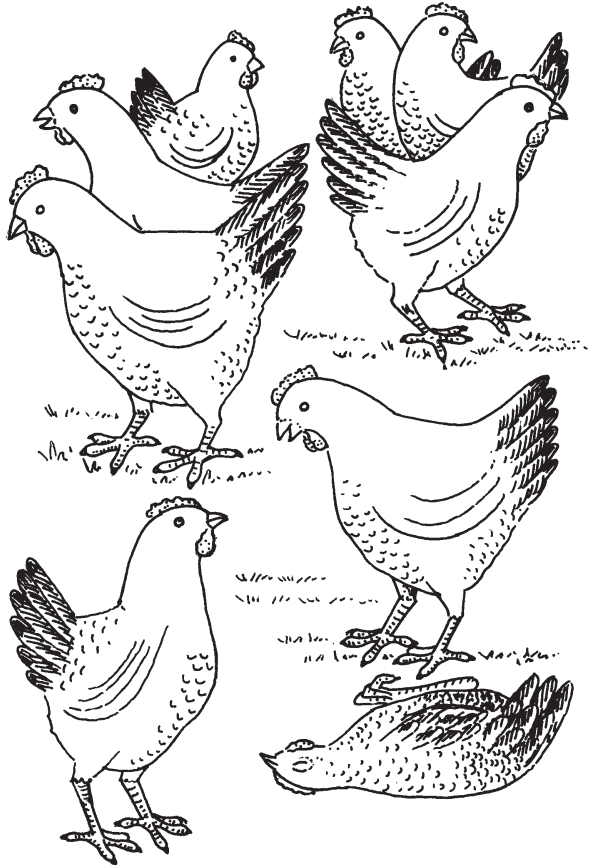
$$\begin{array}{r} 34 \\ 33 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ 15 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ 26 \\ + 32 \\ \hline \end{array}$$

Restar

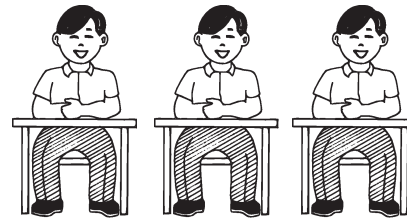
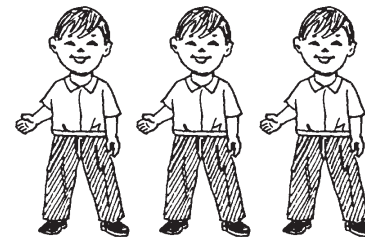
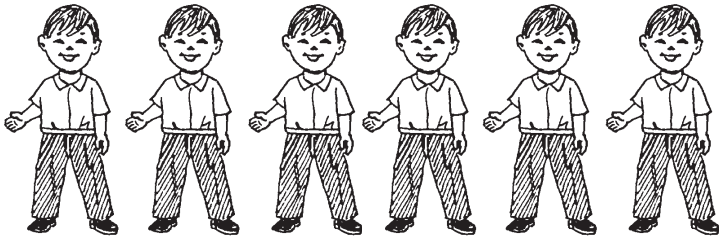
$$9 - 1 = 8$$



$$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$$

Restar

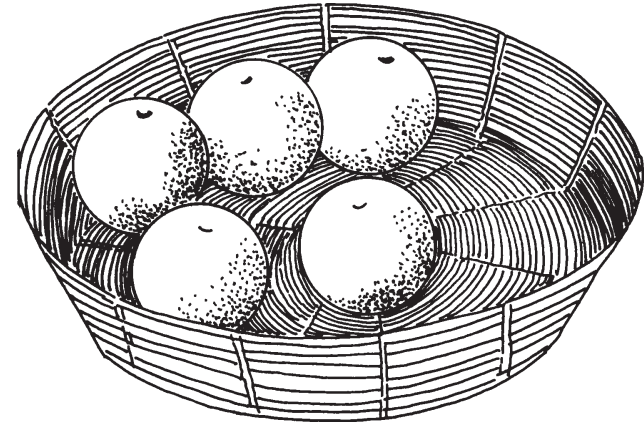
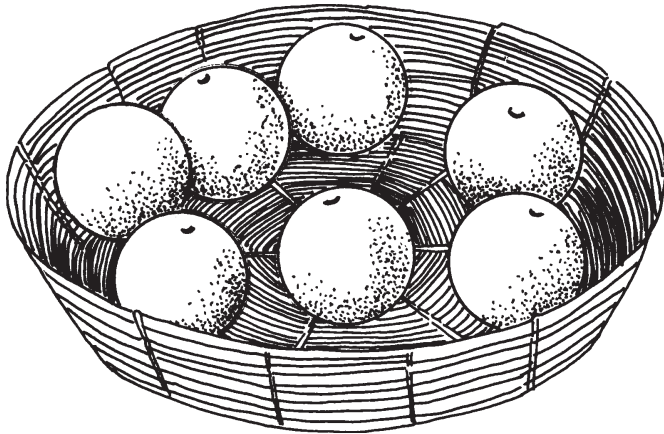
$$6 - 3 = \underline{\quad}$$



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

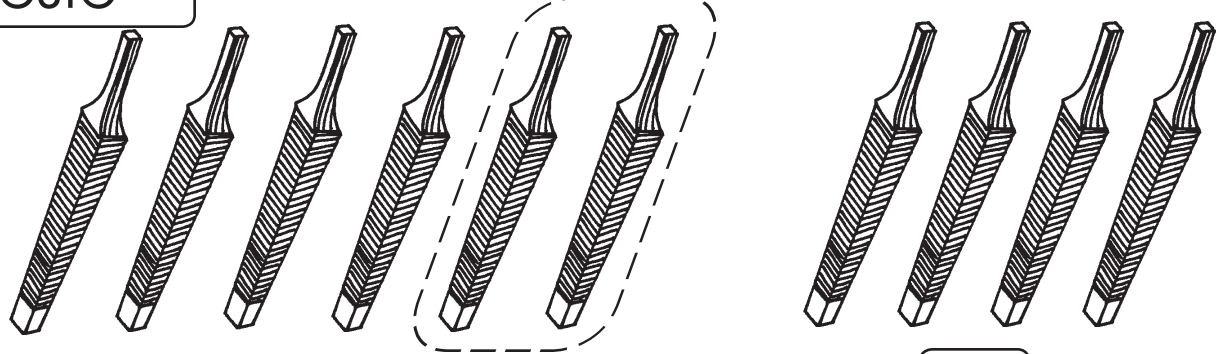
Reste

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



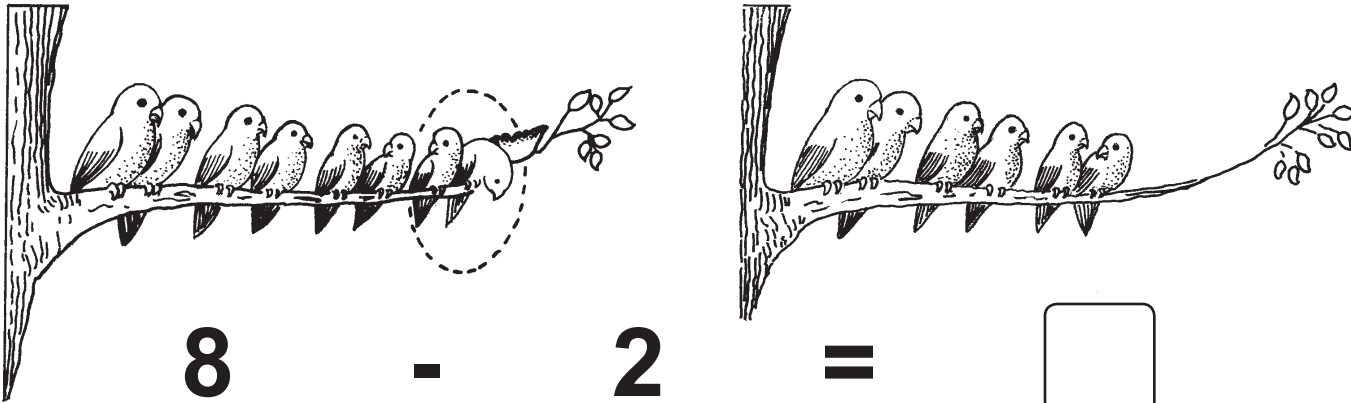
$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

Reste



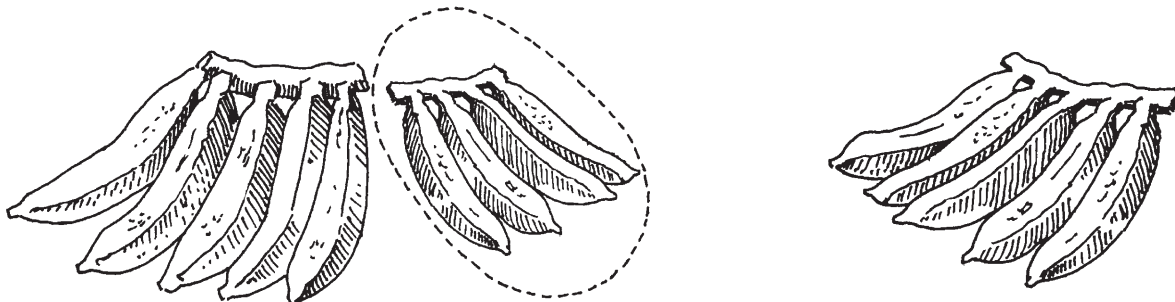
$$6 - 2 = \square$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$



$$8 - 2 = \square$$

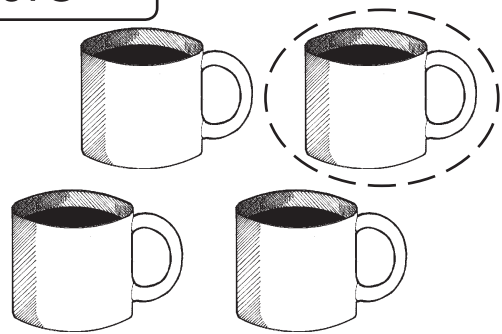
$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$



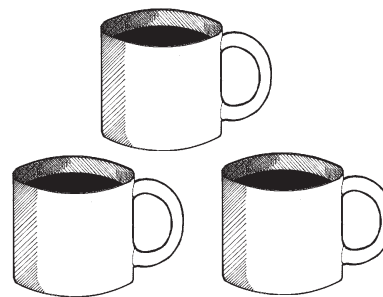
$$9 - 4 = \square$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

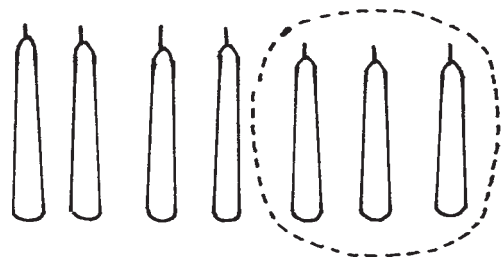
Reste



$$4 - 1 = \square$$



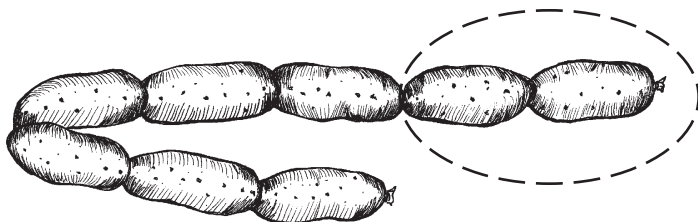
$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$



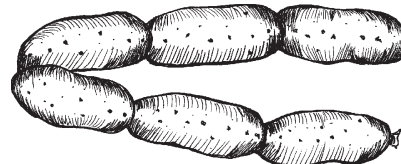
$$7 - 3 = \square$$



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

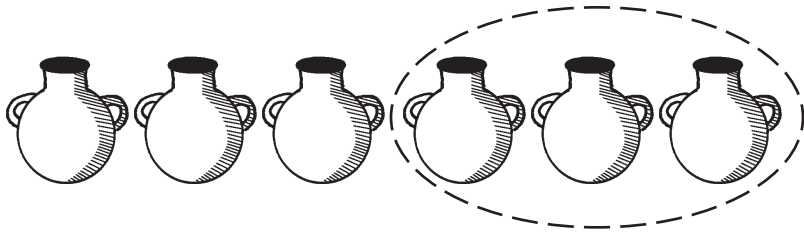


$$8 - 2 = \square$$



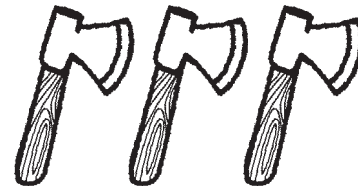
$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

Reste



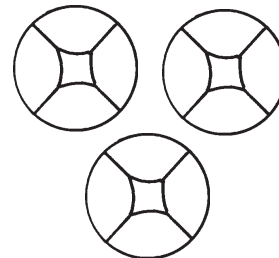
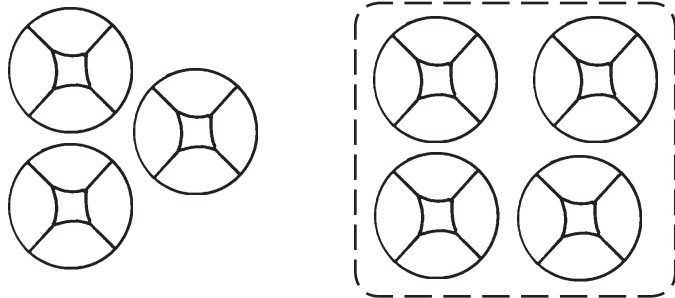
$$6 - 3 = \square$$

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



$$5 - 2 = \square$$

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



$$7 - 4 = \square$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

Reste

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

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

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

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

Reste

$$\begin{array}{r} 35 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 23 \\ \hline \end{array}$$

Restas Prestando


$$\begin{array}{r} 23 \\ - 15 \\ \hline 08 \end{array}$$

$$\begin{array}{r} 45 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 59 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 54 \\ \hline \end{array}$$

Reste

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

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 28 \\ - 13 \\ \hline \end{array}$$

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

$$\begin{array}{r} 36 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ - 27 \\ \hline \end{array}$$

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

$$\begin{array}{r} 93 \\ - 85 \\ \hline \end{array}$$

Prueba de Proceso CME-2

Fecha: _____

(a)

Dos.....

Setenta y seis

Cuarenta y uno....

Sesenta y siete

(b)

60

7

72

46

(d)

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

$\begin{array}{r} 15 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ + 32 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ 8 \\ + 4 \\ \hline \end{array}$
--	---	--

$\begin{array}{r} 95 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ + 31 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 69 \\ \hline \end{array}$
---	---	---

(c)

+	= 3 6 5
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-	= 8 4 9
---	---------

-	= 3 5 2
---	---------

+	= 6 8 5
---	---------

Multiplicar x

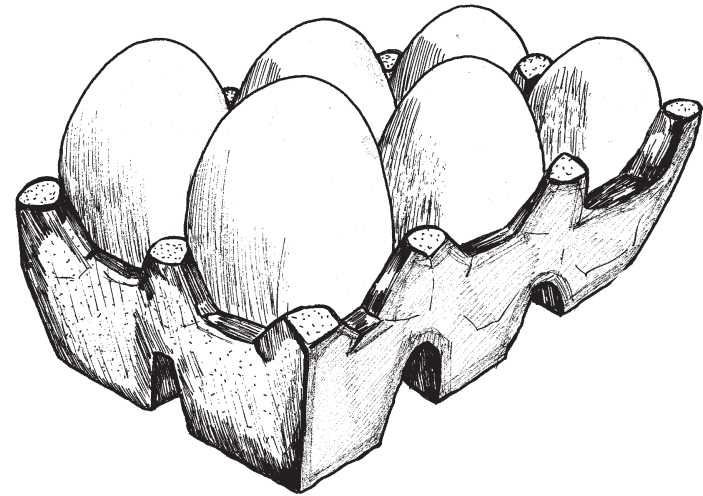
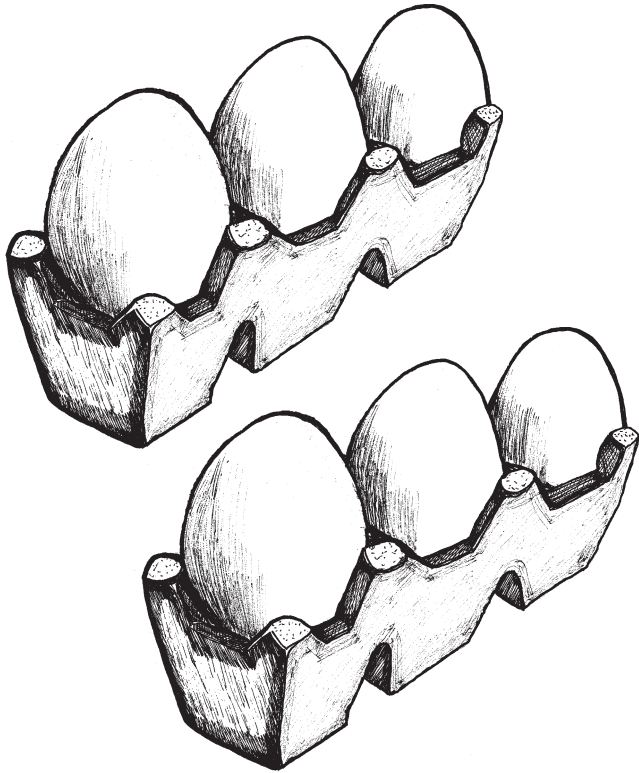
$$3 \times 3 = 9$$



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

Multiplique

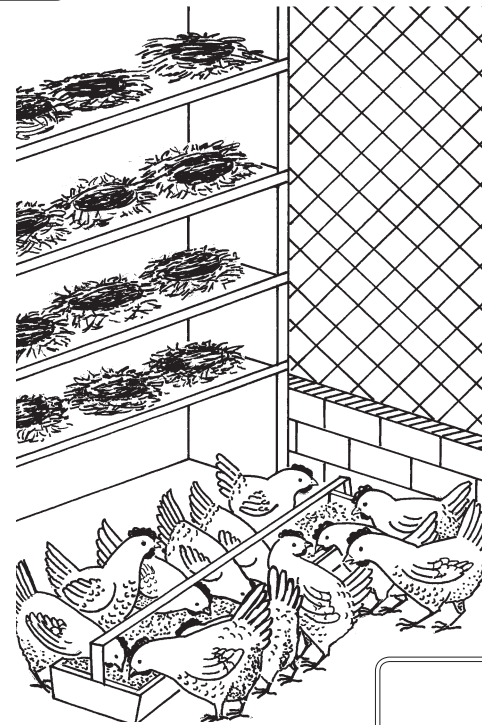
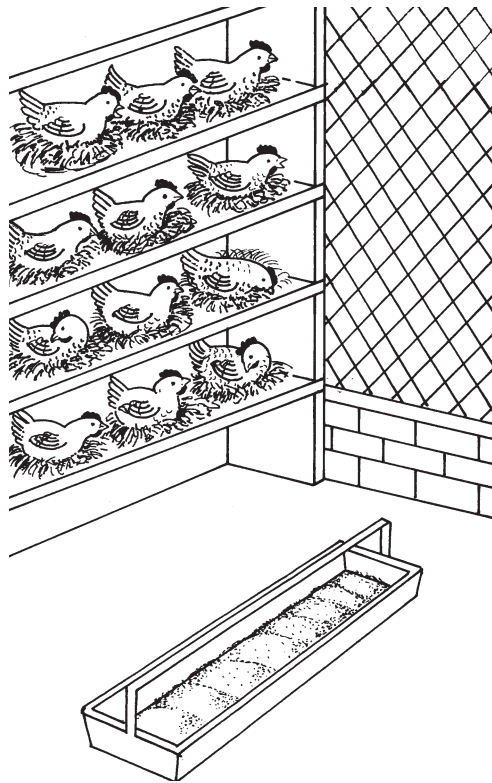
$$2 \times 3 = \underline{\quad}$$



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

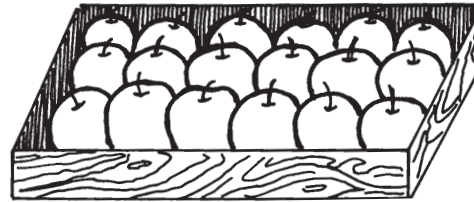
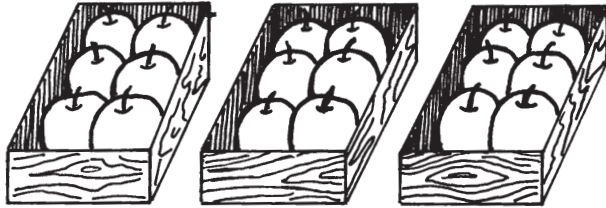
Multiplique

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



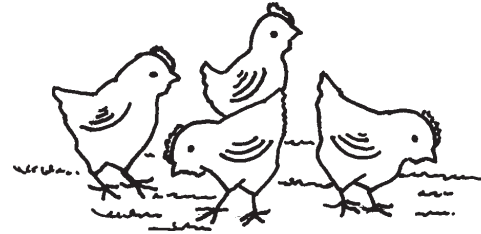
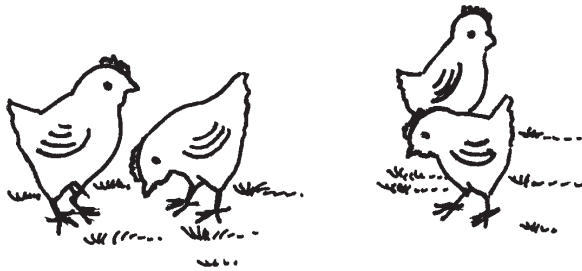
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

Multiplique



$$3 \times 6 = \square$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$



$$2 \times 2 = \square$$

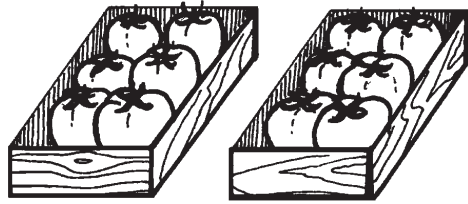
$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$



$$5 \times 4 = \square$$

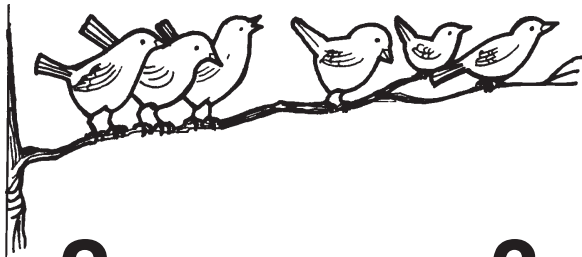
$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

Multiplique



$$2 \times 3 = \square$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$



$$2 \times 3 = \square$$

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



$$3 \times 3 = \square$$

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

Multiplique

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

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

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

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

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

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

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

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

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

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

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

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

Multiplique

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

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

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

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

$$\begin{array}{r} 22 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 11 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

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

Multiplique

$$\begin{array}{r} 1 \\ 49 \\ \times 2 \\ \hline 98 \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 24 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 45 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

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

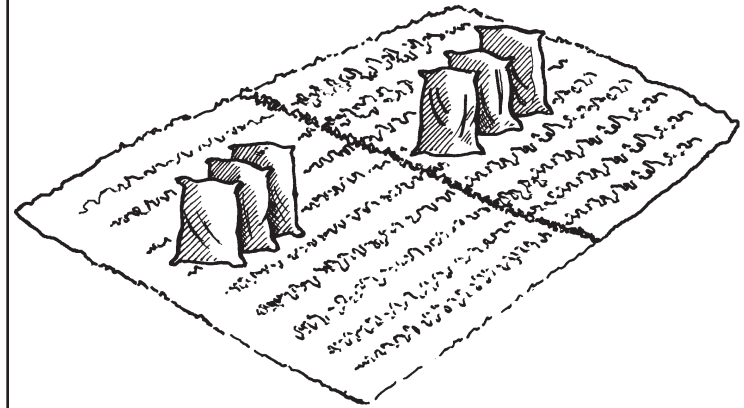
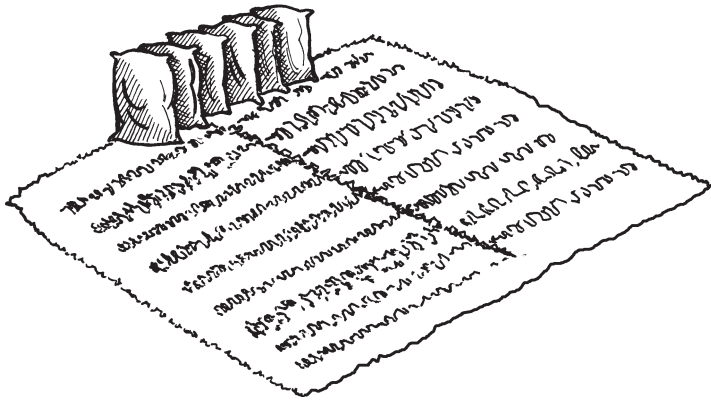
$$\begin{array}{r} 45 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

Dividir ÷

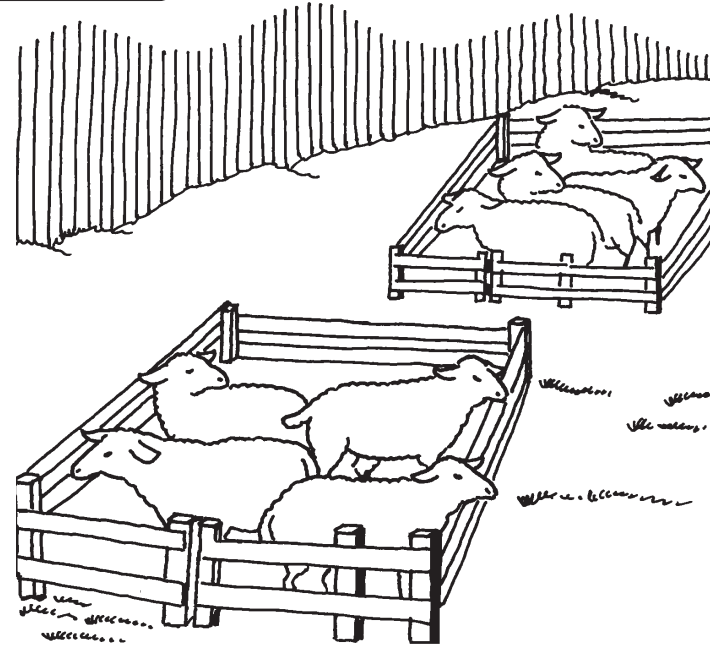
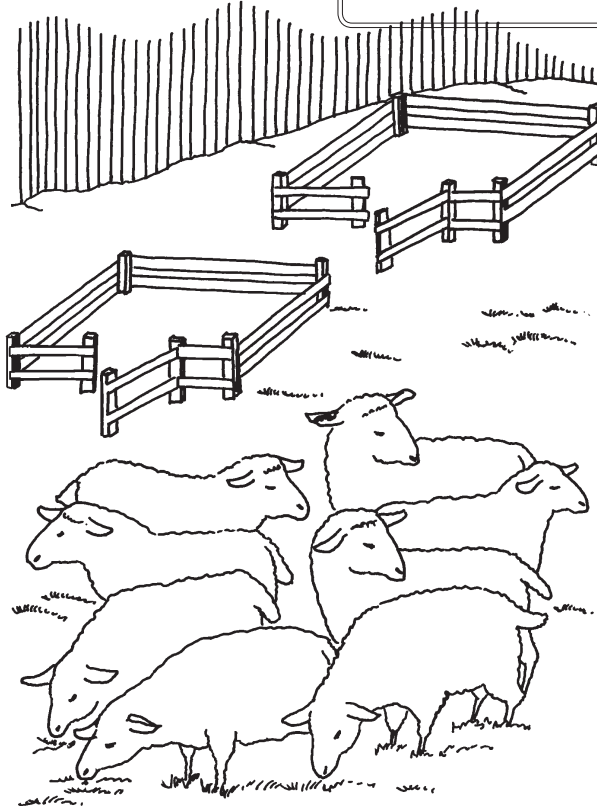
$$6 \div 2 = 3$$



$$\begin{array}{r} 3 \\ 2 \overline{) 6} \\ \underline{6} \\ 0 \end{array}$$

Dividir ÷

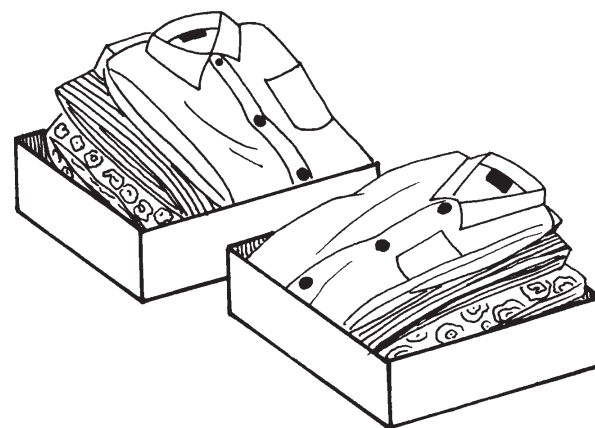
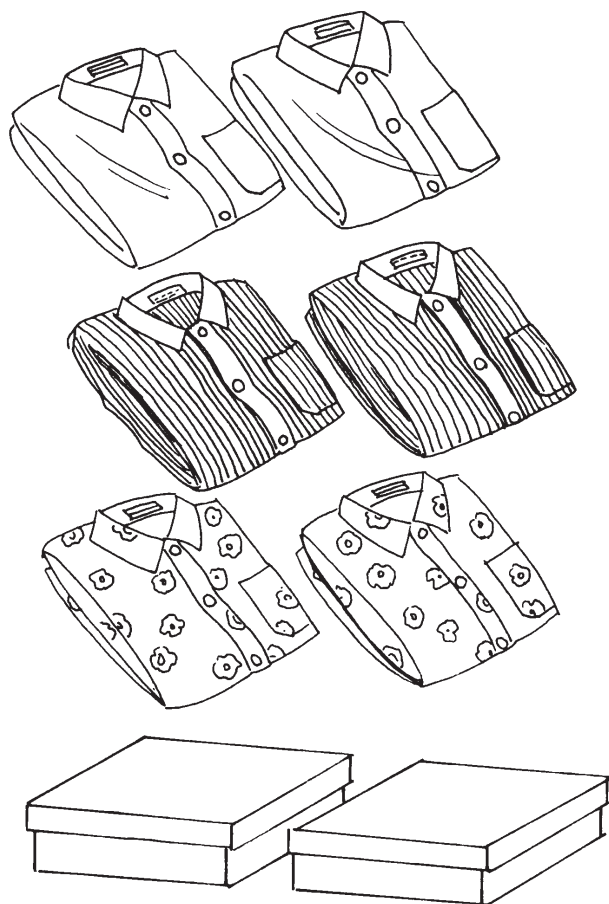
$$8 \div 2 = \underline{\quad}$$



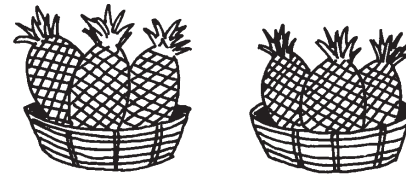
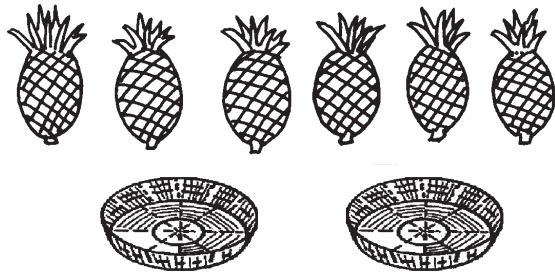
$$\begin{array}{r} 2 \overline{) 8} \\ \underline{\quad} \end{array}$$

Divida

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

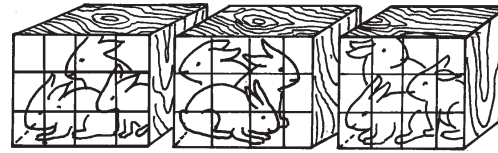
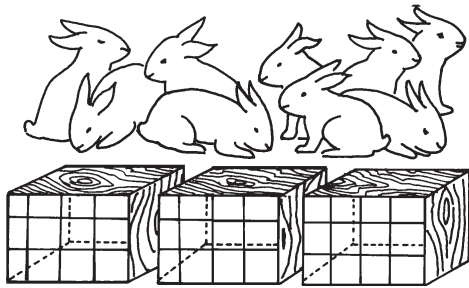


$$2 \overline{)6}$$



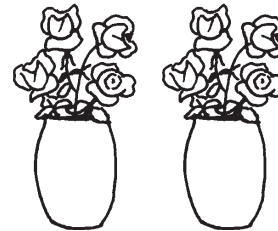
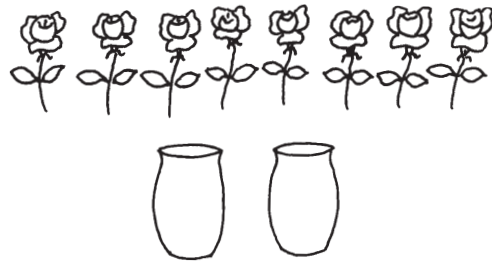
$$6 \div 2 = \square$$

$$\begin{array}{r} 3 \\ 2 \overline{) 6} \\ \underline{6} \\ 0 \end{array}$$



$$9 \div 3 = \square$$

$$\begin{array}{r} 3 \\ 3 \overline{) 9} \end{array}$$



$$8 \div 2 = \square$$

$$\begin{array}{r} 4 \\ 2 \overline{) 8} \end{array}$$

Divida

$$\begin{array}{r} 2 \\ 2 \overline{)4} \\ \underline{4} \\ 0 \end{array}$$

$$2 \overline{)6}$$

$$3 \overline{)6}$$

$$3 \overline{)9}$$

$$2 \overline{)8}$$

$$5 \overline{)5}$$

$$4 \overline{)8}$$

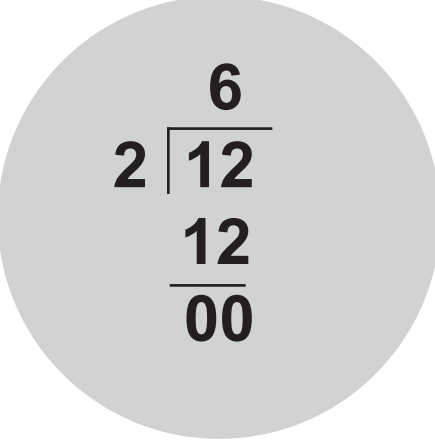
$$1 \overline{)8}$$

$$2 \overline{)4}$$

$$6 \overline{)6}$$

$$2 \overline{)8}$$

$$3 \overline{)9}$$

 $\begin{array}{r} 6 \\ 2 \overline{)12} \\ \underline{12} \\ 00 \end{array}$	$7 \overline{)14}$	$3 \overline{)21}$	$4 \overline{)16}$
$5 \overline{)20}$	$9 \overline{)81}$	$9 \overline{)27}$	$8 \overline{)24}$
$3 \overline{)36}$	$4 \overline{)32}$	$6 \overline{)30}$	$3 \overline{)24}$

Divida

$$\begin{array}{r} 14 \\ 2 \overline{)28} \\ \underline{2} \\ 08 \\ \underline{8} \\ 0 \end{array}$$

$$3 \overline{)69}$$

$$2 \overline{)50}$$

$$5 \overline{)85}$$

$$4 \overline{)96}$$

$$2 \overline{)46}$$

$$5 \overline{)55}$$

$$6 \overline{)66}$$

$$3 \overline{)78}$$

$$7 \overline{)70}$$

$$8 \overline{)96}$$

$$4 \overline{)48}$$

Divida

$$\begin{array}{r} 21 \\ 4 \overline{) 86} \\ \underline{8} \\ 06 \\ \underline{4} \\ 2 \end{array}$$

$$3 \overline{) 68}$$

$$8 \overline{) 99}$$

$$6 \overline{) 70}$$

$$4 \overline{) 45}$$

$$3 \overline{) 53}$$

$$9 \overline{) 83}$$

$$2 \overline{) 39}$$

$$5 \overline{) 91}$$

$$2 \overline{) 27}$$

$$7 \overline{) 93}$$

$$5 \overline{) 72}$$

Ejercite la suma

$$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$$

9

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

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

$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 24 \\ \hline \end{array}$$

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

$$\begin{array}{r} 32 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ 37 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 34 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 34 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ 14 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ 25 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 25 \\ + 50 \\ \hline \end{array}$$

Ejercite la resta

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

3

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 78 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 72 \\ \hline \end{array}$$

Ejercite la multiplicación

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

6

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

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

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

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

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

$$\begin{array}{r} 11 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 34 \\ \times 2 \\ \hline \end{array}$$

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

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

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

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

$$\begin{array}{r} 13 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 4 \\ \hline \end{array}$$

Ejercite la división

$$\begin{array}{r} 4 \\ 2 \overline{) 8} \\ \underline{8} \\ 0 \end{array}$$

$$1 \overline{) 4}$$

$$7 \overline{) 7}$$

$$2 \overline{) 6}$$

$$4 \overline{) 8}$$

$$3 \overline{) 9}$$

$$3 \overline{) 12}$$

$$4 \overline{) 16}$$

$$3 \overline{) 21}$$

$$8 \overline{) 40}$$

$$6 \overline{) 18}$$

$$5 \overline{) 20}$$

$$5 \overline{) 70}$$

$$4 \overline{) 84}$$

$$3 \overline{) 96}$$

$$4 \overline{) 95}$$

$$2 \overline{) 27}$$

$$7 \overline{) 85}$$

PROBLEMAS DE SUMA

01. Para reforestar el área verde de la escuela, los niños de doña María llevaron el día lunes 10 arbolitos, el martes 22 y el miércoles 15. ¿Cuántos arbolitos llevaron los niños a la escuela en total?

$$\begin{array}{r} 10 \\ 22 \\ + 15 \\ \hline 47 \end{array}$$

R/ Los niños llevaron 47 arbolitos a la escuela.

02. Mercedes vende frutas, a Pedro le vendió 5 mangos, a Jonás le vendió 3 piñas, a Luisa 6 naranjas. ¿Cuántas frutas vendió en total?

R/ _____

03. Odilia vende verduras, a Hugo le vendió 30 repollos, a Reyna 18 apios, a Jesús 9 puerros. ¿Cuántas verduras vendió en total?

R/ _____

04. Evelia utiliza para hacer tortillas: 35 libras de maíz el lunes, 46 el martes y 18 el miércoles. ¿Cuántas libras de maíz utiliza Evelia en total?

R/ _____

PROBLEMAS DE RESTA

01. Antonio compró 30 pantalones y vendió 8. ¿Cuántos pantalones le quedan por vender?

$$\begin{array}{r} 30 \\ - 8 \\ \hline 22 \end{array}$$

R/ Le quedan por vender 22 pantalones.

02. Romelia tenía 25 pollos y vendió 6. ¿Cuántos le quedaron?

R/ _____

03. Pedró cosechó 58 quintales de maíz, guardó para su gasto 22 y vendió el resto. ¿Cuántos quintales de maíz vendió?

R/ _____

04. Julio tenía 30 lápices y le dio a sus participantes 18. ¿Cuántos lápices le quedan?

R/ _____

PROBLEMAS DE MULTIPLICACIÓN

01. Fidel y sus dos hijos cortan 4 toneladas de caña al día. ¿Cuántas toneladas de caña cortarán en 30 días?

$$\begin{array}{r} 30 \\ \times 4 \\ \hline 120 \end{array}$$

R/ Fidel y sus dos hijos cortarán 120 toneladas de caña

02. Etelvina come 3 tortillas en cada tiempo de comida. ¿Cuántas tortillas come en 6 tiempos de comida?

R/ _____

03. En una red caben 4 ayotes. ¿Cuántos ayotes caben en 12 redes?

R/ _____

04. Esteban come 5 galletas al día. ¿Cuántas galletas se comerá en 27 días?

R/ _____

PROBLEMAS DE DIVISIÓN

01. Juan, Carlos y Julio tienen 60 racimos de banano y se los reparten en partes iguales. ¿Cuántos racimos le toca a cada uno?

$$\begin{array}{r} 20 \\ 3 \overline{)60} \\ \underline{6} \\ 00 \end{array}$$

R/ A cada uno le toca 20 racimos de banano.

02. Mariela tiene 60 flores y tiene 5 floreros ¿Cuántas flores meterá en cada florero?

R/ _____

03. Mario compró 96 cuerdas de terreno si se las reparte a sus 3 hijos ¿Cuántas cuerdas de terreno le toca a cada uno?

R/ _____

04. Ofelia tiene 120 pollos y 4 jaulas para repartirlos. ¿Cuántos pollos meterá en cada jaula?

R/ _____

Prueba de Proceso CME-3

Fecha: _____

a)

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ \times 5 \\ \hline \end{array} \quad 4 \overline{)24}$$

$$7 \overline{)21} \quad 6 \overline{)48} \quad 3 \overline{)15}$$

b)

- Hace varios meses, un peine costaba 60 centavos, pero hoy cuesta 90. ¿Cuántos centavos ha subido?

Respuesta: _____

- 5 hombres cosecharon 30 quintales de maíz y se los repartieron en partes iguales ¿Cuántos quintales de maíz le tocó a cada uno?

Respuesta: _____

- María vendió en el mercado 3 gallinas a 25 quetzales cada una. ¿Cuánto dinero reunió?

Respuesta: _____

Gracias a Dios aprendí el cálculo matemático que tanta falta me hacía.
Para mí, aclaró; amaneció.
Puedo continuar con la siguiente etapa.

“Que todos se levanten, que se llame a todos, que no haya un grupo, ni dos grupos de entre nosotros que se quede atrás de los demás”.

Popol Vuh

“Nadie es analfabeto, inculto, iletrado por elección personal, sino por imposición de los demás hombres”.

Paulo Freire

Créditos

CARTILLA DE CÁLCULO MATEMÁTICO ELEMENTAL ¡QUE ACLARE! ¡QUE AMANEZCA!

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Guatemala, marzo de 2008