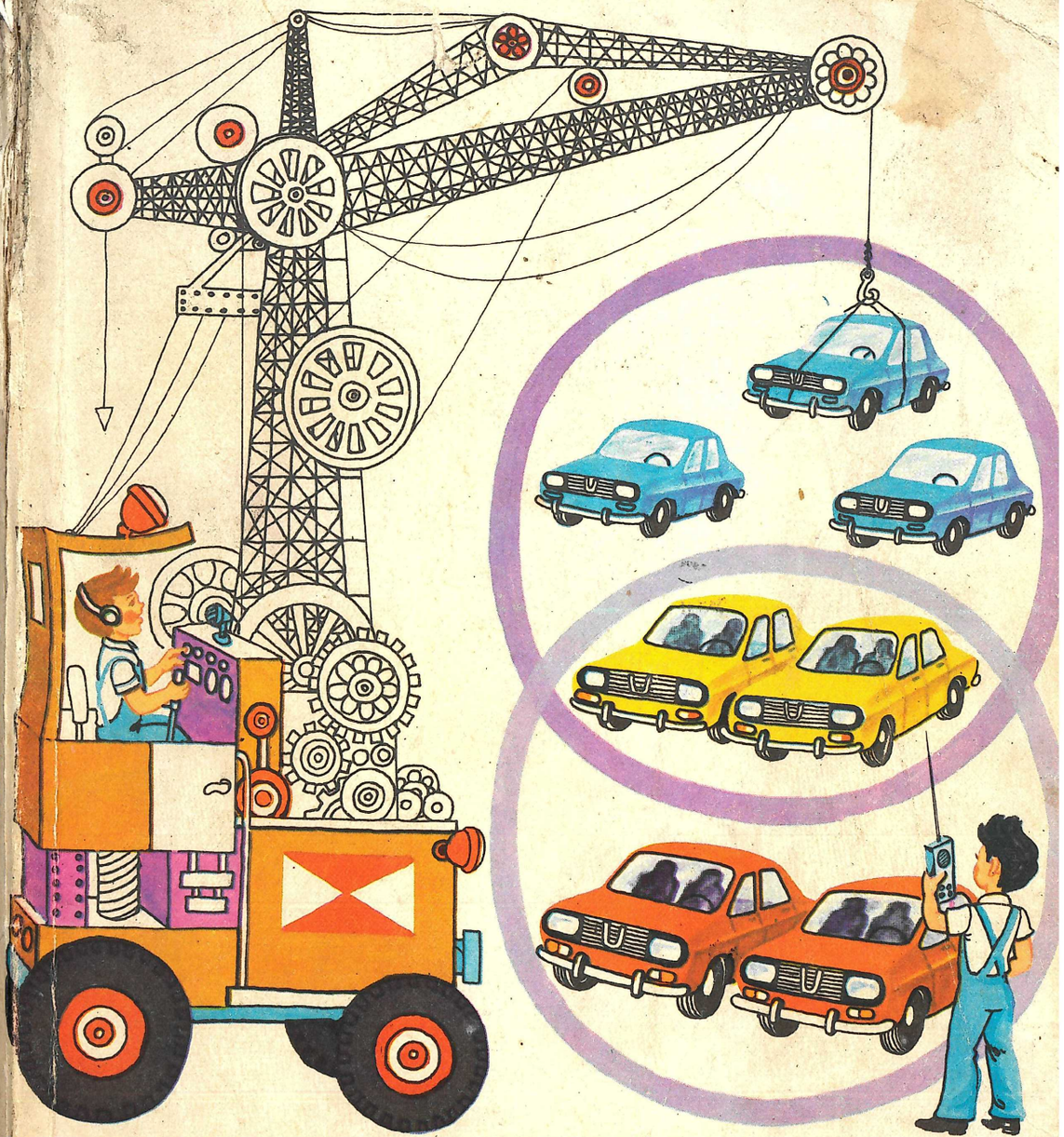


Editura didactică și pedagogică, București — 1980

Lei 8,35

Matematica ◆ Manual pentru clasa I



GH. HERESCU V. MOTRESCU V. ȘTEFĂNESCU

Matematică

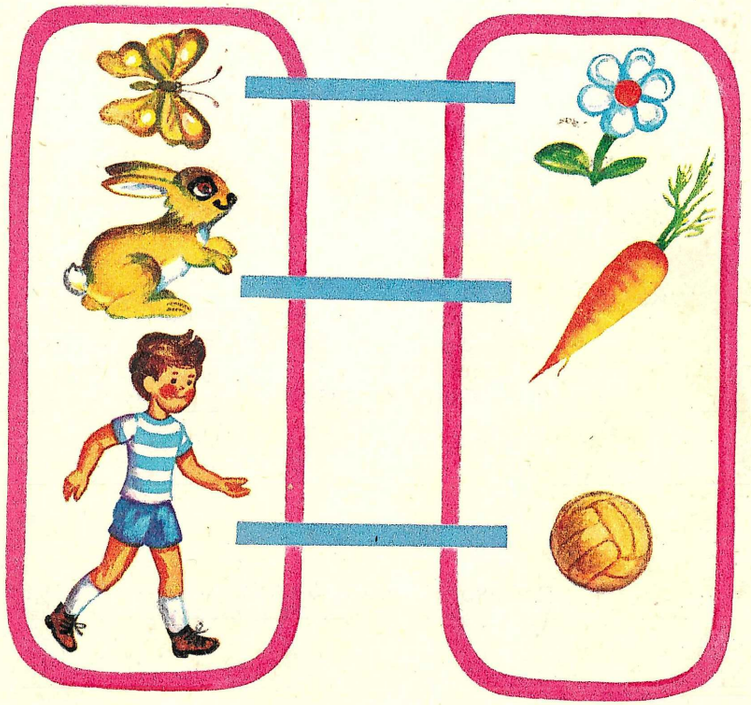
Manual pentru clasa I

GH. HERESCU V. MOTRESCU V. ȘTEFĂNESCU

D. ȘMALENIC
Coperta și ilustrațiile

Matematică

Manual pentru clasa I



Editura didactică și pedagogică, București

Manualul a fost elaborat pe baza programei școlare aprobate de Ministerul Educației și Învățământului cu nr. 36618/1978.

La realizarea manualului s-a ținut seamă și de observațiile sau propunerile cadrelor didactice din județele *Arad*, *Buzău* și *Neamț* care l-au analizat sub formă de proiect.

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prof. **Ion Mitrache**
prof. **Dumitru Roșca**

Redactor: **Tudora Gavrilă**
Tehnoredactor: **Ion Teodorescu**

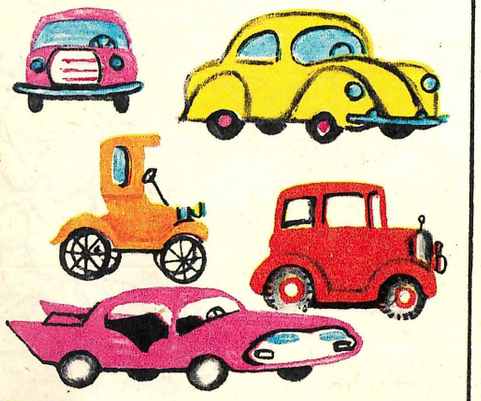
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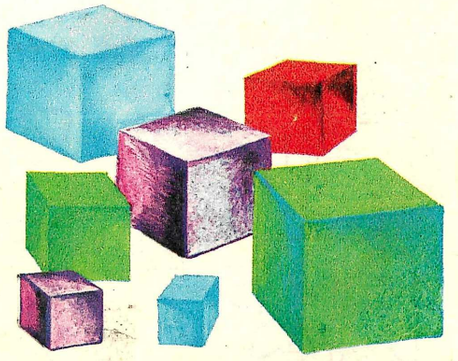
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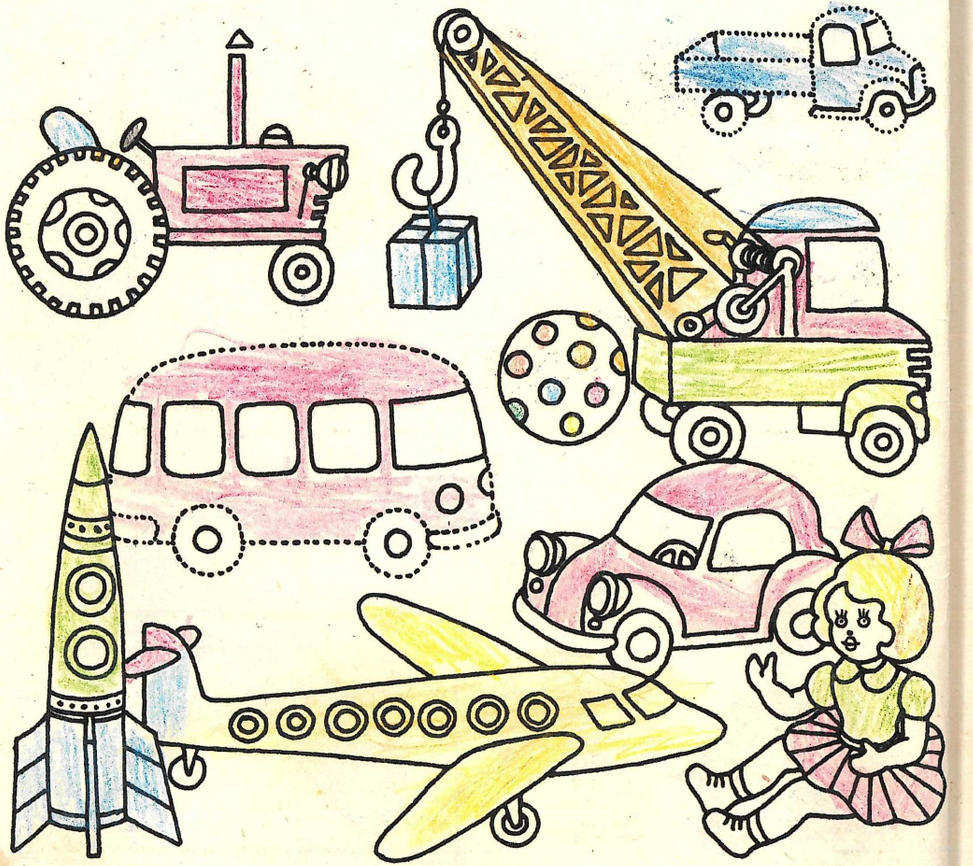




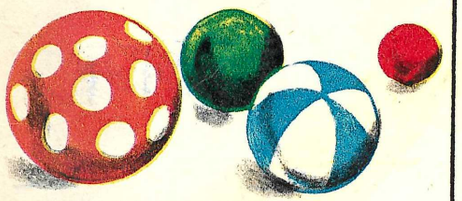




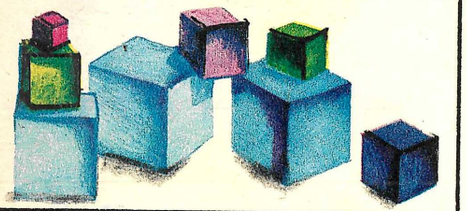


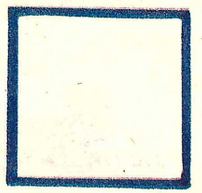


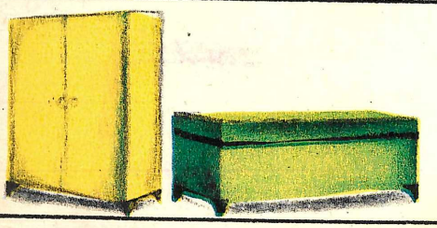


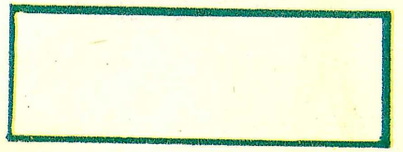


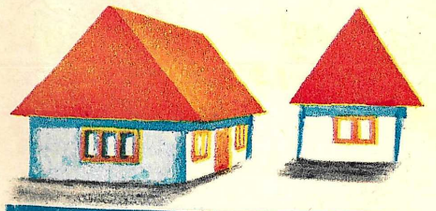


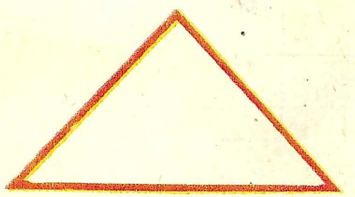


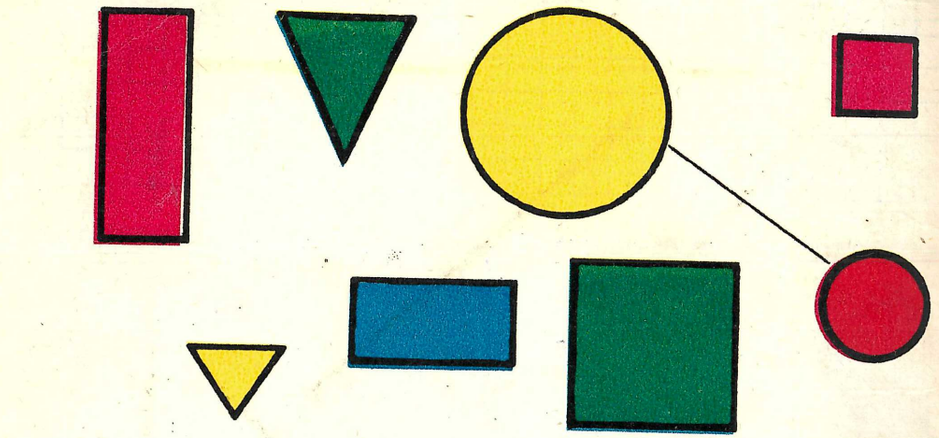


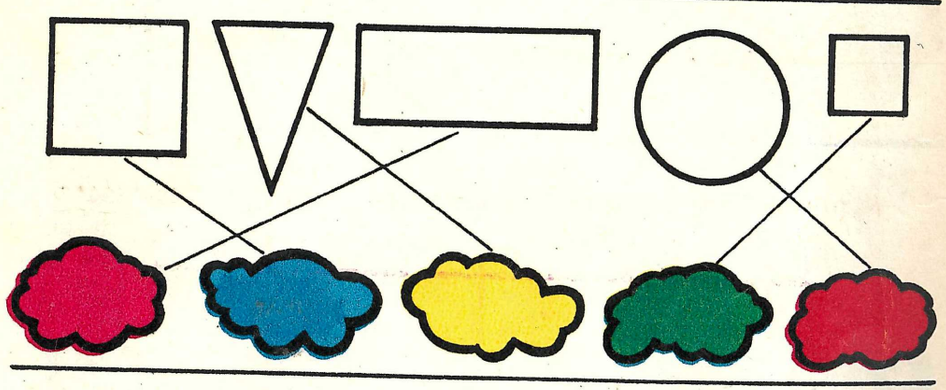


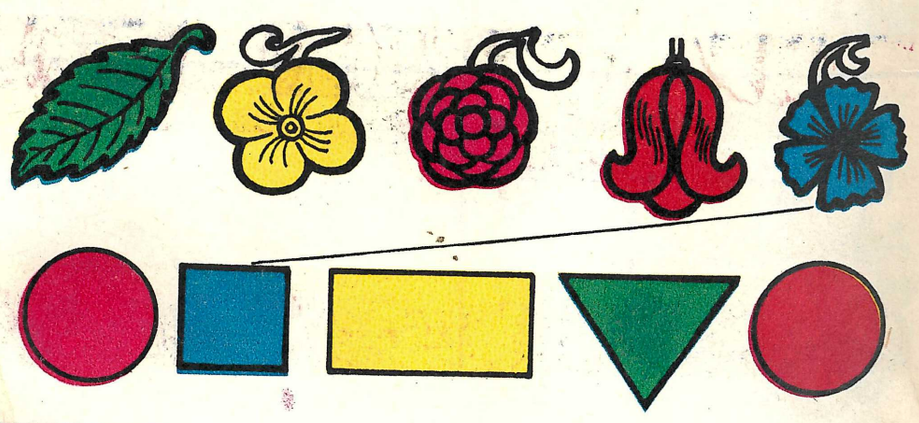


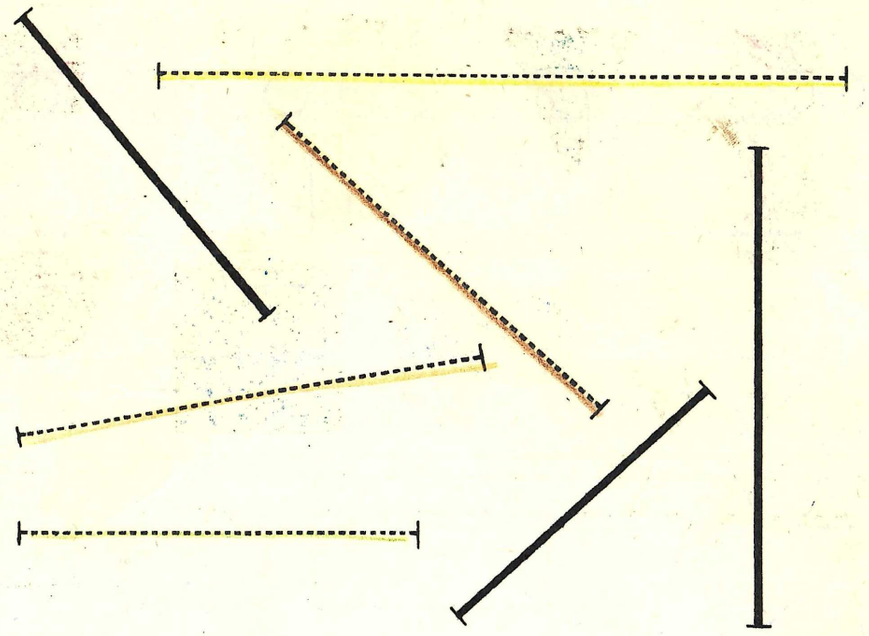


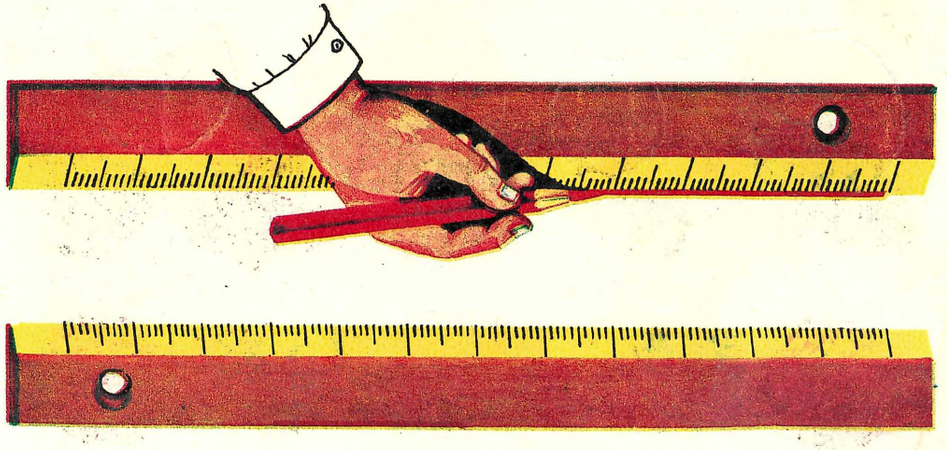


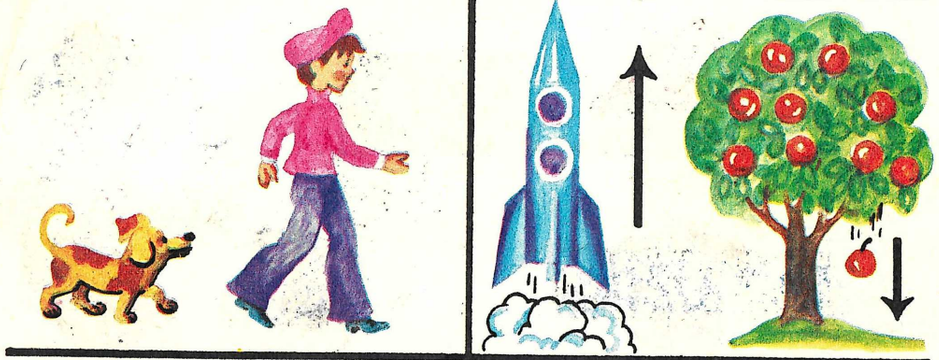




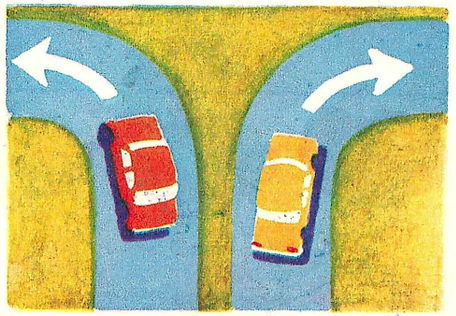




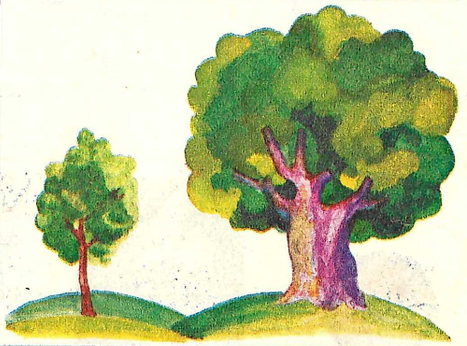


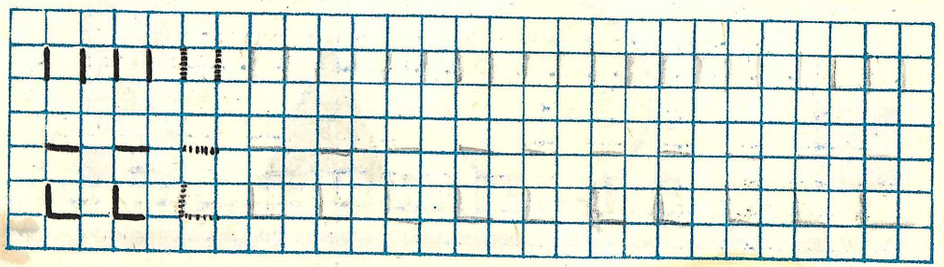


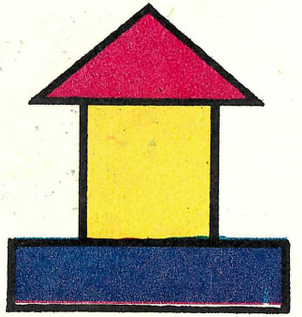




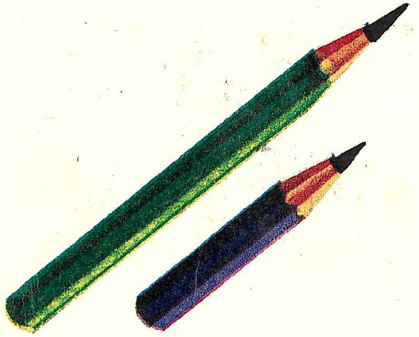


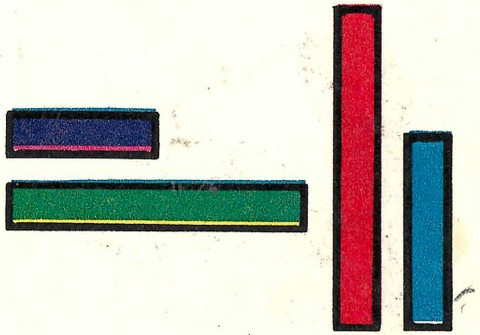




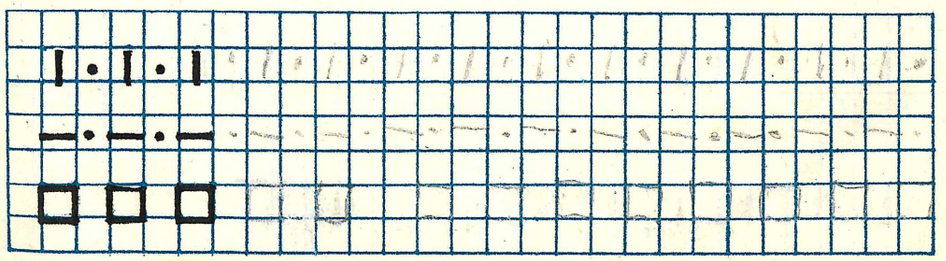


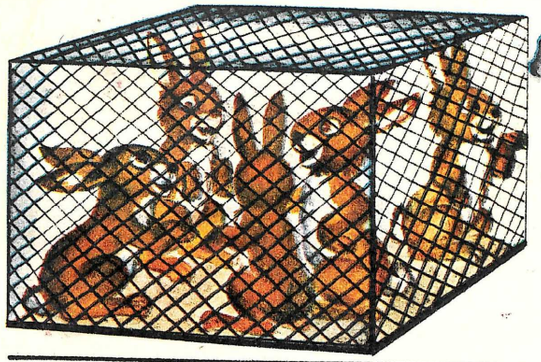




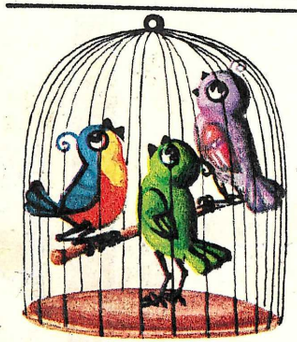






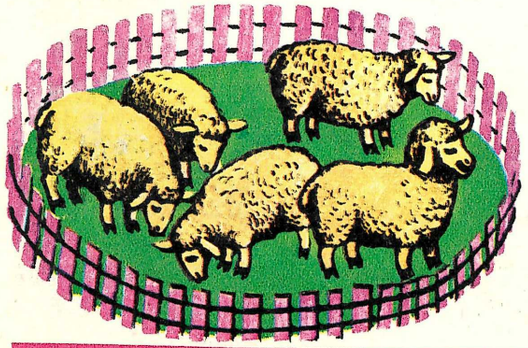




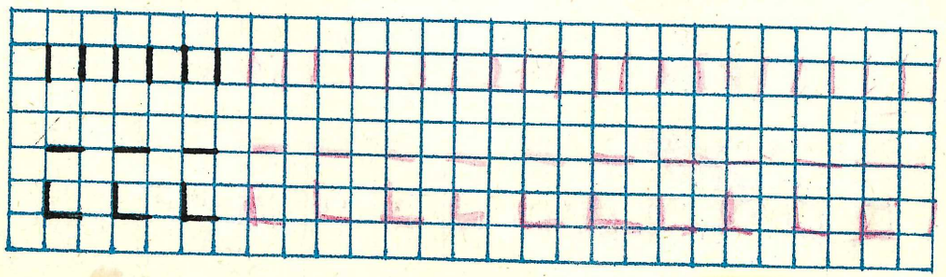


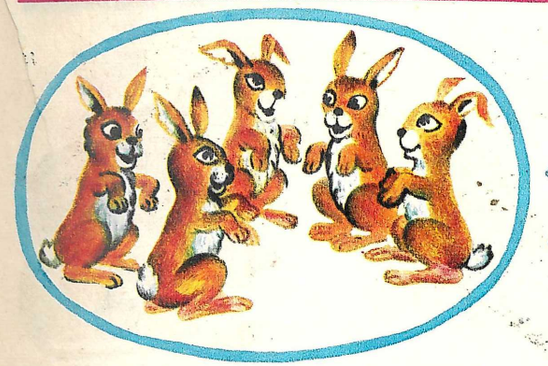


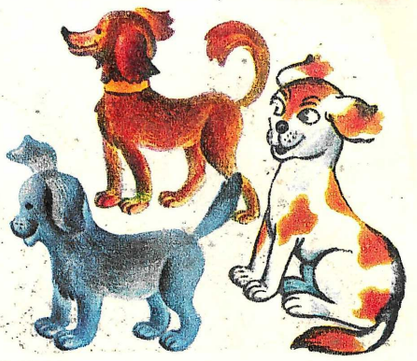




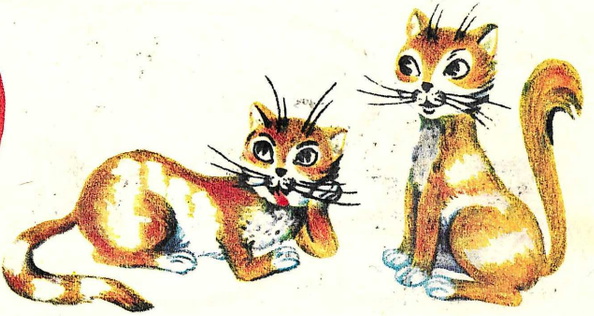


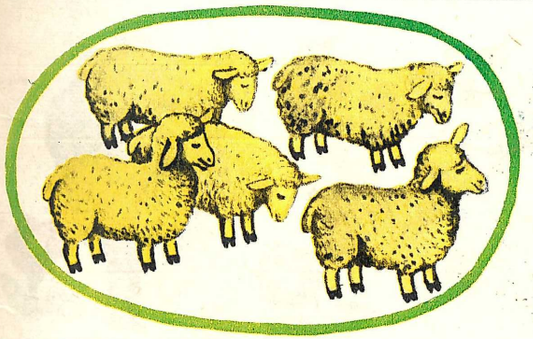




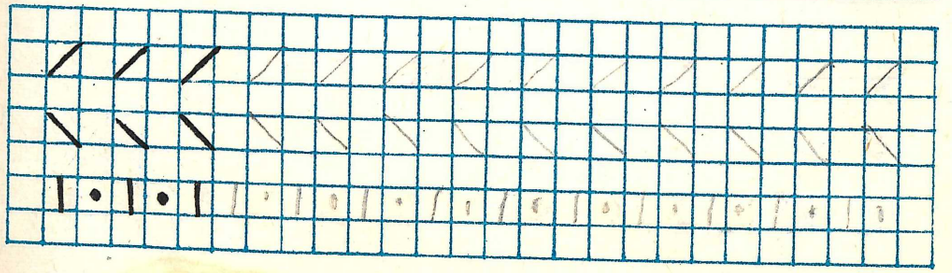


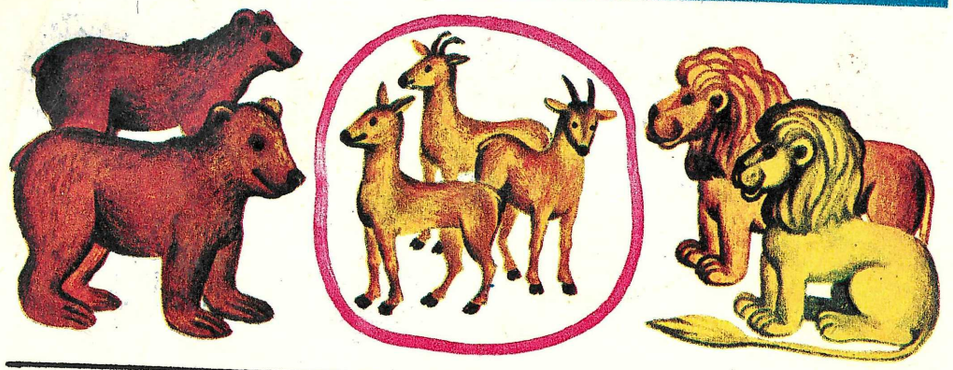


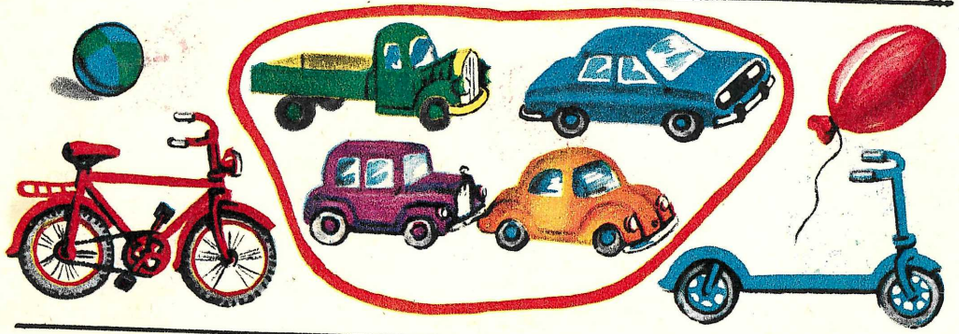




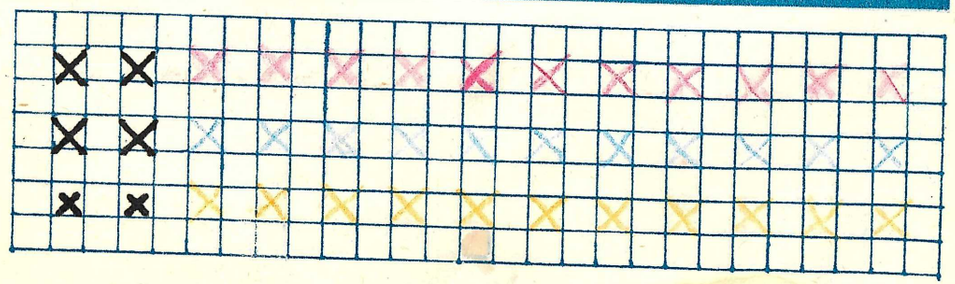


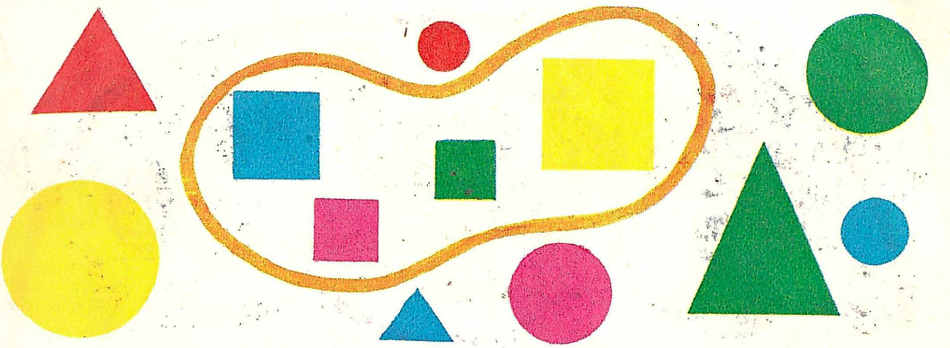


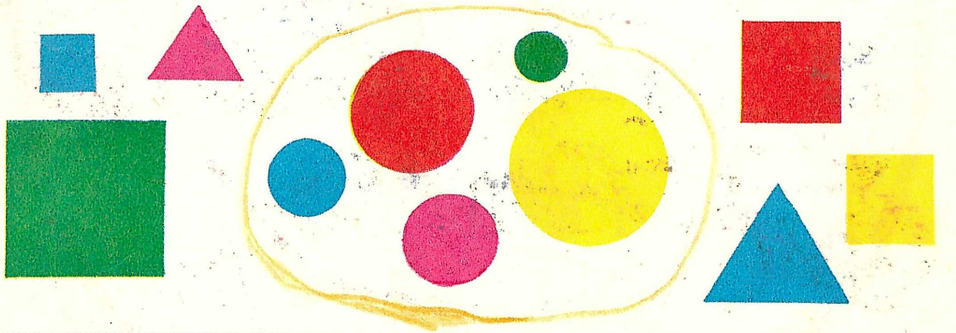


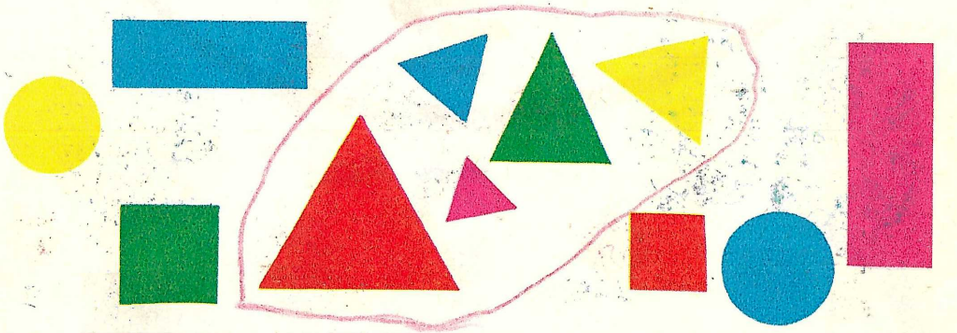


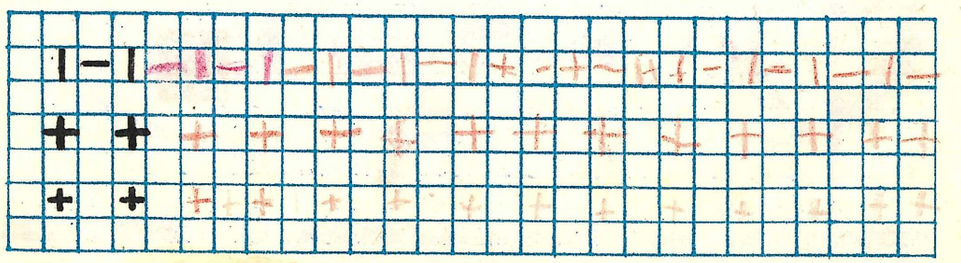




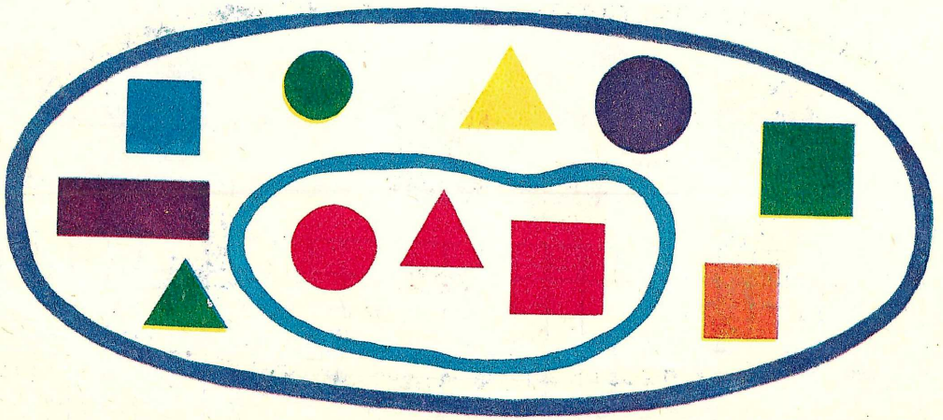


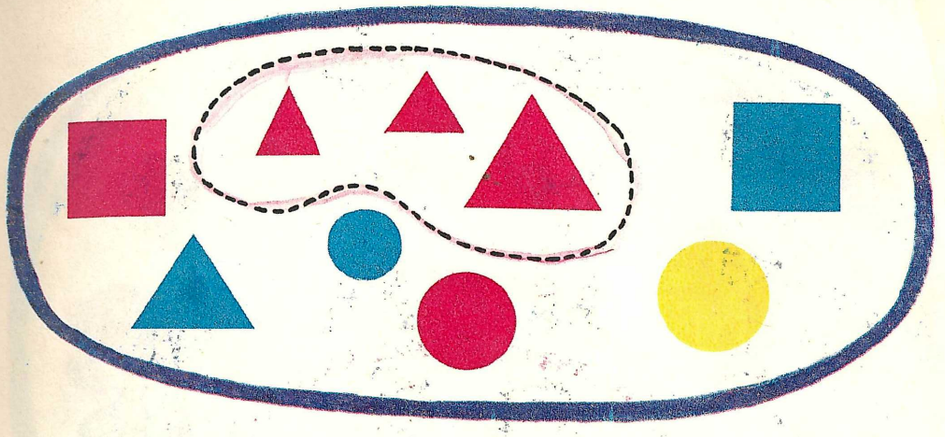


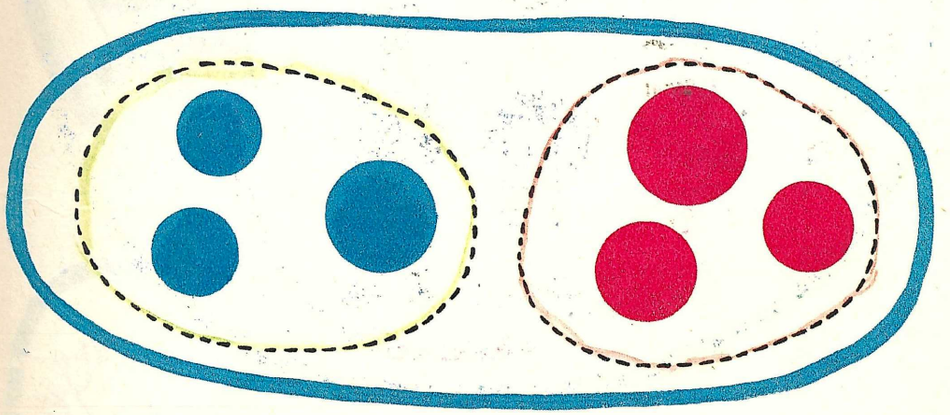


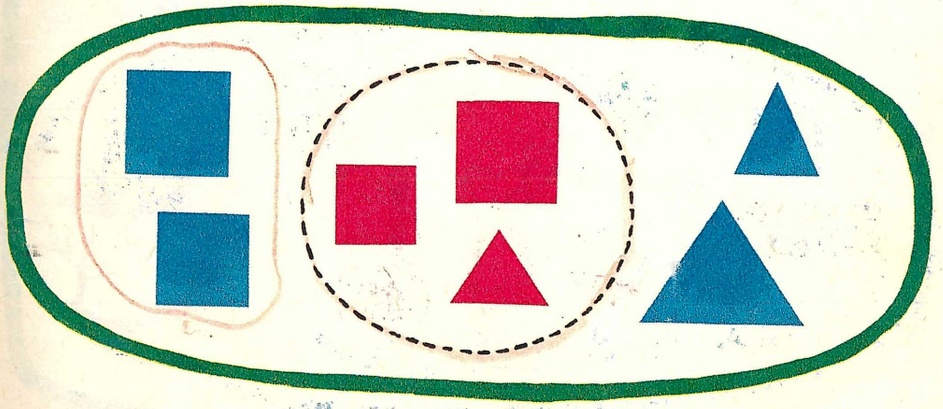








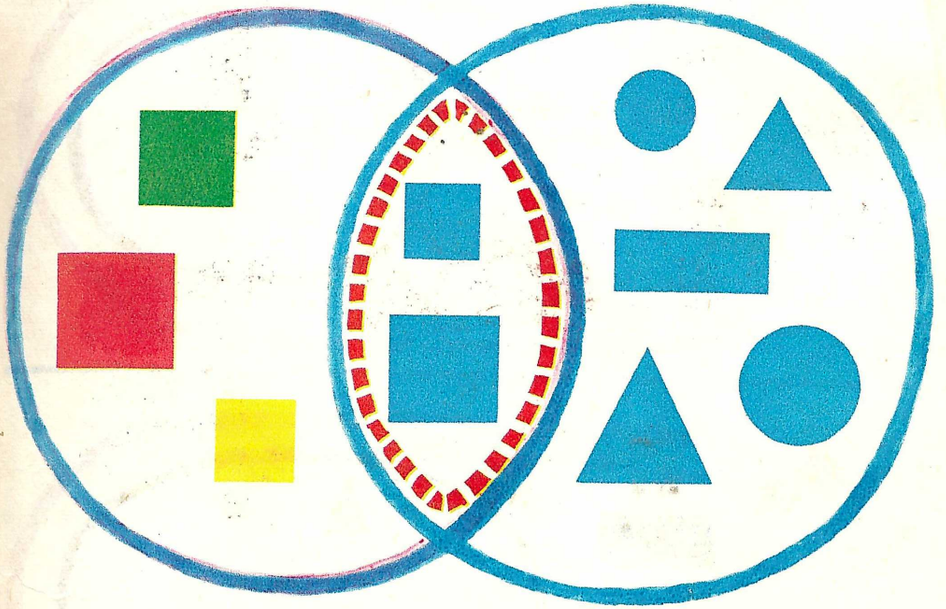


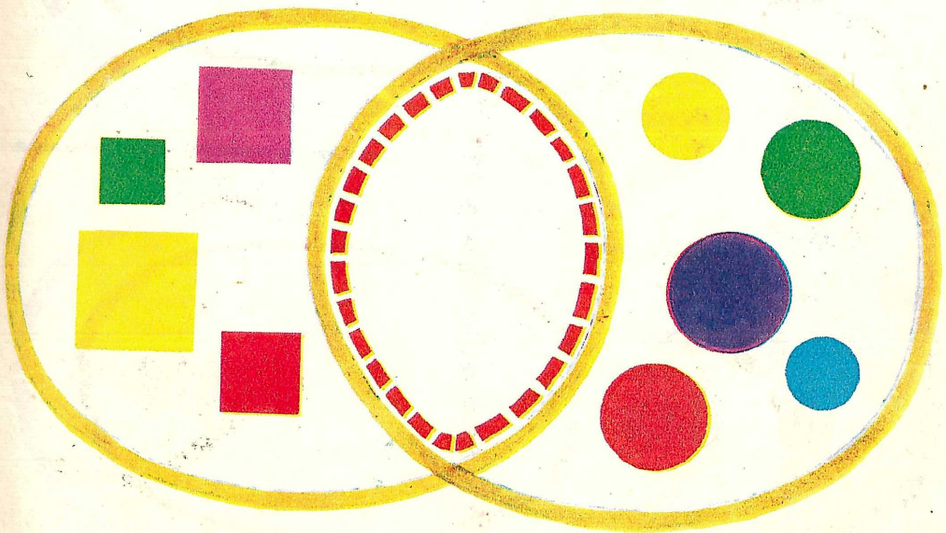


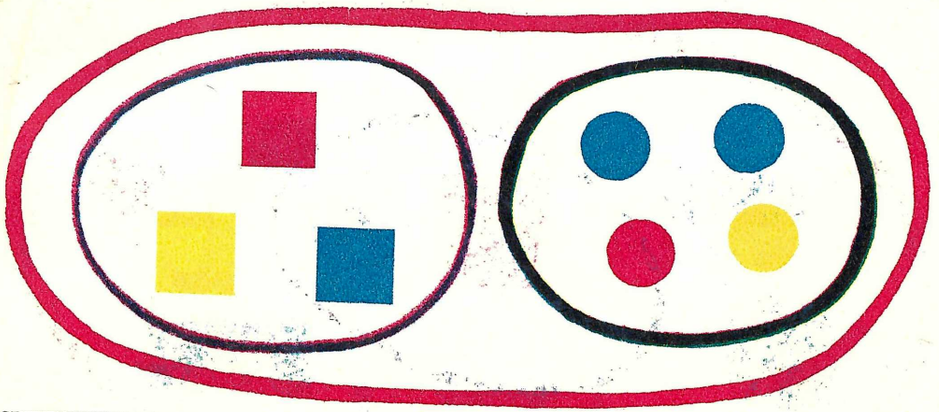


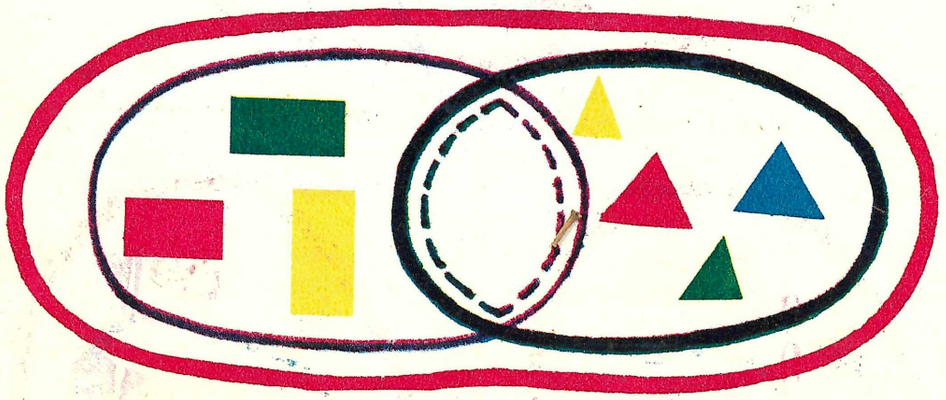


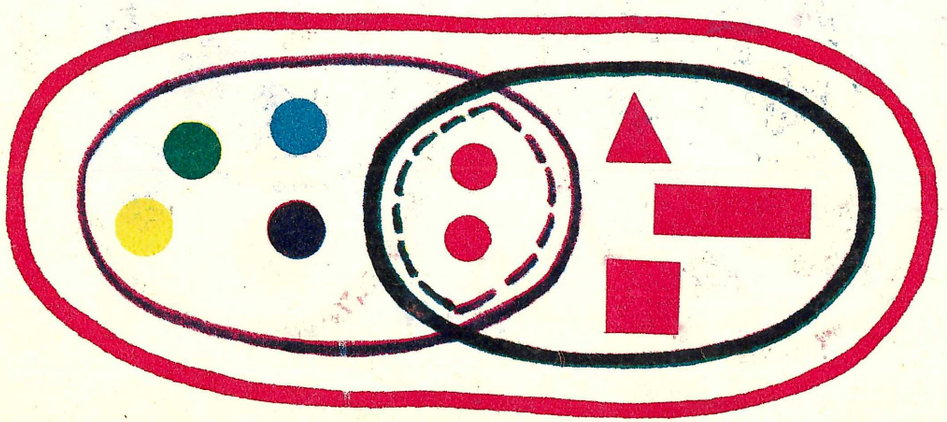


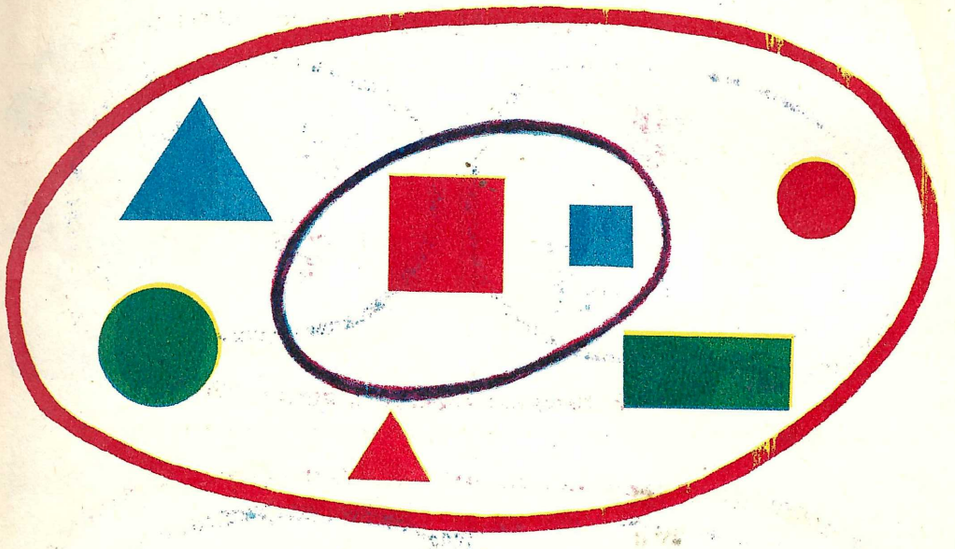


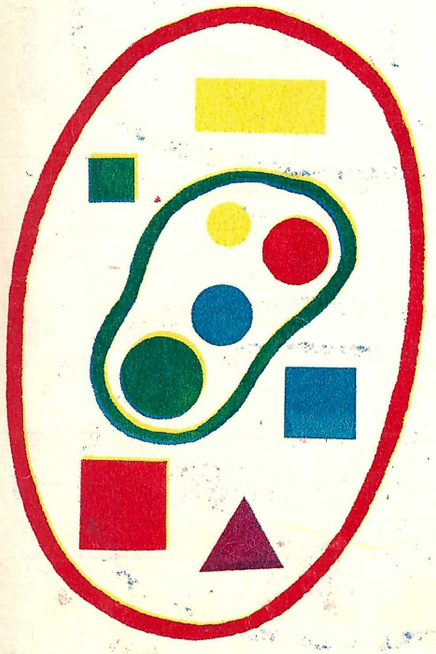


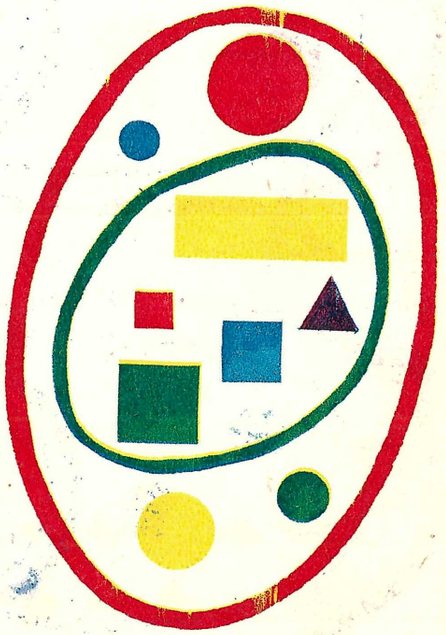


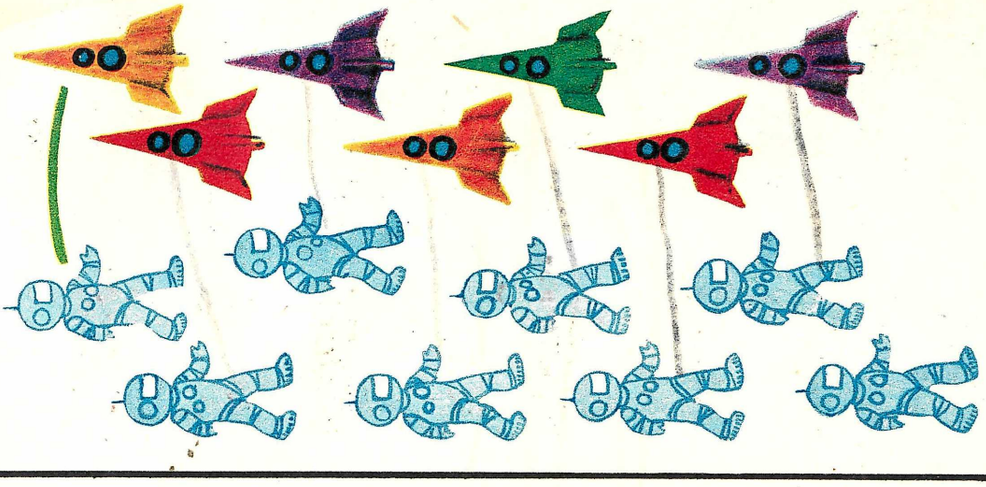


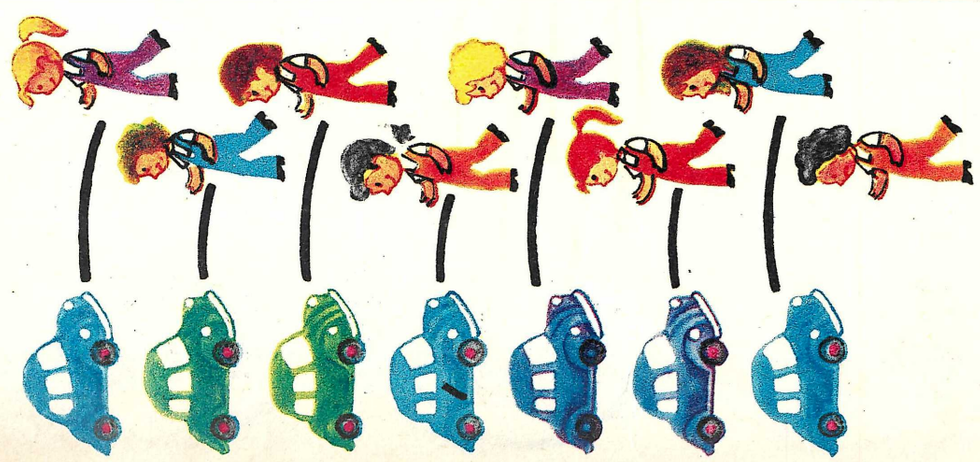


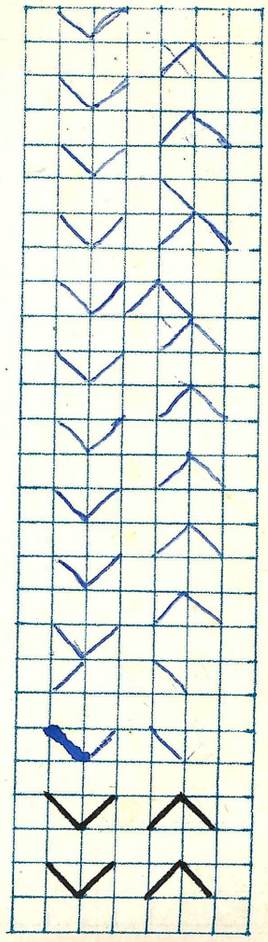


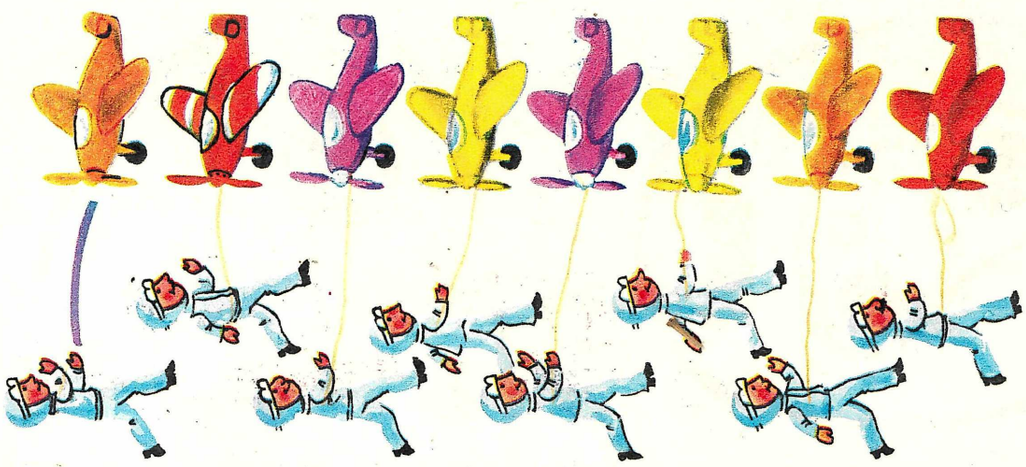


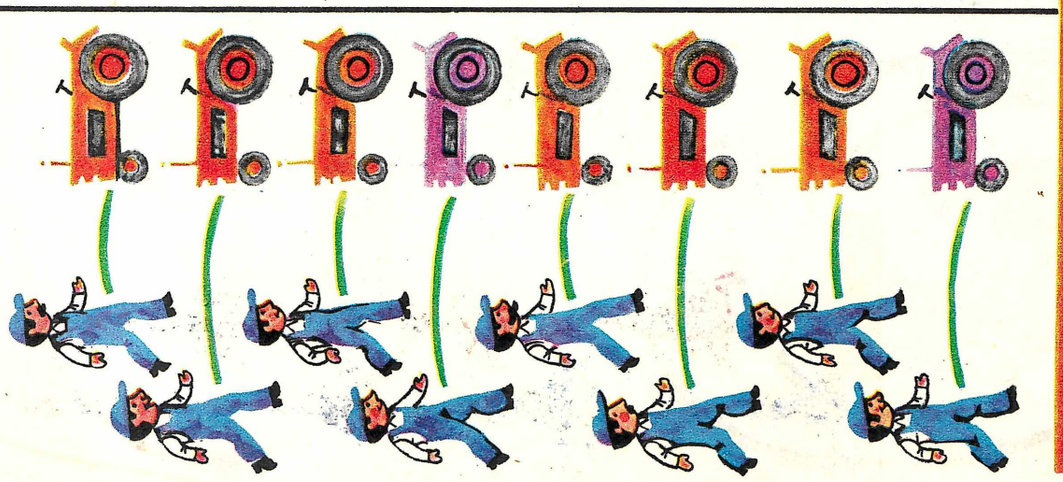


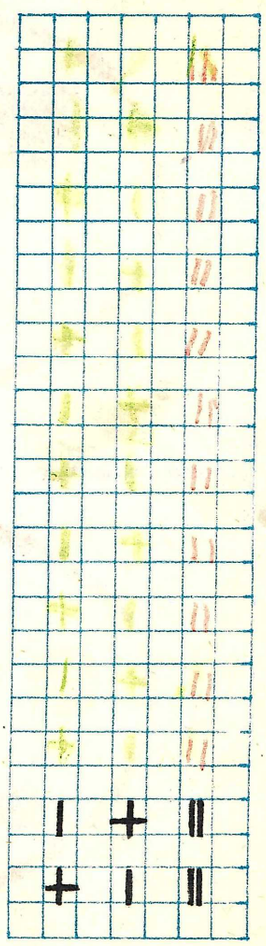


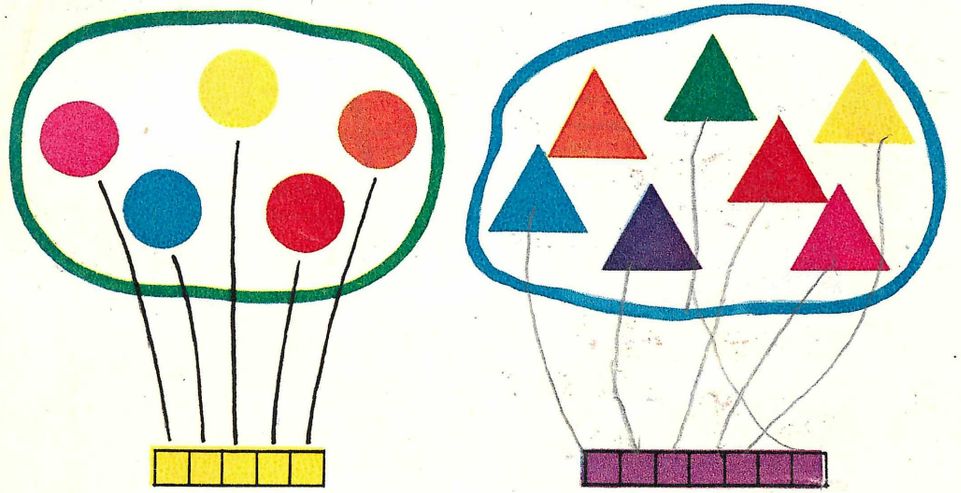


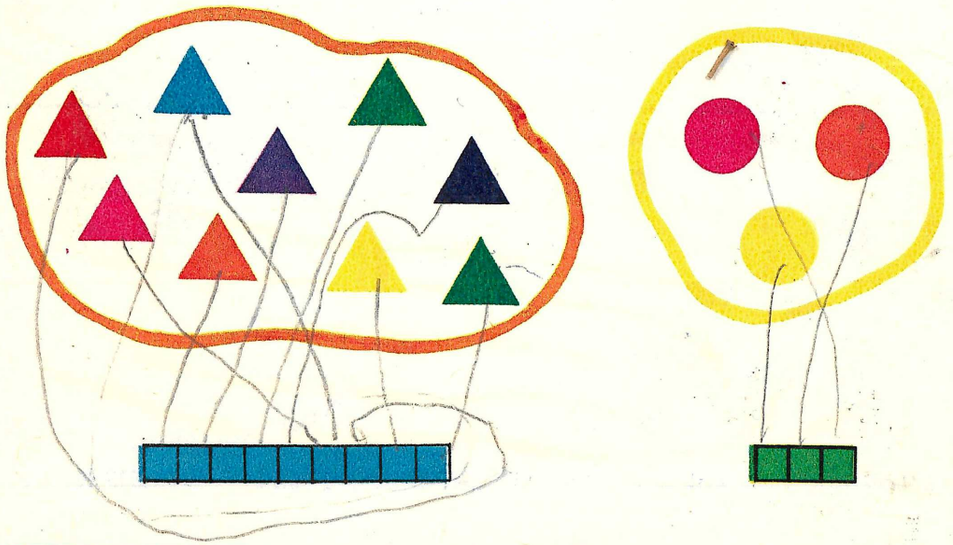


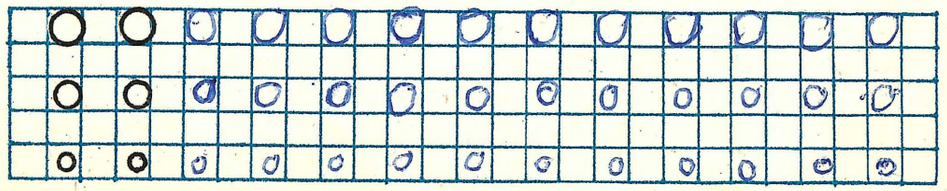


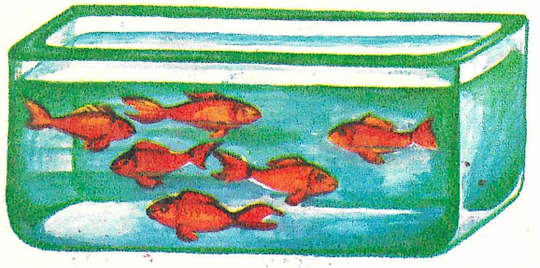


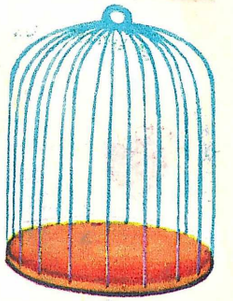

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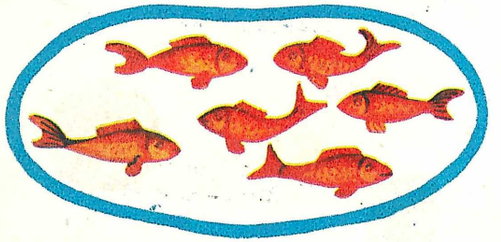


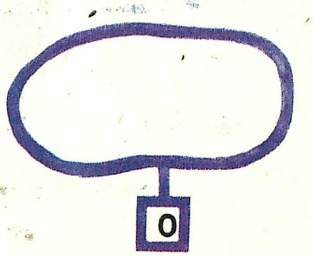


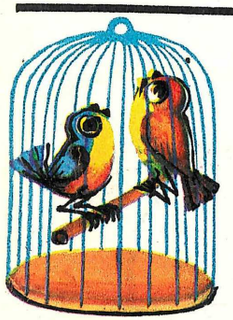


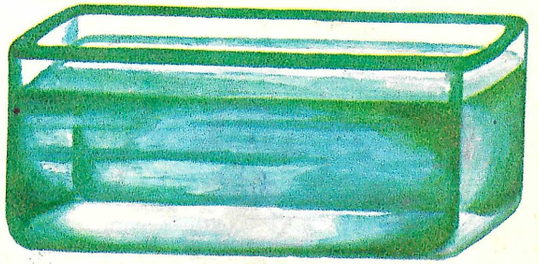


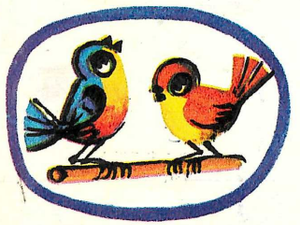


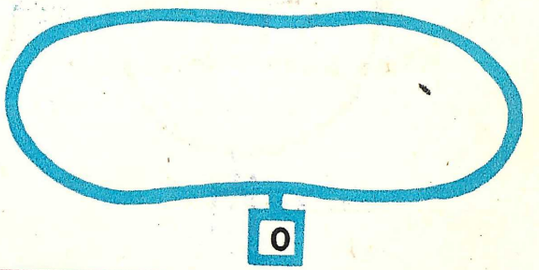


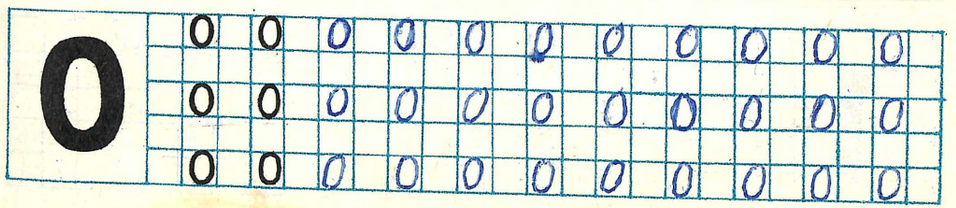

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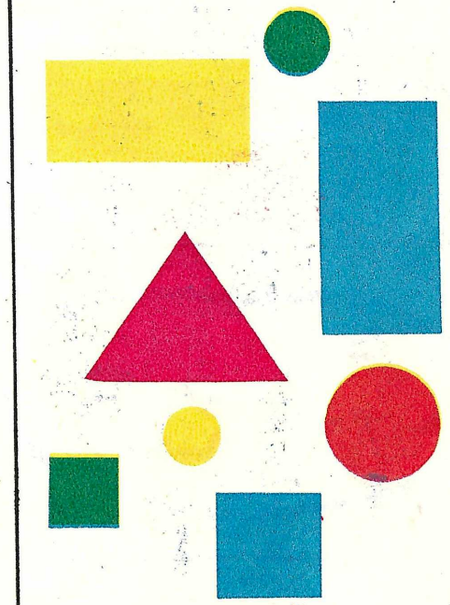


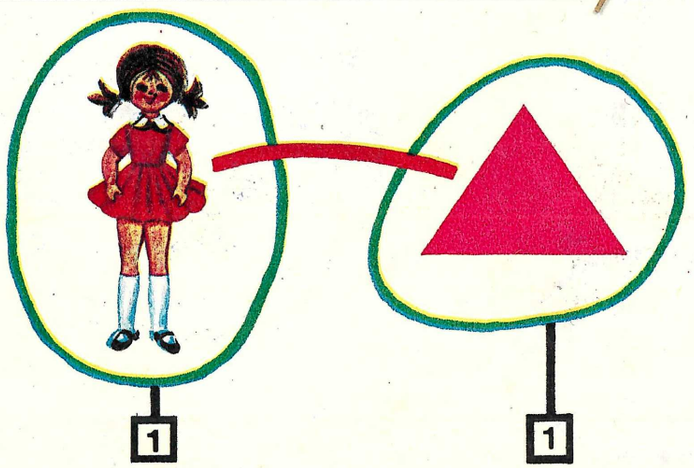



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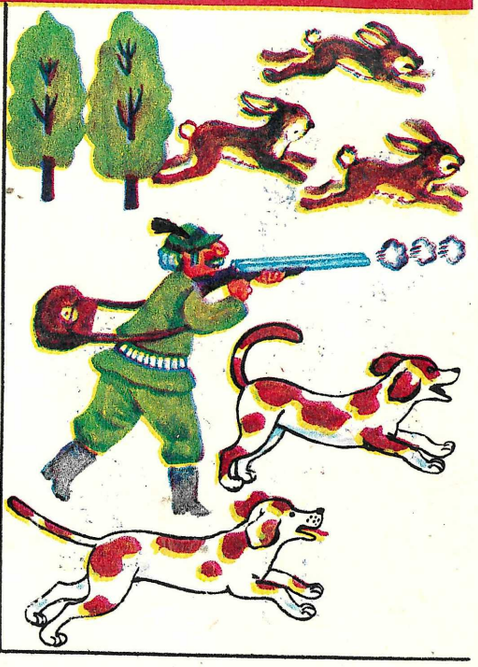


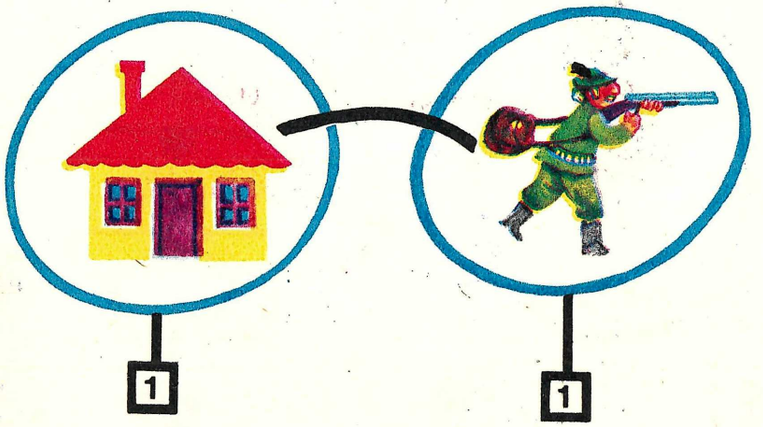


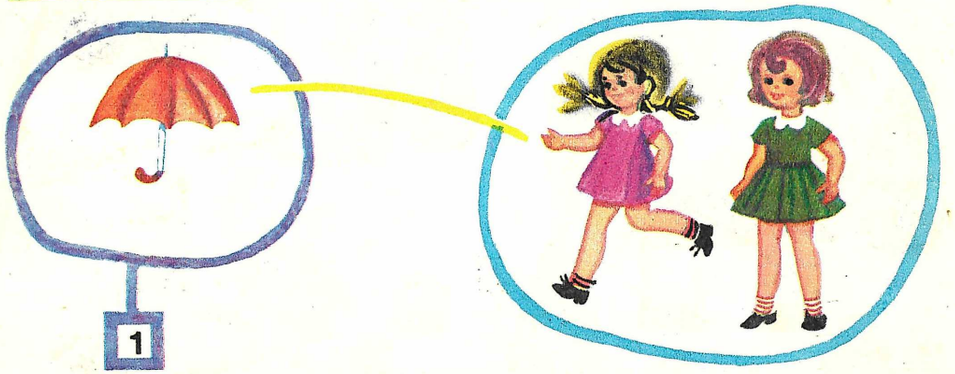


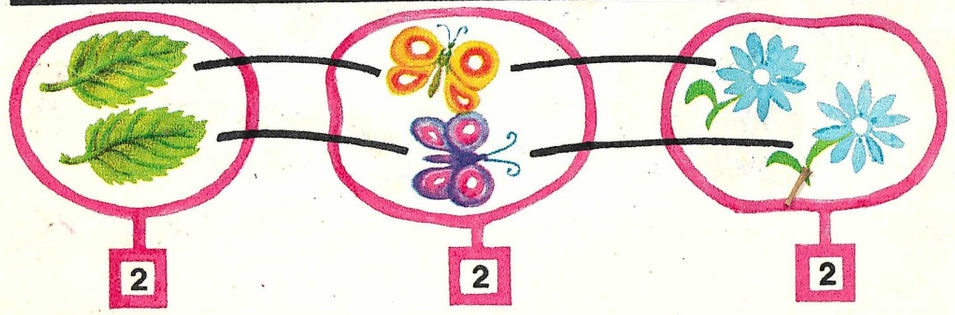
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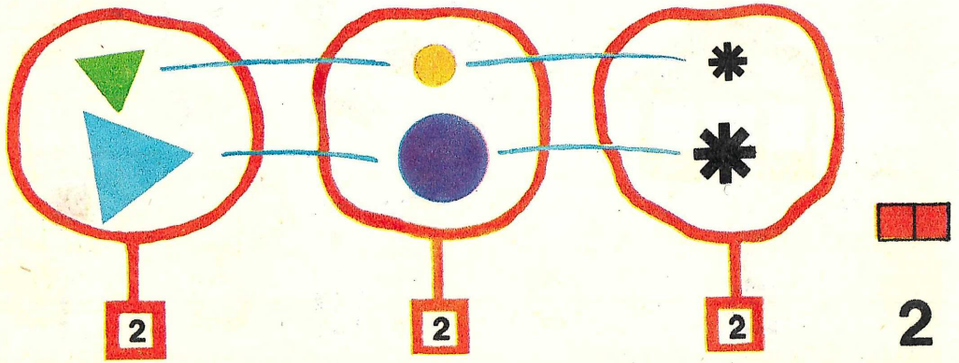










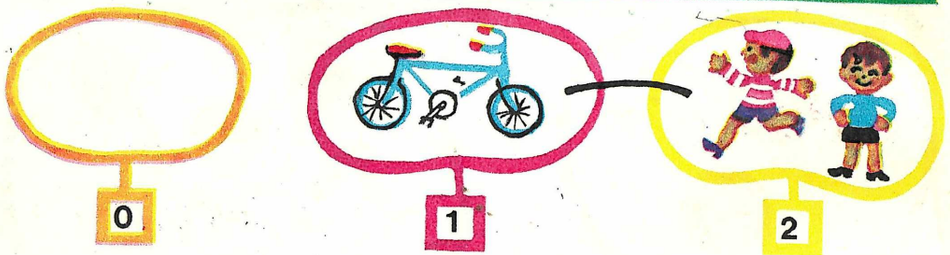


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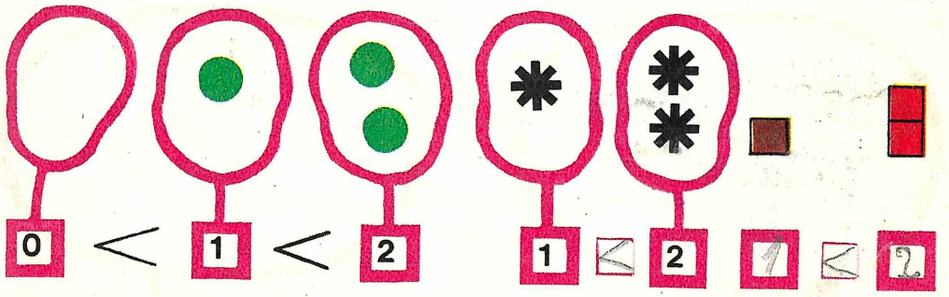
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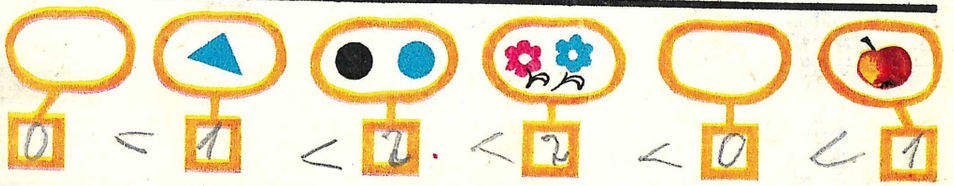


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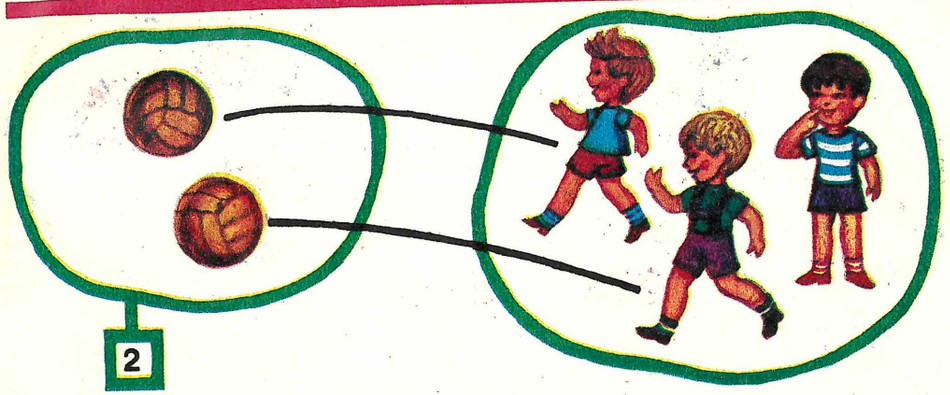
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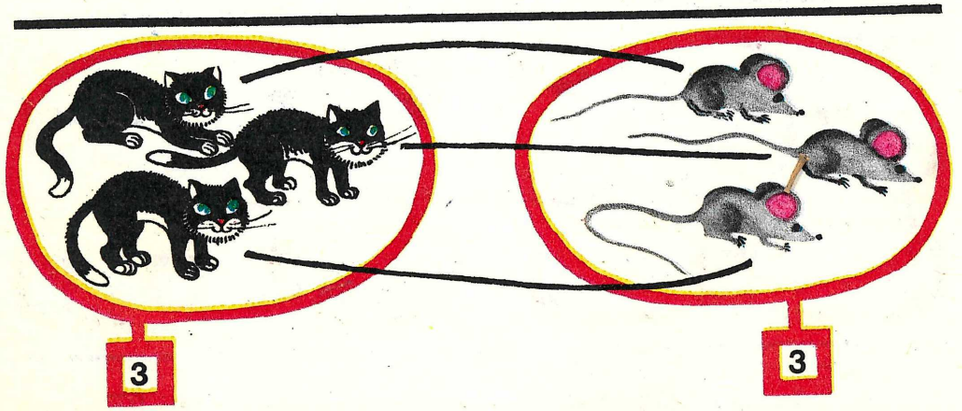


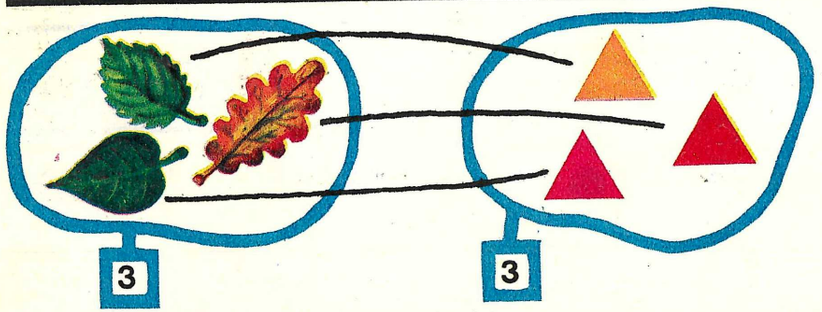
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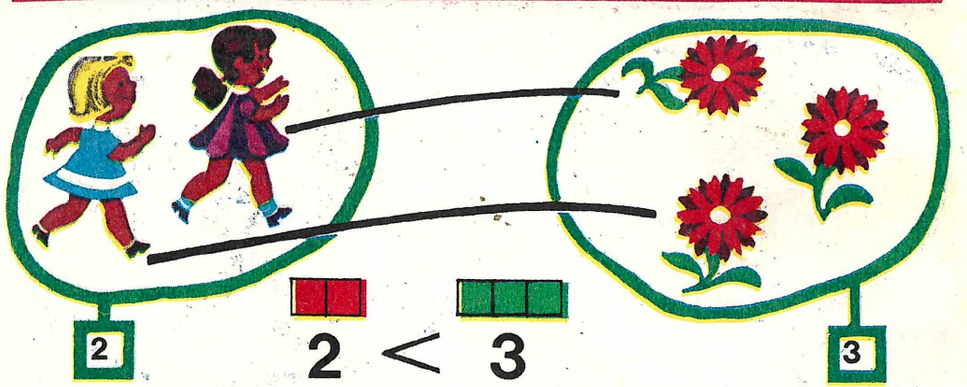

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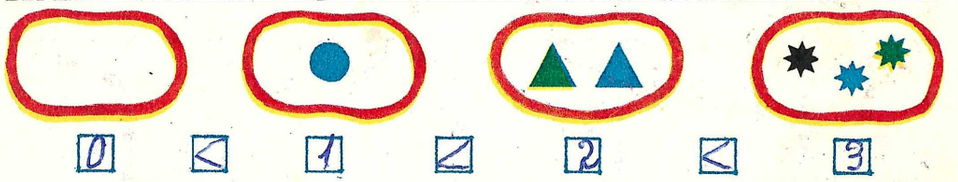

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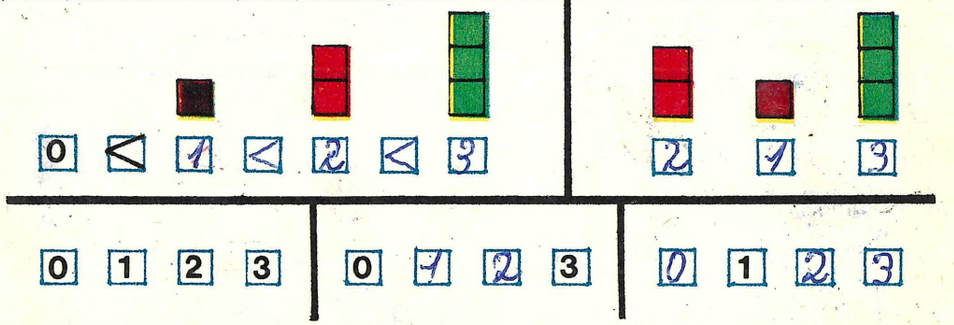
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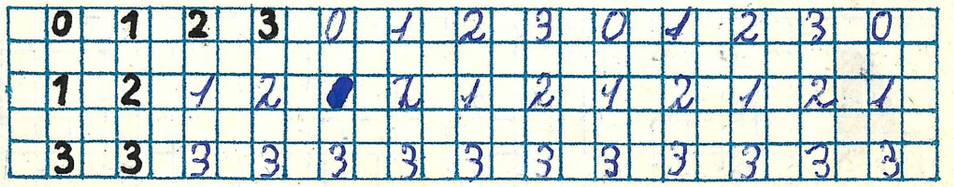
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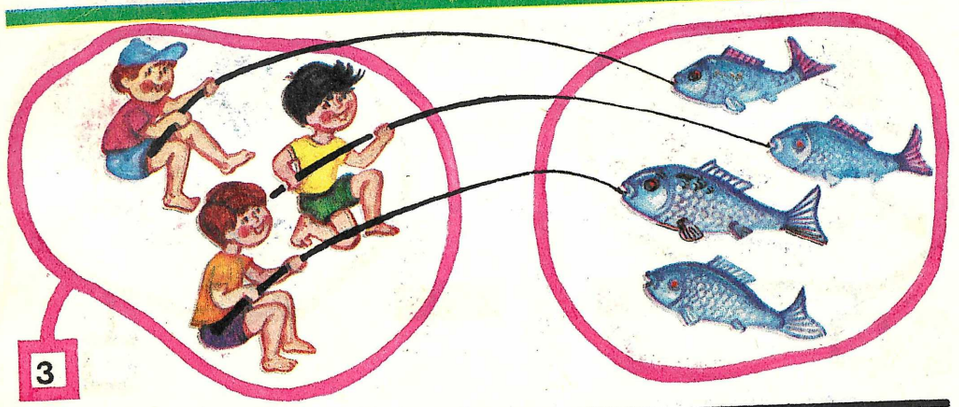

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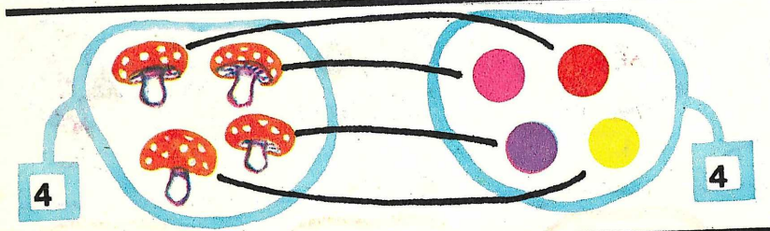

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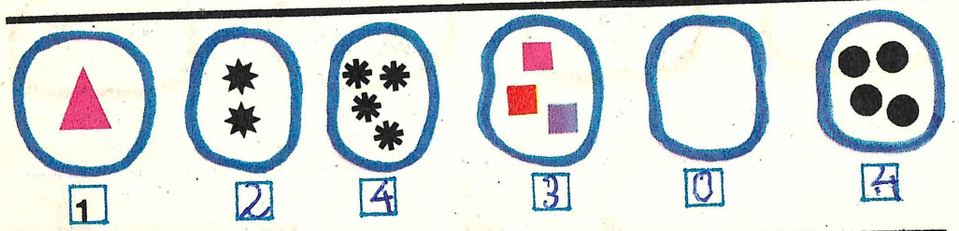

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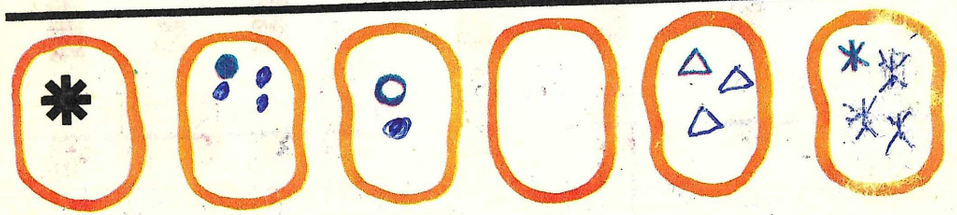

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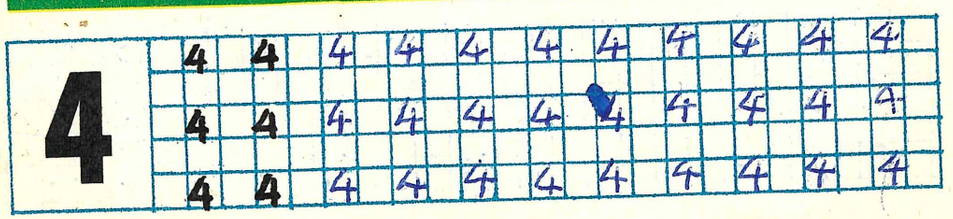

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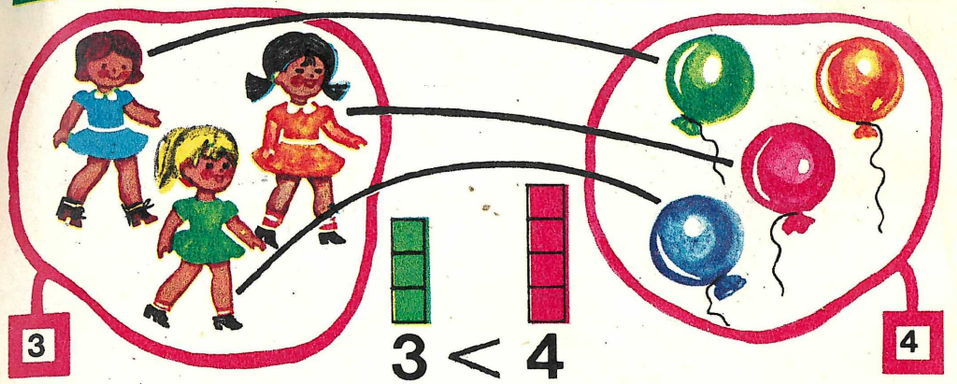

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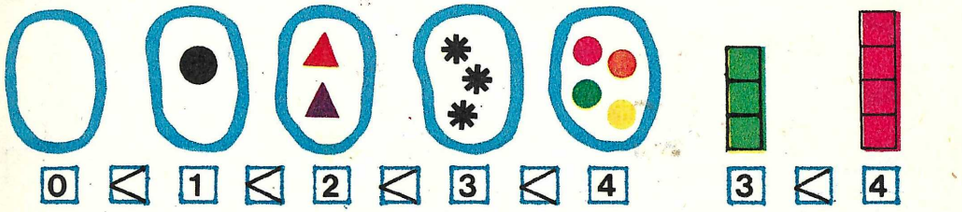

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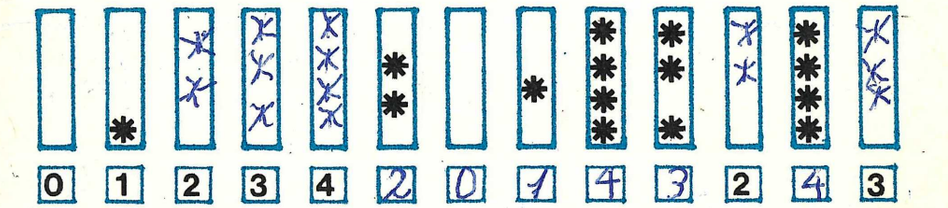

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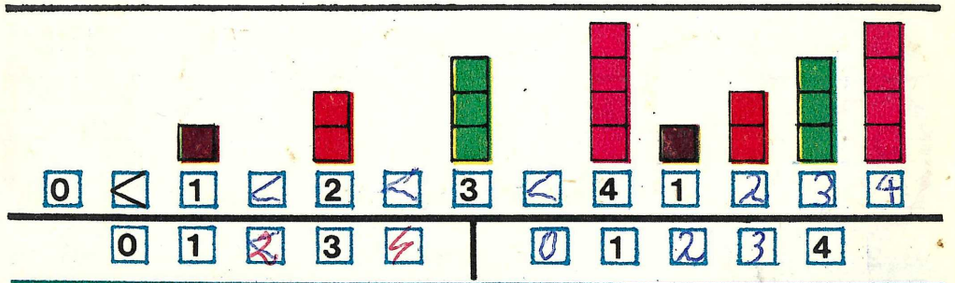

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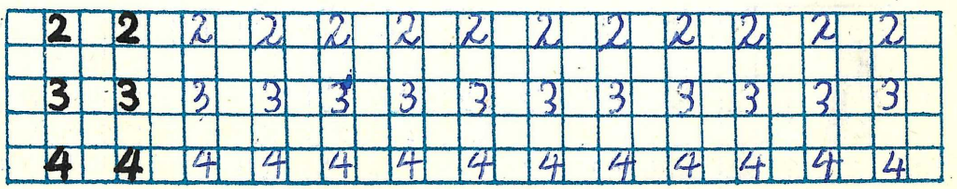

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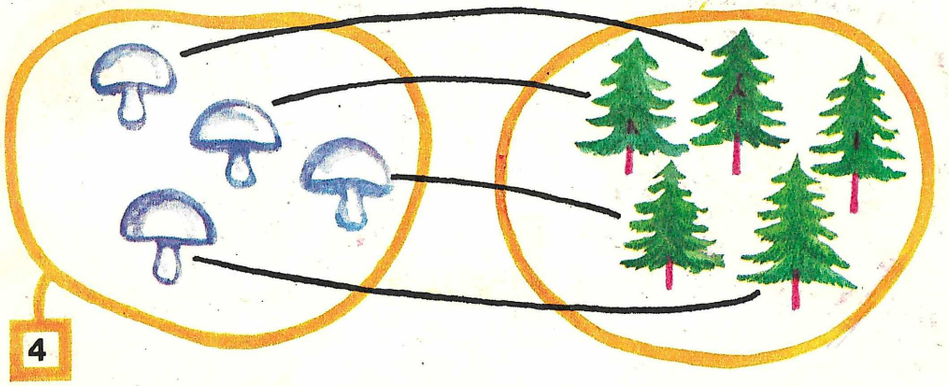

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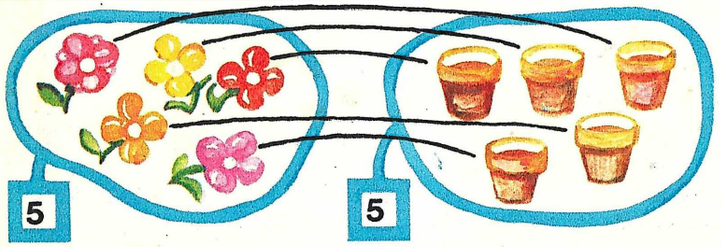

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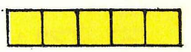

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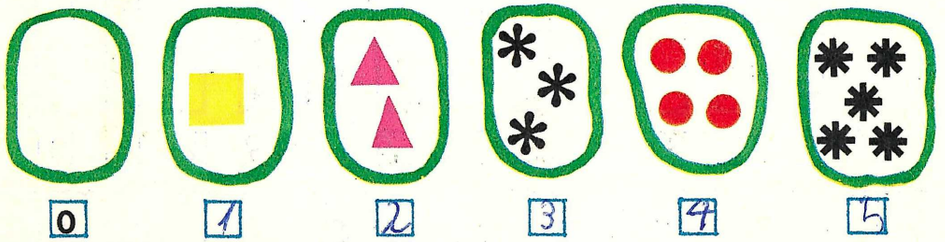
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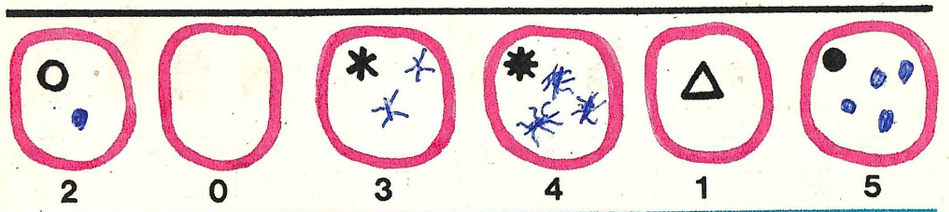
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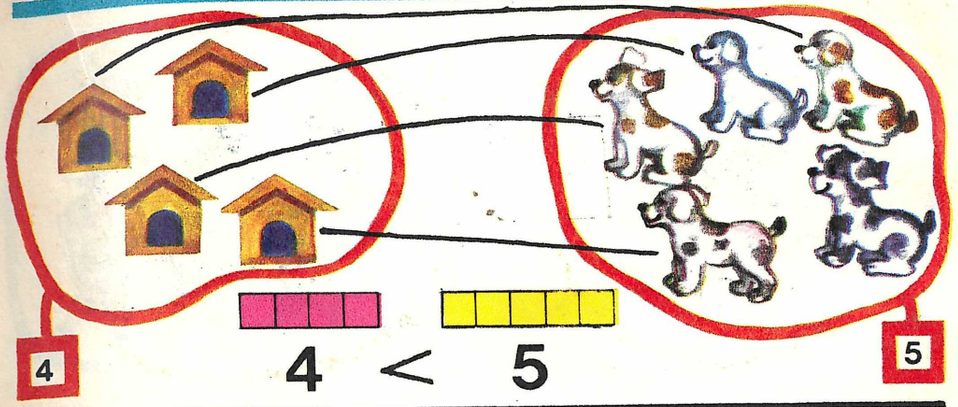
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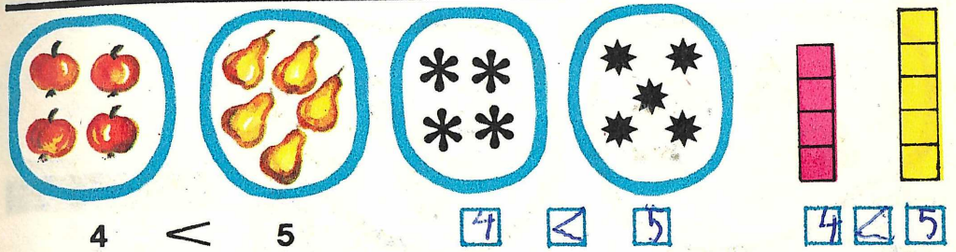
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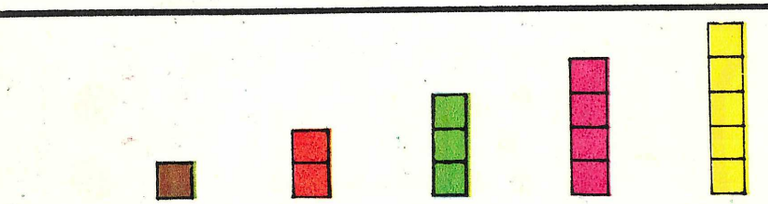


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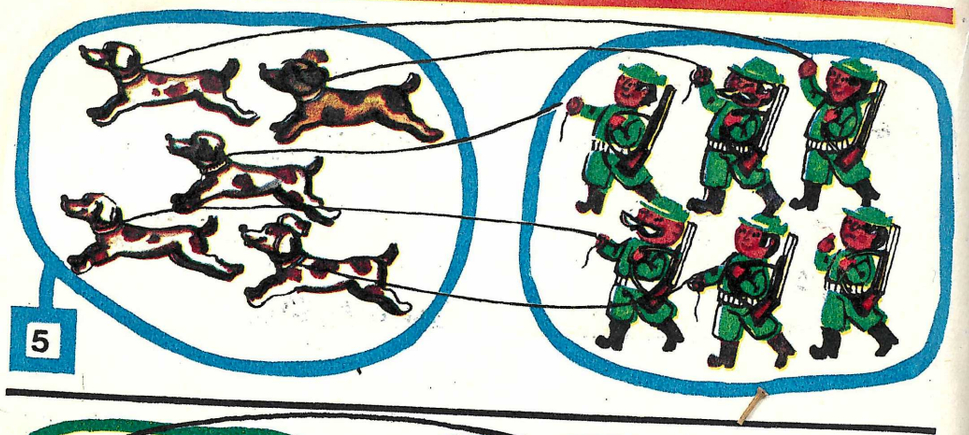
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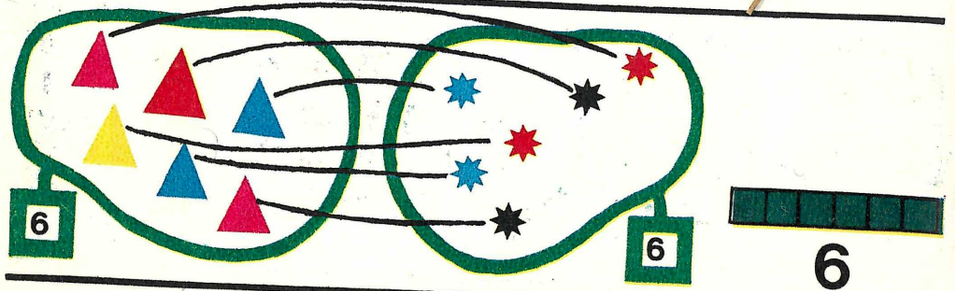
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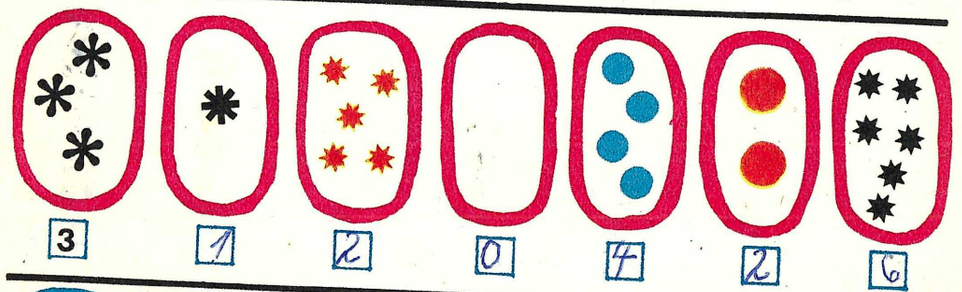
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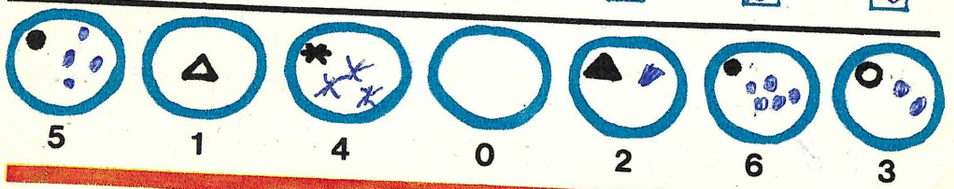
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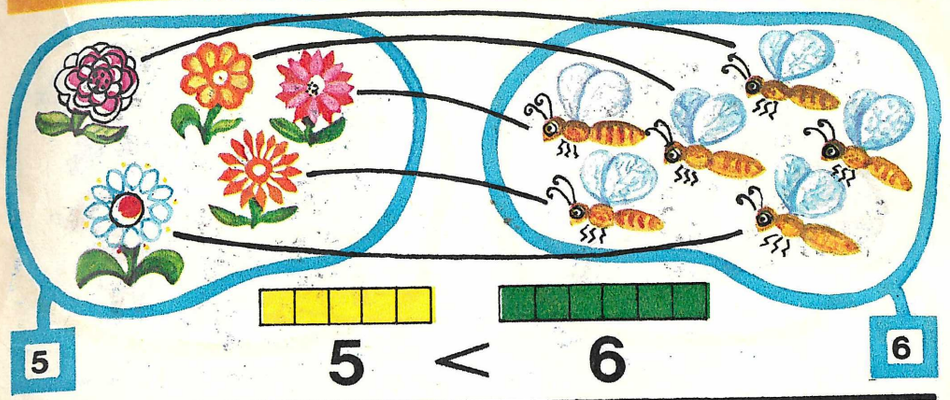

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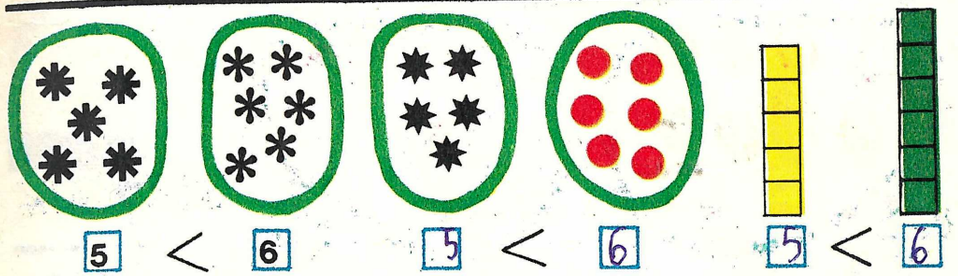
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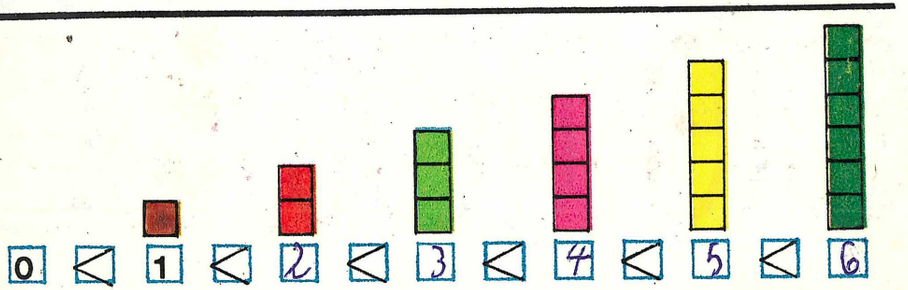

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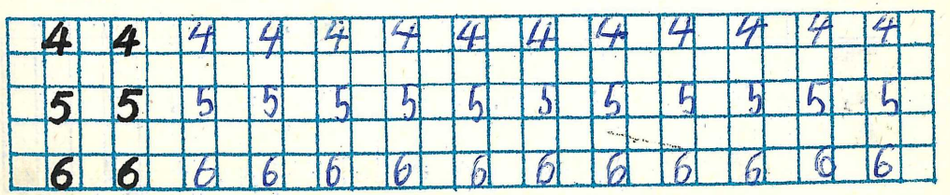

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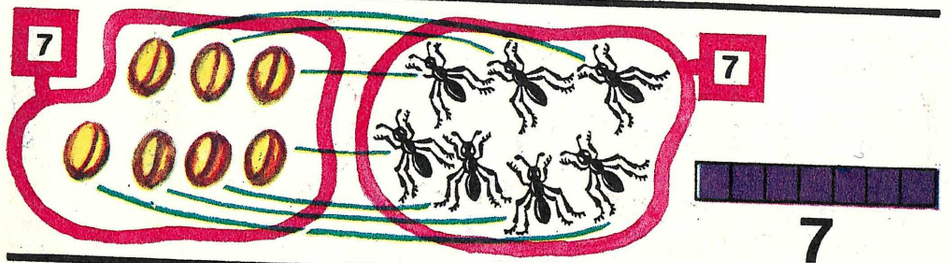

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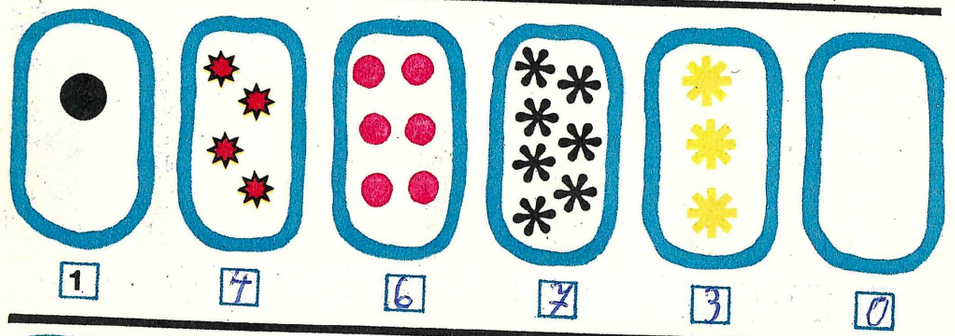

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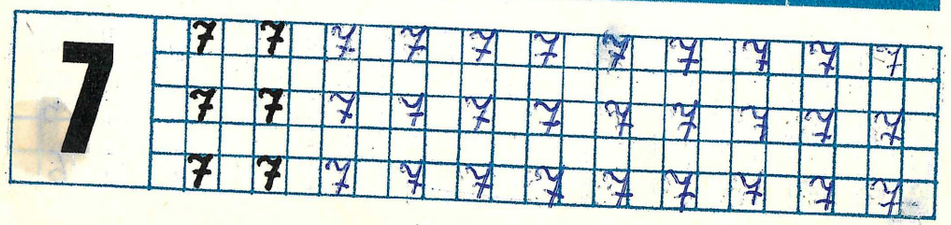

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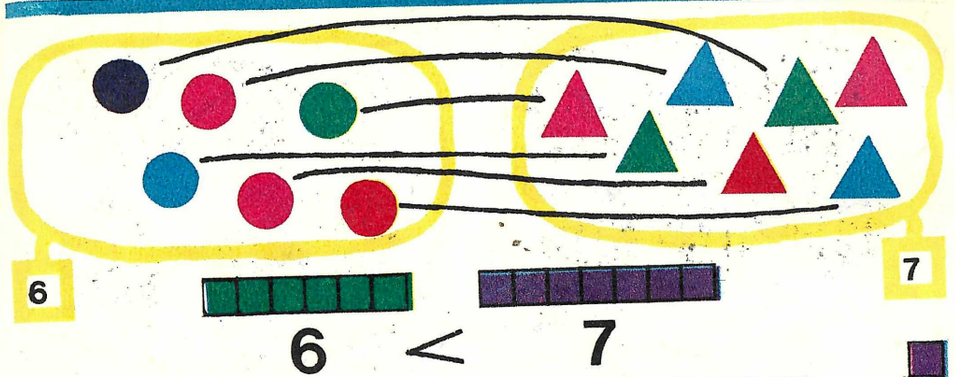

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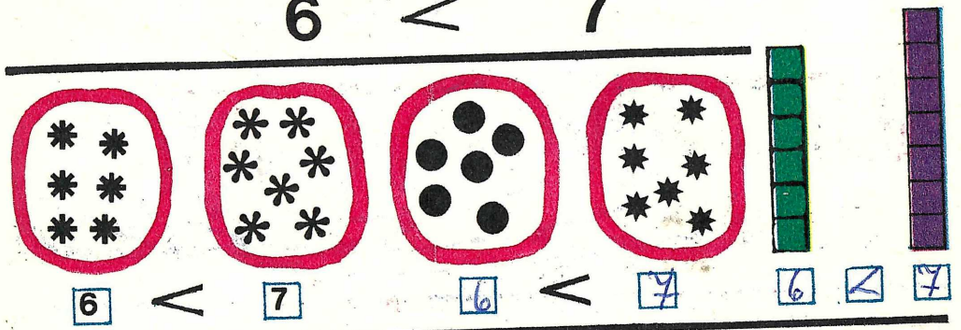

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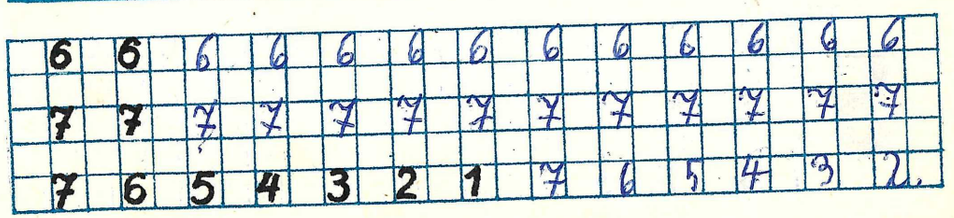

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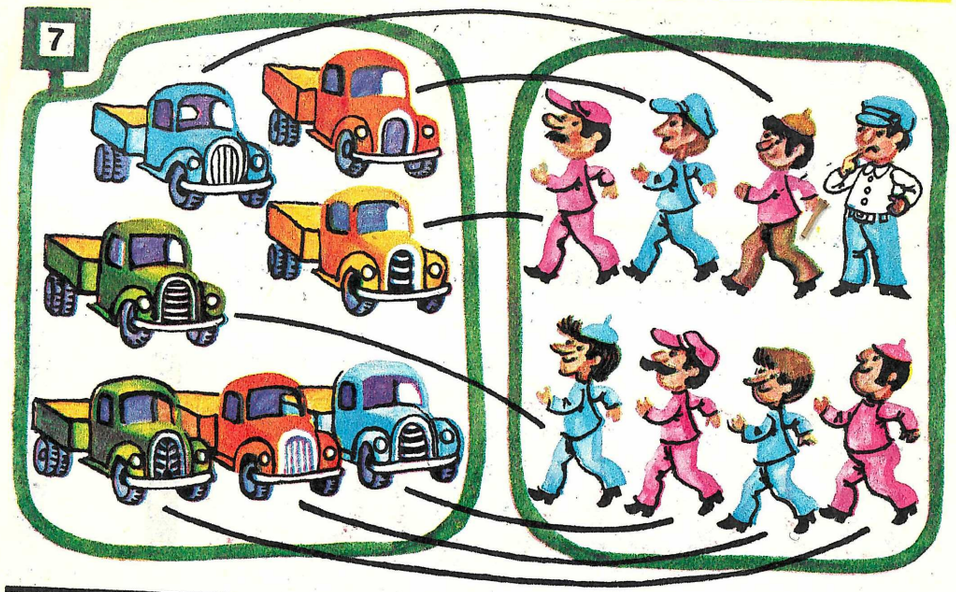

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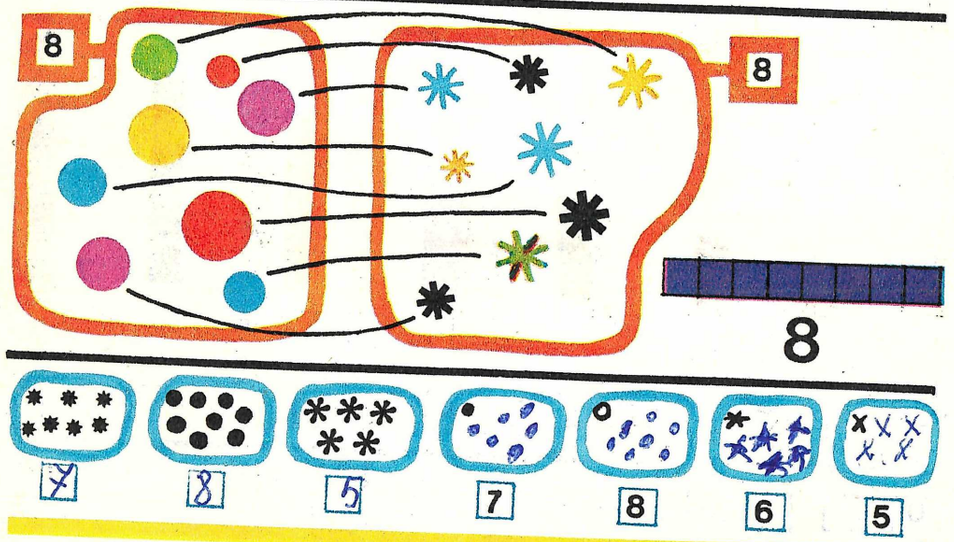

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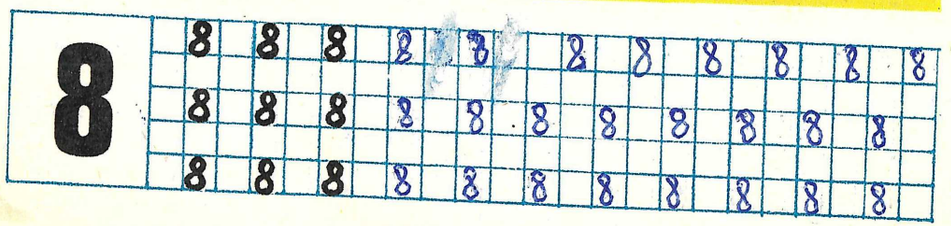

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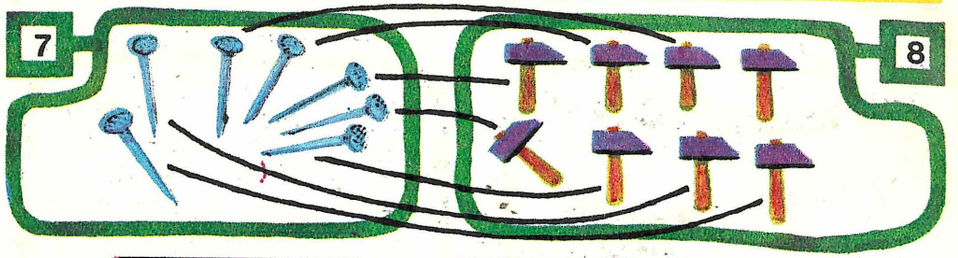

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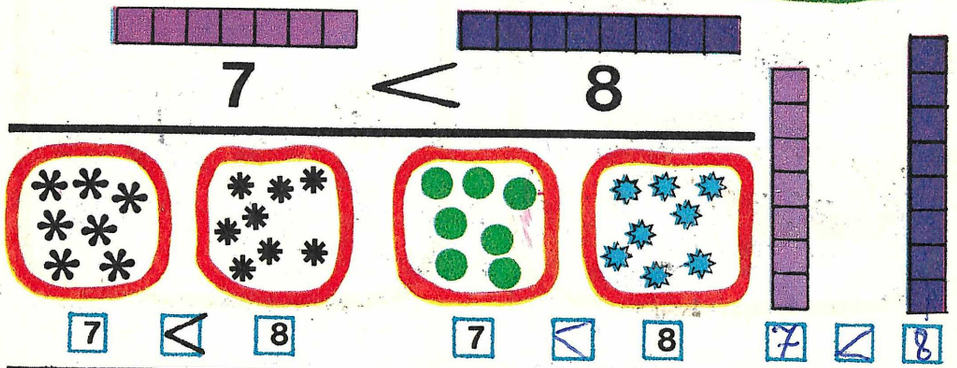

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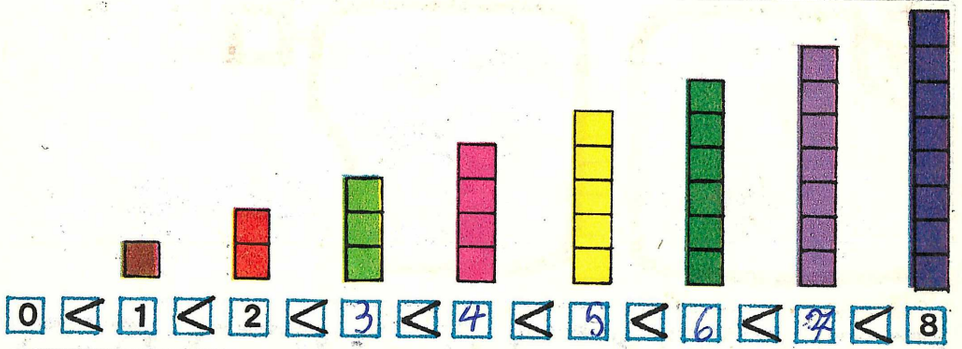

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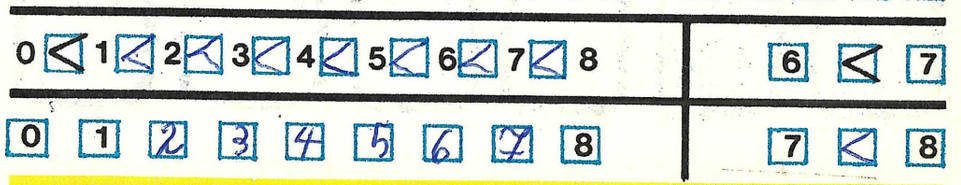
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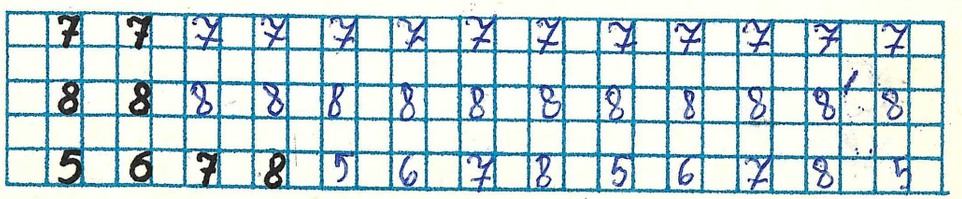

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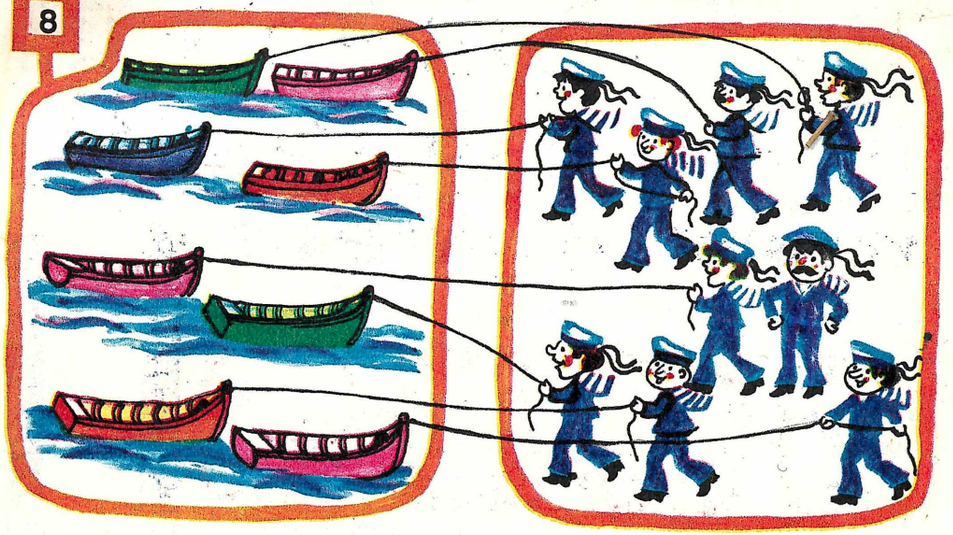

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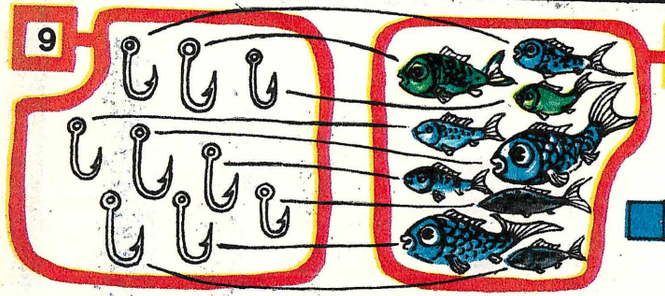

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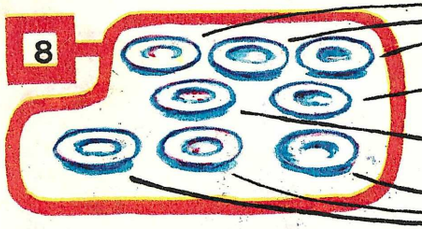
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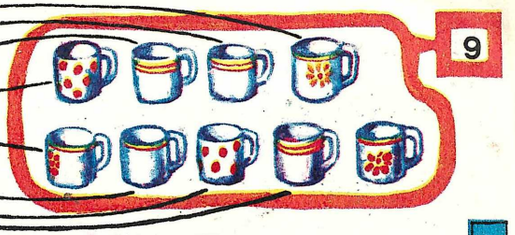
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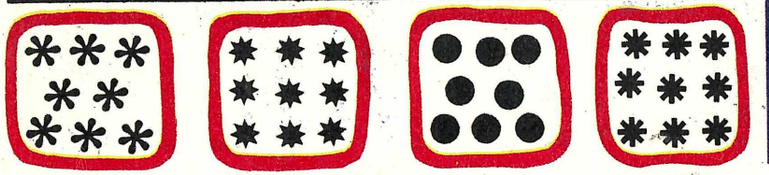
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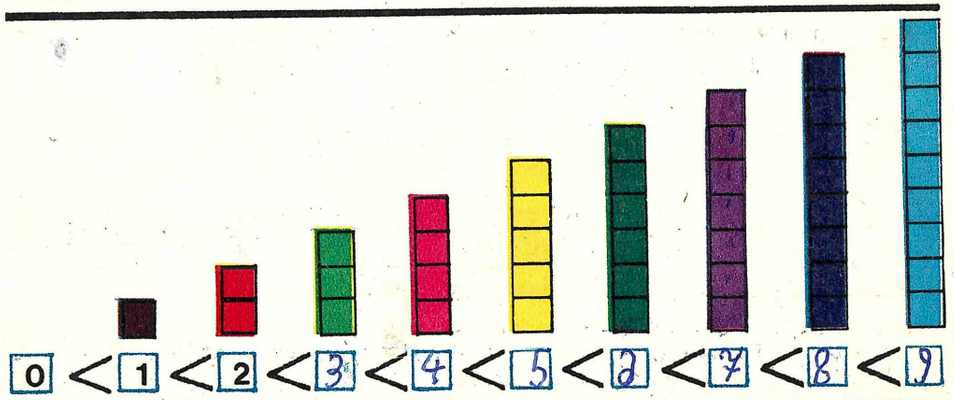
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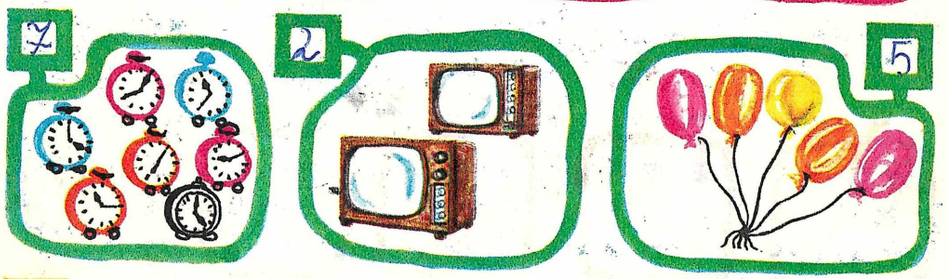
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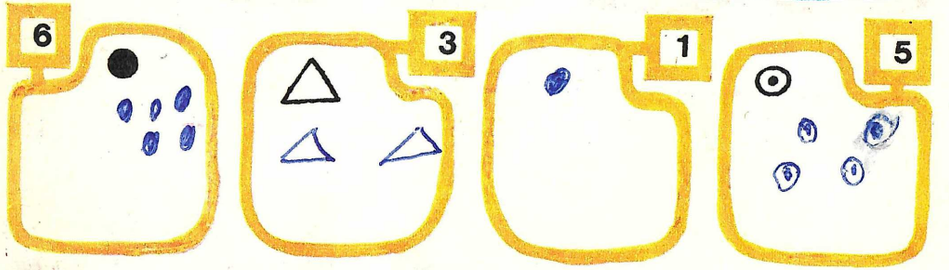
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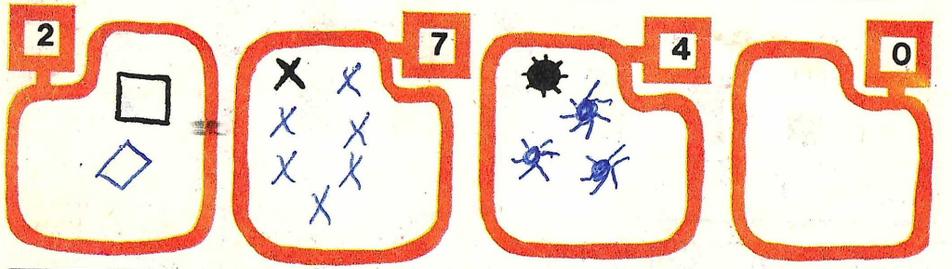
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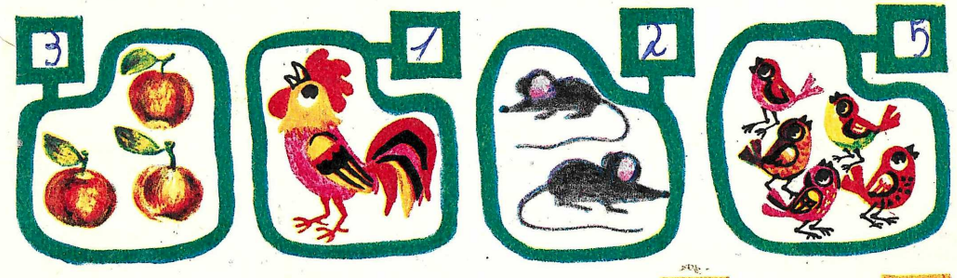


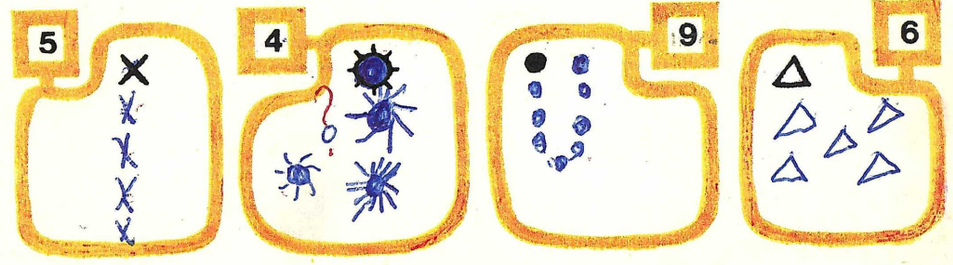


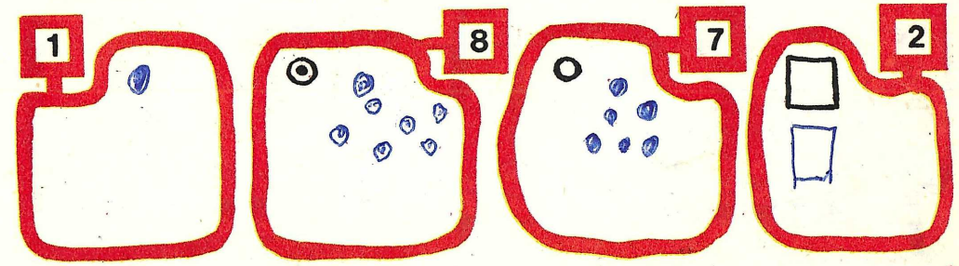
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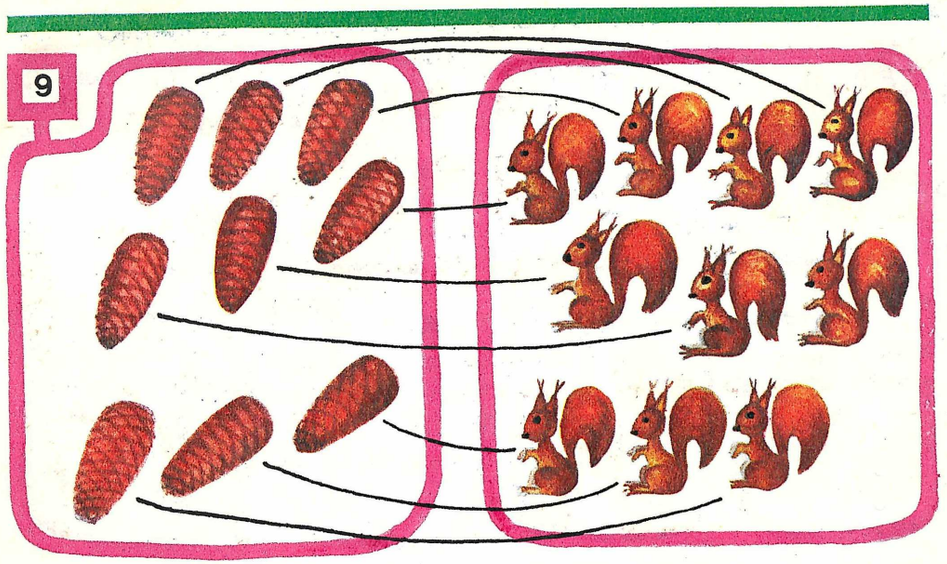


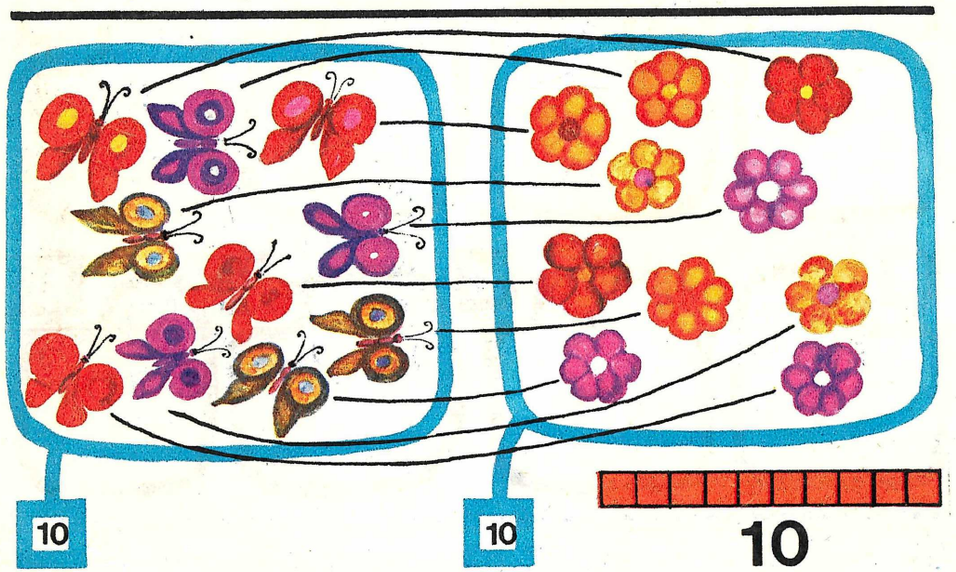






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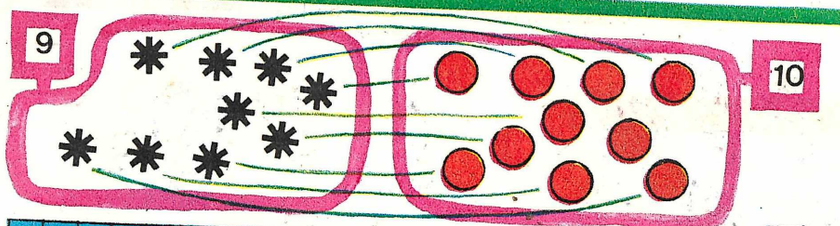


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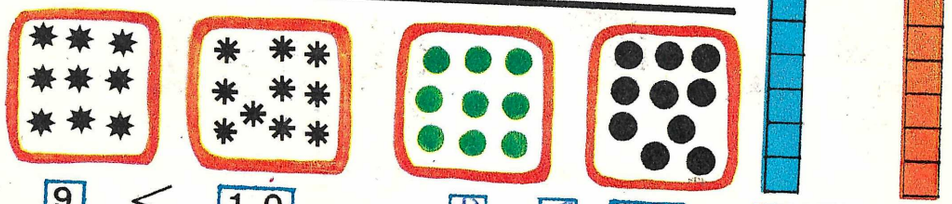
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10 10 10 10 10 10 10



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9 < 10 9 < 10 9 < 10



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0 1 2 3 4 5 6 7 8 9 10

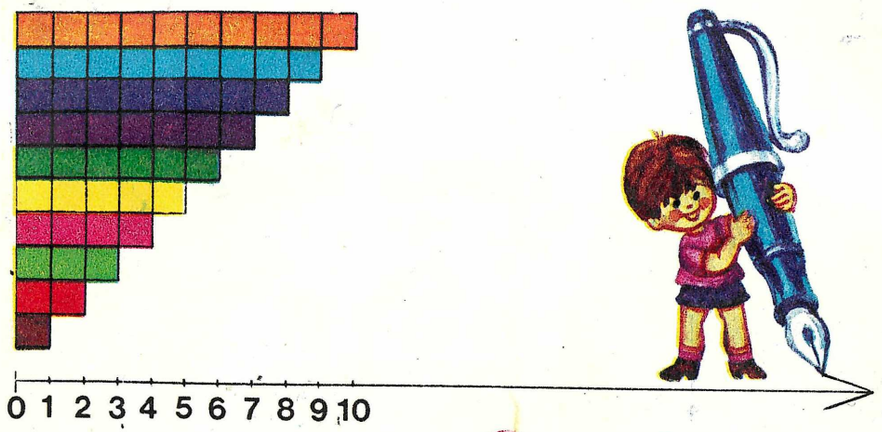
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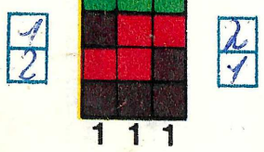
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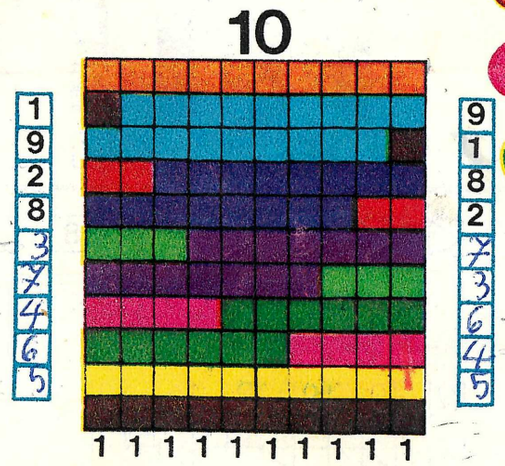
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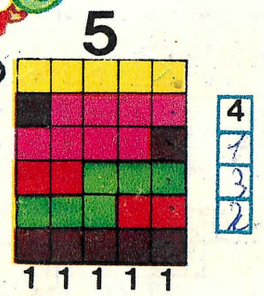
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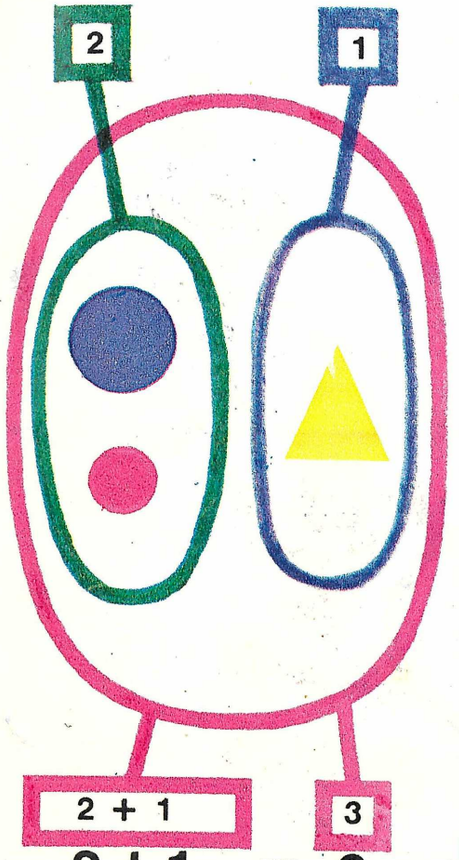












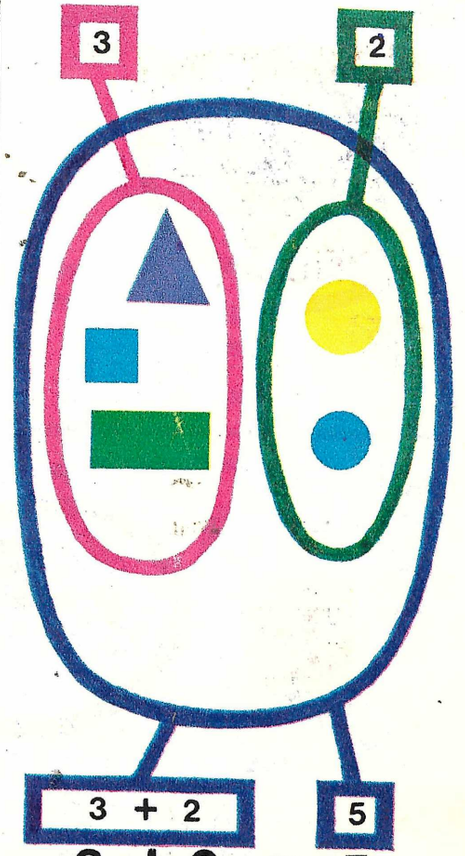
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2 + 1
3
3 = 2 + 1



1 + 2
3
3 = 1 + 2



3 + 2 = 5

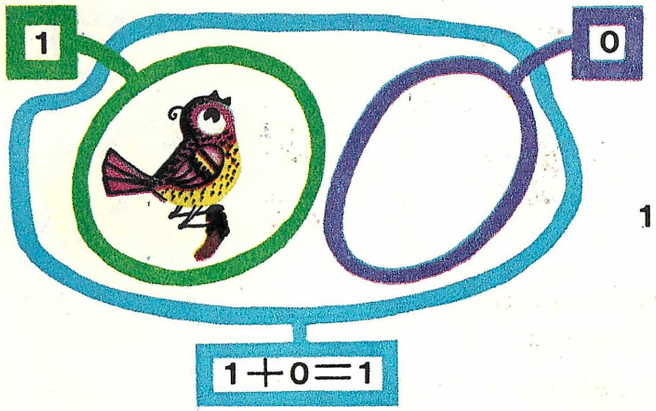


3 + 2
5
5 = 3 + 2



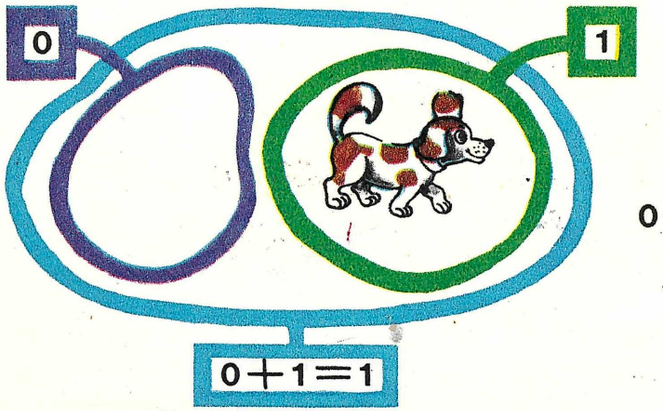
2 + 3
5
5 = 2 + 3

0 + 0



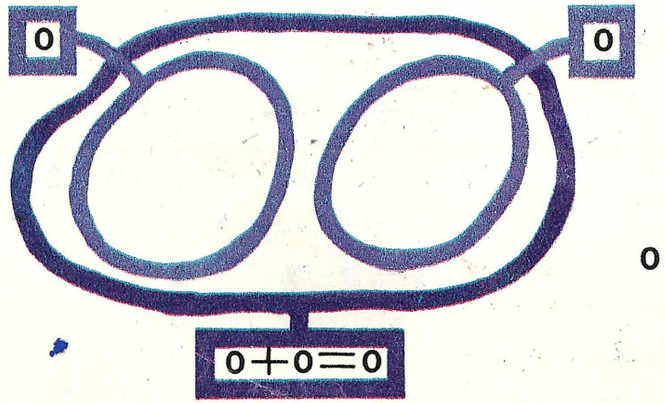
1 + 0 = 1

1 = 1 + 0



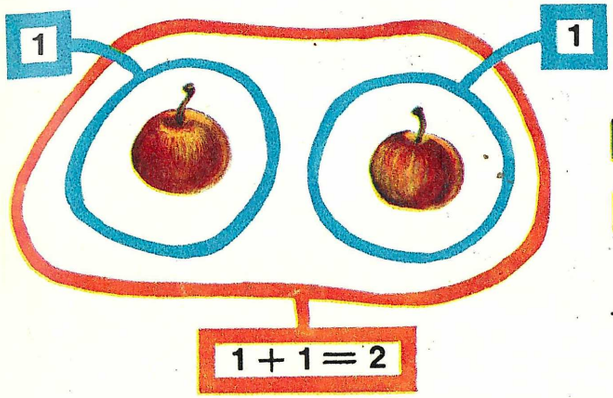
0 + 1 = 1

1 = 0 + 1



0 + 0 = 0

1 + 1

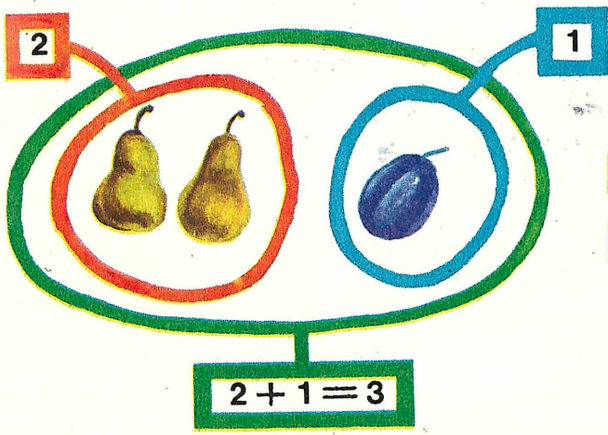


1 + 1

2

1 + 1 = 2

2 = 1 + 1

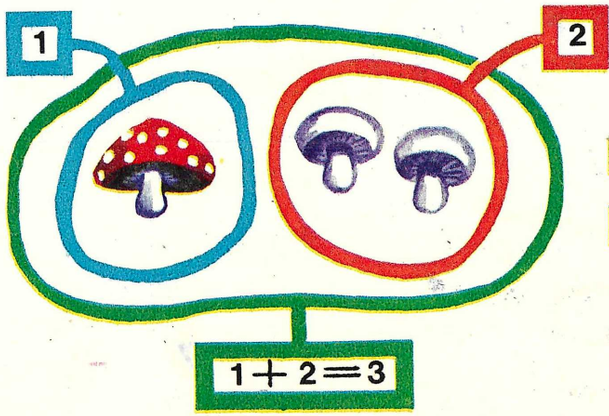


2 + 1

3

2 + 1 = 3

3 = 2 + 1

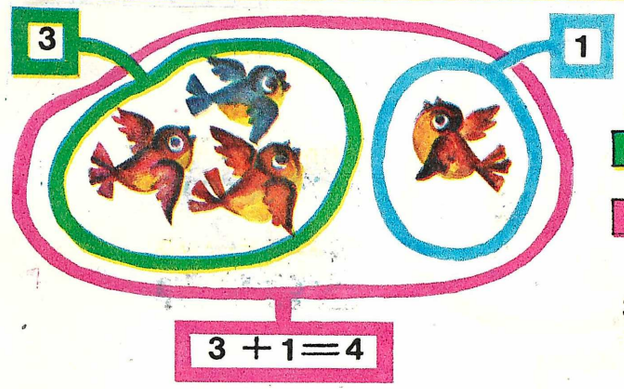


1 + 2

3

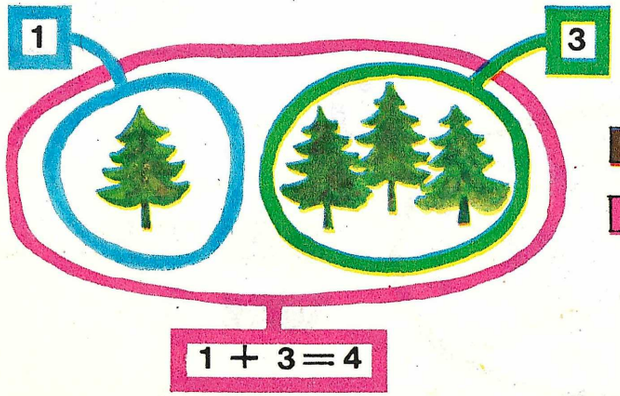
1 + 2 = 3

3 = 1 + 2



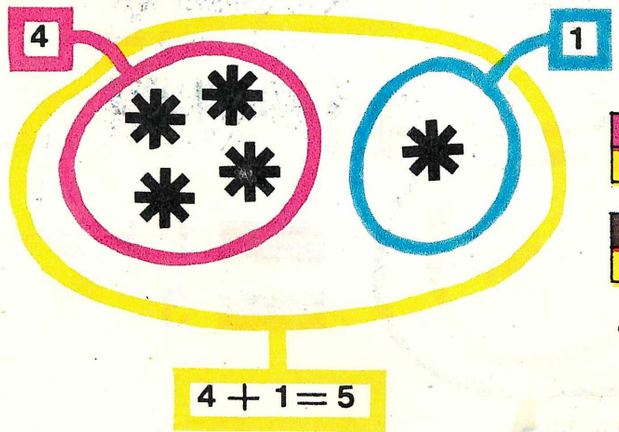
3 + 1 = 4

4 = 3 + 1



1 + 3 = 4

4 = 1 + 3

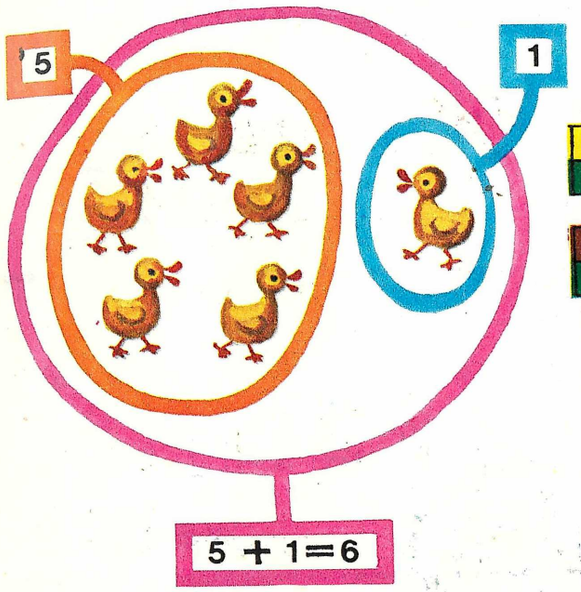


4 + 1 = 5

5 = 4 + 1

1 + 4 = 5

5 = 1 + 4

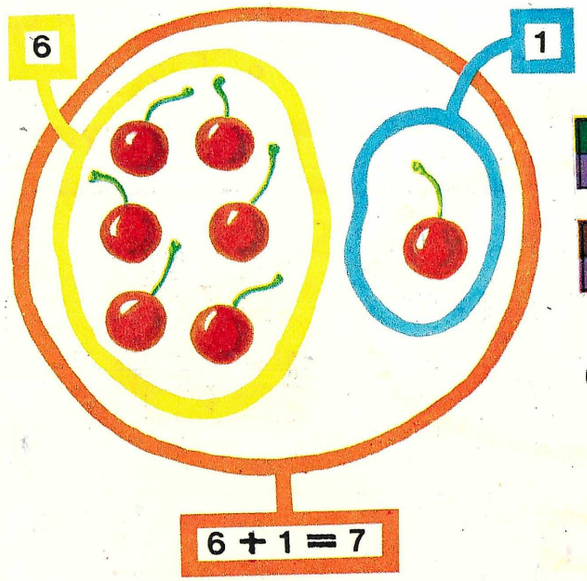


5 + 1 = 6

6 = 5 + 1

1 + 5 = 6

6 = 1 + 5



6 + 1 = 7

7 = 6 + 1

1 + 6 = 7

7 = 1 + 7



7 + 1
8

7 + 1 = 8

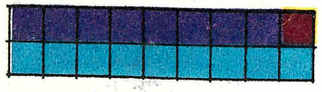
8 = 7 + 1



1 + 7
8

1 + 7 = 8

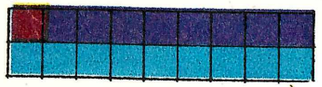
8 = 1 + 7



8 + 1
9

8 + 1 = 9

9 = 8 + 1



1 + 8
9

1 + 8 = 9

9 = 1 + 8



9 + 1
10

9 + 1 = 10

10 = 9 + 1



1 + 9
10

1 + 9 = 10

10 = 1 + 9

1+0= 9

1+1= 2

2+1= 3

1+2= 3

3+1= 4

1+3= 4

4+1= 5

1+4= 5

5+1= 6

1+5= 6

6+1= 7

1+6= 7

7+1= 8

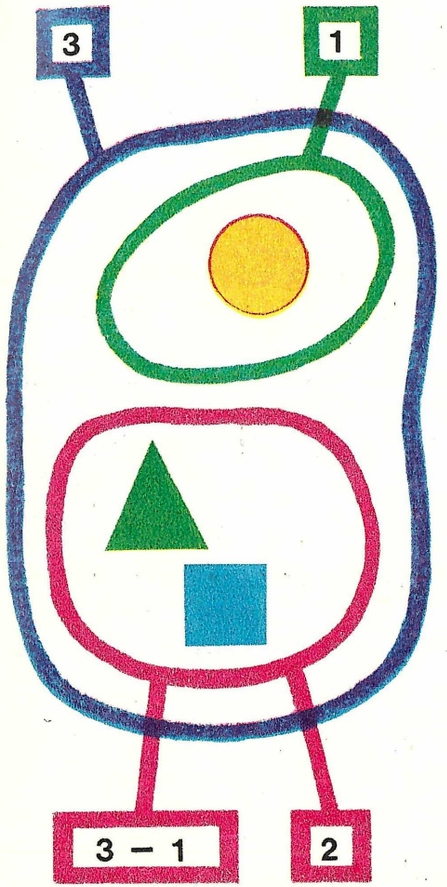
1+7= 8

8+1= 9

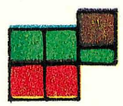
1+8= 9

9+1= 10

1+9= 10

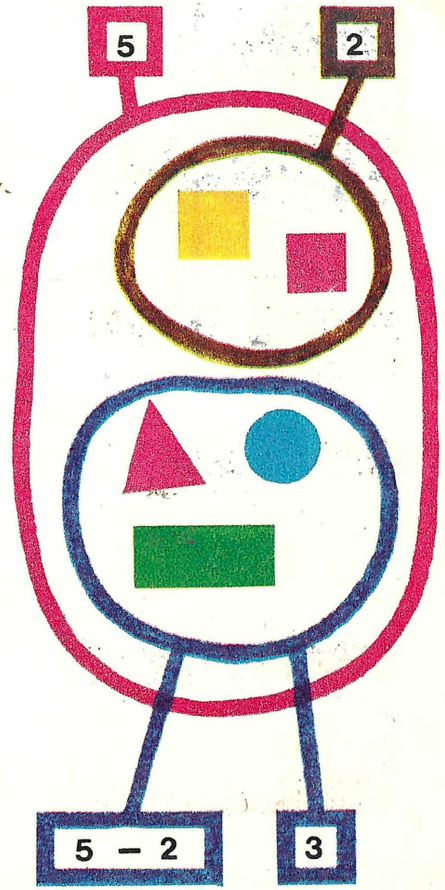


3 – 1 = 2

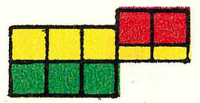


3 – 1
2

3 – 1 = 2



5 – 2 = 3



5 – 2
3

5 – 2 = 3

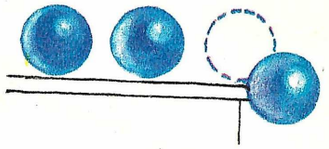
1 — 1



1 − 1 = 0
0 = 1 − 1



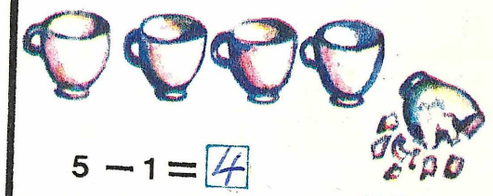
2 − 1 = 1
1 = 2 − 1



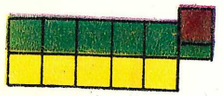
3 − 1 = 2
2 = 3 − 1



4 − 1 = 3
3 = 4 − 1



5 − 1 = 4
4 = 5 − 1



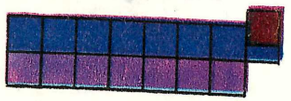
6 − 1
5

6 − 1 = 5
5 = 6 − 1



7 − 1
6

7 − 1 = 6
6 = 7 − 1



8 − 1
7

8 − 1 = 7
7 = 8 − 1



9 − 1
8

9 − 1 = 8
8 = 9 − 1



10 − 1
9

10 − 1 = 9
9 = 10 − 1

1−1= 0	0= 1− 1	0+1= 1
2−1= 1	1= 2− 1	1−1= 0
3−1= 2	2= 3− 1	1+1= 2
4−1= 3	3= 4− 1	2−1= 1
5−1= 4	4= 5− 1	2+1= 3
6−1= 5	5= 6− 1	3−1= 2
7−1= 6	6= 7− 1	3+1= 4
8−1= 7	7= 8− 1	4−1= 3
9−1= 8	8= 9− 1	4+1= 5
10−1= 9	9=10− 1	5−1= 4

5+1= 6	9+ 1 = 10	7 + 1 = 8
6−1= 5	10− 1 = 9	8 − 1 = 7
6+1= 7	9+ 1 = 10	1 + 7 = 8
7−1= 6	10− 1 = 9	7 + 1 = 8
7+1= 8	9 + 1 = 10	1 + 7 = 8
8−1= 7	10= 9 + 1	8 − 1 = 7
8+1= 9	10= 9 + 1	7 + 1 = 8
9−1= 8	1+ 9 = 10	8 = 7 + 1
9+1= 10	10= 1 + 9	8 = 1 + 7
10−1= 9 9		

2 + 2



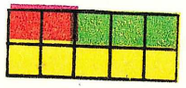
2+2
4

2+2= 4
4=2+ 2



3+2
5

3+2= 5
5=3+ 2



2+3
5

2+3= 5
5=2+ 3



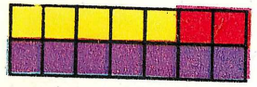
4+2
6

4+2= 6
6=4+ 2



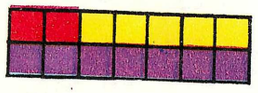
2+4
6

2+4= 6
6=2+ 4



5+2
7

5+2= 7
7=5+ 2



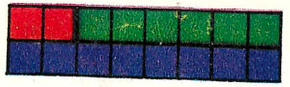
2+5
7

2+5= 7
7=2+ 5



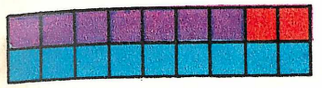
6+2
8

6+2= 8
8=6+ 2



2+6
8

2+6= 8
8=2+ 6



7+2
9

7+2= 9
9=7+ 2



2+7
9

2+7= 9
9=2+ 7



8+2
10

8+2= 10
10=8+ 2



2+8
10

2+8= 10
10=2+ 8

2+2= 4
3+2= 5
2+3= 5
4+2= 6
2+4= 6

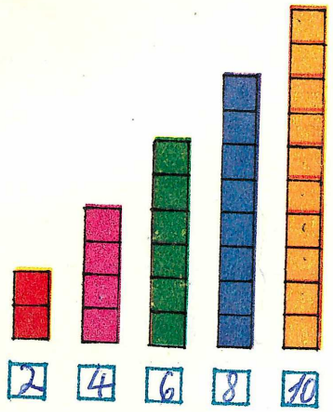
5+2= 7
2+5= 7
6+2= 8
2+6= 8

7+2= 9
2+7= 9
8+2= 10
2+8= 10

4=2+ 2
5=3+ 2
5=2+ 3
6=4+ 2
6=2+ 4

7=5+ 2
7=2+ 5
8=6+ 2
8=2+ 6

9=7+ 2
9=2+ 7
10=8+ 2
10=2+ 8



2+2= 4

4+2= 2 6

6+2= 8

8+2= 10

3=1+ 2

3=2+ 1

4=2+ 2

4=3+ 1

4=1+ 3

5=3+ 2

5=2+ 3

5=4+ 1

5=1+ 4

5=5+ 0

6=5+ 1

6=1+ 5

6=4+ 2

6=2+ 4

6=6+ 0

7=5+ 2

7=2+ 5

7=6+ 1

7=1+ 6

7=7+ 0

9=7+ 2

9=2+ 7

9=8+ 1

9=1+ 8

9=0+ 9

5 + 2 = 7

2 + 4 = 6

2 + 4 = 5

4 + 2 = 9

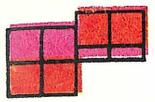
9 + 1 =10

2 — 2



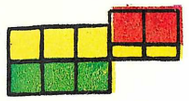
3−2
1

3−2=1
1=3−2



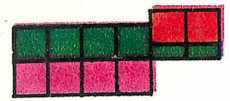
4−2
2

4−2=2
2=4−2



5−2
3

5−2=3
3=5−2



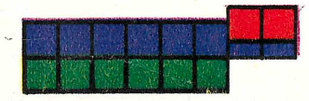
6−2
4

6−2=4
4=6−2



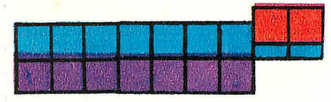
7−2
5

7−2=5
5=7−2



8−2
6

8−2=6
6=8−2



9−2
7

9−2=7
7=9−2



10−2
8

10−2=8
8=10−2

3−2= 1

4−2= 2

5−2= 3

6−2= 2

7−2= 5

8−2= 6

9−2= 7

10−2= 8

1=3− 2

2=4− 2

3=5− 2

4=6− 5

5= 7− 6

6= 8− 2

7= 9− 2

8=10− 2

1+2= 3	4+2= 6	7+2= 9
3−2= 1	6−2= 4	9−2= 7
2+2= 4	5+2= 7	8+2= 10
4−2= 2	7−2= 5	10−2= 8
3+2= 5	6+2= 8	0+2= 2
5−2= 3	8−2= 6	2−0= 2

0+0= 0	0−0= 0	0+3= 3
0+1= 1	1−0= 1	3+0= 3
1+0= 1	2−0= 2	0+4= 4
0+2= 2	1−1= 0	4+0= 4
2+0= 2	2−2= 0	0+5= 5

0+1= 1	0+2= 2	1+ 1 = 2
1−0= 1	2−0= 2	2− 1 = 1
1−1= 0	2−2= 0	2− 1 = 1

5 сил

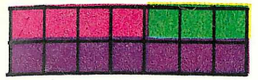
0+6= 6	0+ 8= 8	3−0= 3
6+0= 6	8+ 0= 8	4−0= 4
0+7= 7	0+10= 10	7−0= 7
7+0= 7	10+ 0= 10	10−0= 10

3 + 3



3+3
6

3+3=6
6=3+3



4+3
7

4+3= 7
7=4+ 3



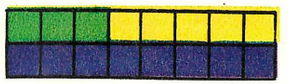
3+4
7

3+4= 7
7=3+ 4



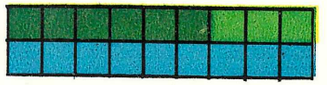
5+3
8

5+3= 8
8=5+ 3



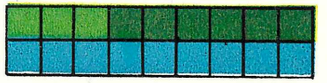
3+5
8

3+5= 8
8=3+ 5



6+3
9

6+3= 9
9=6+ 3



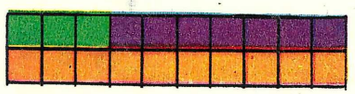
3+6
9

3+6= 9
9=3+ 6



7+3
10

7+3= 10
10=7+ 3



3+7
10

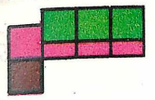
3+7= 10
10=3+ 7

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

4+3= 7 ✓	5−2= 3 ✓	2+6= 8 ✓
8−2= 6 ✓	10−2= 8 ✓	8−2= 6 ✓
3+3= 6 ✓	0+3= 3 ✓	7+3= 10 ✓
1+2= 3 ✓	6+0= 6 ✓	9−2= 7 ✓
7+2= 9 ✓	6+3= 9 ✓	6+1= 7 ✓

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

4 − 3



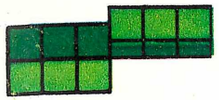
4−3
1

4−3=1
1=4−3



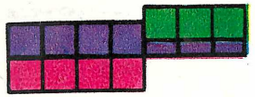
5−3
2

5−3=2
2=5−3



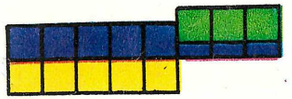
6−3
3

6−3= 3
3=6− 3



7−3
4

7−3= 4
4=7− 3



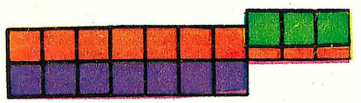
8−3
5

8−3= 5
5=8− 3



9−3
6

9−3= 6
6=9− 3



10−3
7

10−3= 7
7=10− 3

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

0+3= 3	3+3= 6	6+3= 9
3−3= 0	6−3= 3	9−3= 6
1+3= 4	4+3= 7	7+3= 10
4−3= 1	7−3= 4	10−3= 7
2+3= 5	5+3= 8	8+2= 10
5−3= 2	8−3= 5	7+3= 10

3+1= 4	8−3= 5	8=6+ 2
2+4= 6	6+3= 9	6=9− 3
3+7= 10	7−3= 4	9=7+ 2
6+2= 8	9−1= 8	10=3+ 7
3+5= 8	3+0= 3	4=7− 3

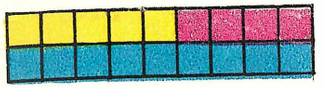
3−3= 0	1+3= 4	4 + 3 = 7
4−3= 1	4−3= 1	7 − 3 = 4
5−3= 2	4−1= 3	5 + 3 = 8
6−3= 3	2+3= 5	8 − 3 = 5
7−3= 4	5−3= 2	6 + 3 = 9
8−3= 5	5−2= 3	9 − 3 = 6
9−3= 6	3+3= 6	7 + 3 = 10
10−3= 7	3−3= 0	10 − 3 = 7

4 + 4



4+4
8

4+4=8
8=4+4



5+4
9

5+4= 9
9=5+ 4



4+5
9

4+5= 9
9=4+ 5



6+4
10

6+4= 10
10=6+ 4



4+6
10

4+6= 10
10=4+ 6



5+5
10

5+5= 10
10=5+ 5

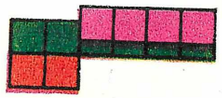
1+4= 5	3+4= 7	4+5= 9	6=2+ 4
4+1= 5	4+3= 7	6+4= 10	8=4+ 4
2+4= 6	4+4= 8	4+6= 10	5=1+ 4
4+2= 6	5+4= 9	5+5= 10	7=3+ 4

[4] — 4



5−4
1

5−4=1
1=5−4



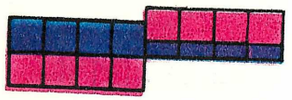
6−4
2

6−4=[2]
2=6−[4]



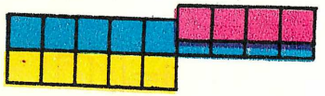
7−4
3

7−4=[3]
3=7−[4]



8−4
4

8−4=[4]
4=8−[4]



9−4
5

9−4=[5]
5=9−[4]



10−4
6

10−4=[6]
6=10−[4]

5−4=[1] 8−4=[4] 1=5−[4] 4=8−[4]

6−4=[2] 9−4=[5] 2=6−[4] 5=9−[4]

7−4=[3] 10−4=[6] 3=7−[4] 6=10−[4]

0+4=[4] 2+4=[6] 4+4=[8]

4−4=[0] 6−4=[2] 8−4=[4]

1+4=[5] 3+4=[7] 5+4=[9]

5−4=[1] 7−4=[3] 9−4=[5]

1+[6]=7 8+[2]=10 10−[2]=8

2+[5]=7 7+[3]=10 10−[3]=7

3+[4]=7 6+[4]=10 10−[4]=6

0+4=[4] 2+4=[6] 4+4=[8]

4−0=[4] 6−2=[4] 8−[4]=4

4−4=[0] 6−4=[2] 5+[4]=9

4+1=[5] 4+3=[7] 9−4=[5]

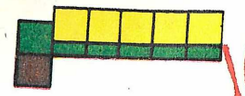
5−1=[4] 7−3=[4] 4+6=[10]

5−4=[1] 7−4=[3] 10−4=[6]

10+0=[10] 4+0=[4] 7+0=[7]

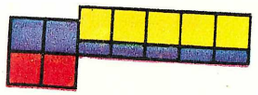
10−0=[10] 4−0=[4] 7−0=[7]

6 — 5



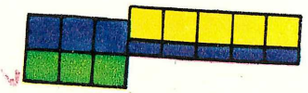
6−5
1

6−5=1
1=6−5



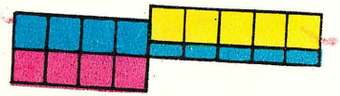
7−5
2

7−5=2
2=7−5



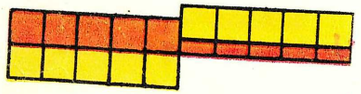
8−5
3

8−5=3
3=8−5



9−5
4

9−5=4
4=9−5



10−5
5

10−5=5
5=10−5

6−5= 1 | 1= 6− 5 | 1+5= 6 | 8−5= 3

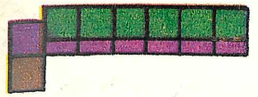
7−5= 2 | 2= 7− 5 | 6−5= 1 | 4+5= 9

8−5= 3 | 3= 8− 5 | 2+5= 7 | 9−5= 4

9−5= 4 | 4= 9− 5 | 7−5= 2 | 5+5= 10

10−5= 5 | 5=10− 5 | 3+5= 8 | 10−5= 5

6 — 6



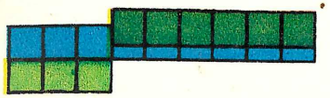
7−6
1

7−6=1
1=7−6



8−6
2

8−6=2
2=8−6



9−6
3

9−6=3
3=9−6



10−6
4

10−6=4
4=10−6

1+6=7 | 2+6=8 | 3+6=9 | 4+6=10

7−6=1 | 8−6=2 | 9−6=3 | 10−6= 4

1=7−6 | 3= 9−6 | 6−6=0 | 8−6=2

2=8−6 | 4=10−6 | 9−6=3 | 7−6=1

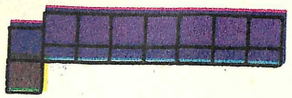
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4 + 5 = 9 | 2 + 6 = 8 | 6 + 4 = 10

9 − 4 = 4 | 8 − 6 = 2 | 10 − 6 = 4

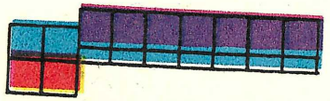
1 − 4 = 5 | 4 − 2 = 6 | 10 − 5 = 5

7 − 7 8 − 8 9 − 9



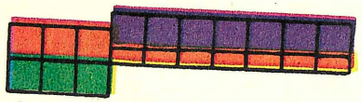
8−7
1

8−7=1
1=8−7



9−7
2

9−7=2
2=9−7



10−7
3

10−7=3
3=10−7

1+7=8
8−7=1

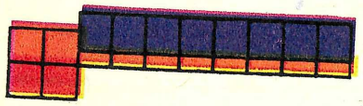
2+7=9
9−7=2

3+7=10
10−7=3



9−8
1

9−8=1
1=9−8



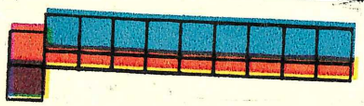
10−8
2

10−8=2
2=10−8

1+8=9
9−8=1

2+8=10
10−8=2

1=9−8
2=10−8



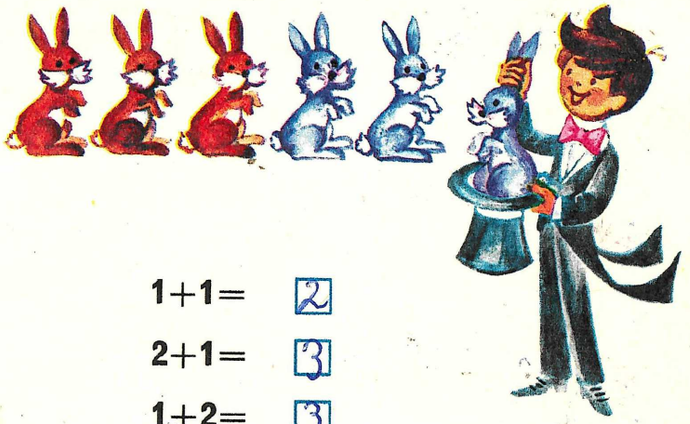
10−9
1

1+9=10
10−9=1

10−9=1

1=10−9

Tabla adunării



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

3+3= 6

4+3= 7

3+4= 7

5+3= 8

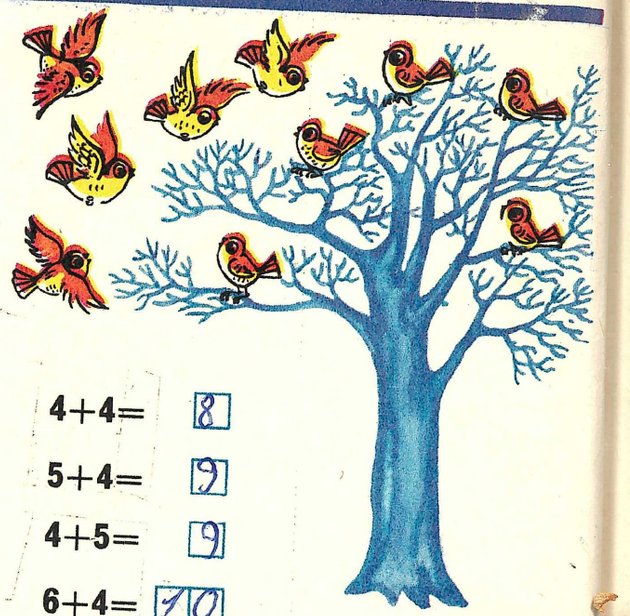
3+5= 8

6+3= 9

3+6= 9

7+3= 10

3+7= 10



4+4= 8

5+4= 9

4+5= 9

6+4= 10

4+6= 10

5+5= 10

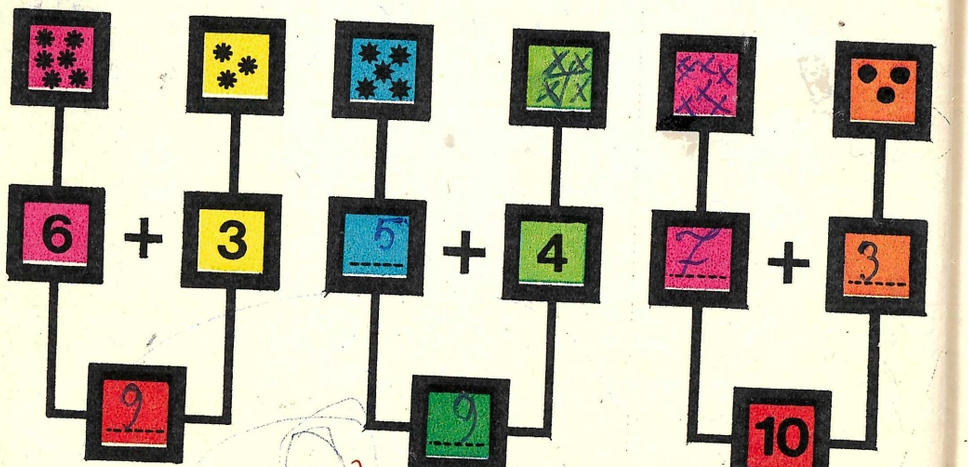


Tabla scăderii

0−0= 0

1−0= 1 1−1= 0

2−0= 2 2−1= 1 2−2= 0

3−0= 3 3−1= 2 3−2= 1 3−3= 0

4−0= 4 4−1= 3 4−2= 2 4−3= 1

5−0= 5 5−1= 4 5−2= 3 5−3= 2

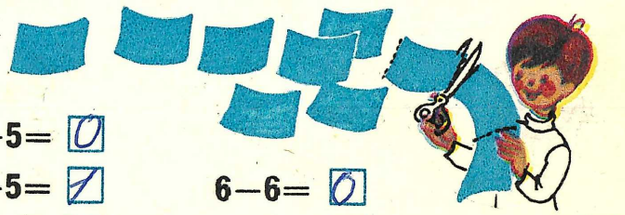
6−0= 6 6−1= 5 6−2= 4 6−3= 3

7−0= 7 7−1= 6 7−2= 5 7−3= 4

8−0= 8 8−1= 7 8−2= 6 8−3= 5

9−0= 9 9−1= 8 9−2= 7 9−3= 6

10−0= 10 10−1= 9 10−2= 8 10−3= 7



4−4= 0

5−4= 1 5−5= 0

6−4= 2 6−5= 1 6−6= 0

7−4= 3 7−5= 2 7−6= 1 7−7= 0

8−4= 4 8−5= 3 8−6= 2 8−7= 1

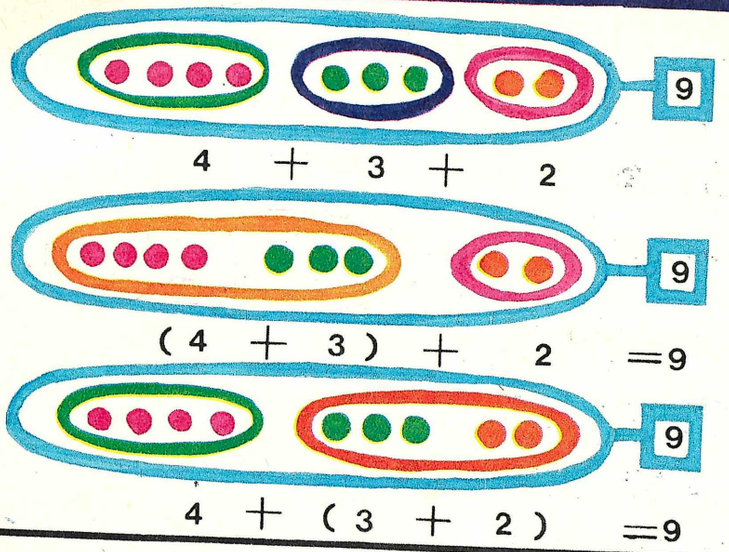
9−4= 5 9−5= 4 9−6= 3 9−7= 2

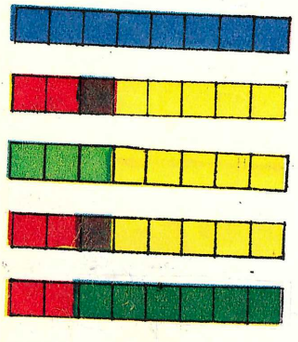
10−4= 6 10−5= 5 10−6= 4 10−7= 3

8−8= 0

9−8= 1 9−9= 0

10−8= 2 10−9= 1 10−10= 0





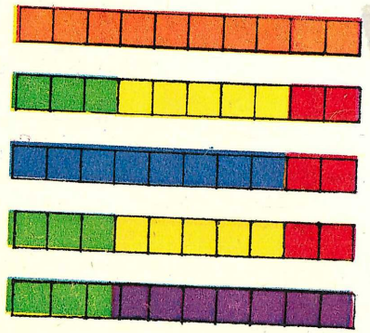
8

(2+1)+5= 8

3 +5= 8

2+(1+5)= 8

2 + 6= 8



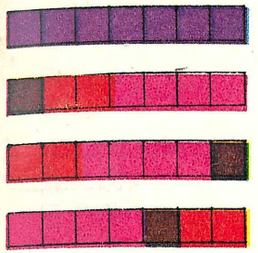
10

(3+5)+2= 10

2 +2= 10

3+(5+2)= 10

3+ 7 = 10

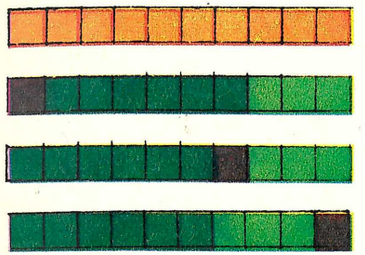


7

7=1+2+4

7=2+4+1

7=4+1+2

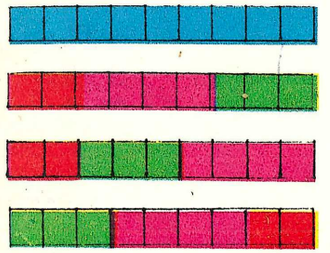


10

10= 1 + 6 + 3

10= 6+ 1+ 3

10= 6+ 3+ 1



9

9= 2 + 4 + 3

9= 2+ 3+ 1

9= 3+ 5+ 2

1+2+3= 6

3+2+1= 6

2+3+1= 6

1+3+2= 6

3+1+2= 6

2+1+3= 6

5+2+ 3 = 10

3+2+ 5 = 10

5+3+ 2 = 10

3+5+ 2 = 10

2+3+ 5 = 10

2+5+ 3 = 10

1+ 4 + 2 = 7

4+ 3 + 1 = 7

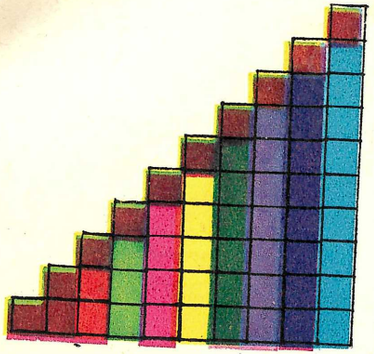
2+ 3 + 2 = 7

2+ 2 + 3 = 7

4+ 1 + 2 = 7

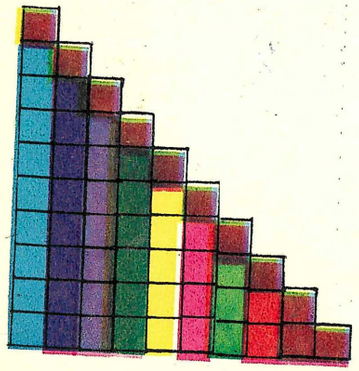
1+ 4 + 2 = 7

„<“ „>“



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

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



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

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

3+1=4

3<4

4=3+1

4>3

6+1=7

6<7

7=6+1

7>6

8+1=9

8<9

9=8+1

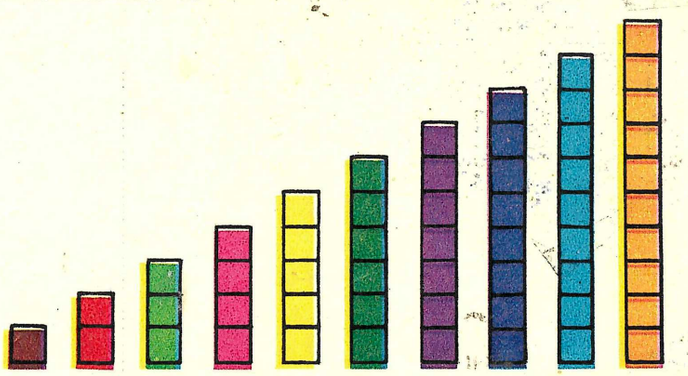
9>8

9+1=10

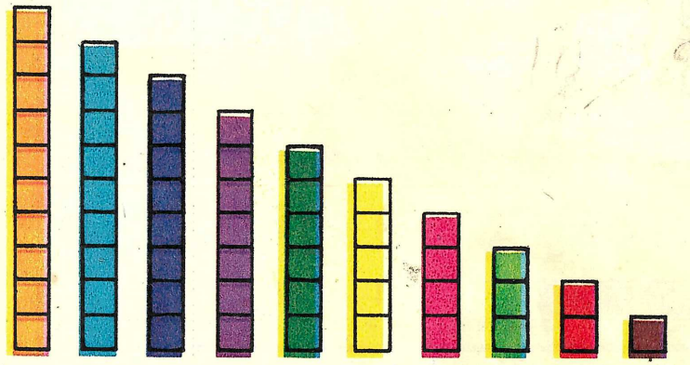
9<10

10=9+1

10>9

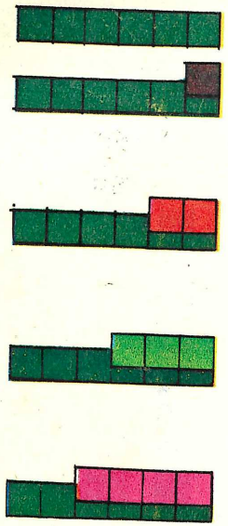


0<1<2<3<4<5<6<7<8<9<10



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

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



$6-0=6$

$6-1<6$

$5<6$

$6-2<6$

$4 \square 6$

$6-3<6$

$3 \square 6$

$6-4<6$

$2 \square 6$

$8-0=8$

$8-1<8$

$7 \square 8$

$8-2 \square 8$

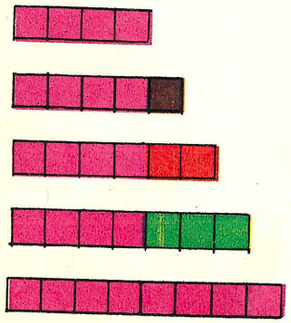
$6 \square 8$

$8-5 \square 8$

$3 \square 8$

$8-7 \square 8$

$1 \square 8$



$4+0=4$

$4+1>4$

$4+2>4$

$4+3>4$

$4+4>4$

$5>4$

$6>4$

$\square>4$

$\square>4$

$3 \square 7$

$2 \square 5$

$4 \square 1$

$9 \square 3$

$6<6+2$

$7>7-1$

$5 \square 5+3$

$8 \square 8-2$

$3+4>5$

$6-2 \square 3$

$5+3 \square 9$

$1+0 \square 1$

$7 \square 2$

$0 \square 4$

$3 \square 1$

$6 \square 6$



$3+2 < 3+3$ $\quad 1+4 > 1+2$

$6+2>5+1$

$7-3 \square 2+1$

$9+1 \square 6+3$

$4+6=8+2$

$9-3 \square 8+1$

$8-4 \square 3+1$

$2+1<3+1$

$4+2 \square 5+3$

$3+4 \square 5+2$

$2+2<6$

$2+3 \square 6$

$2+4 \square 6$

$2+5 \square 6$

$8-1>5$

$8-2 \square 5$

$8-3 \square 5$

$8-4 \square 5$

$3+1<6$

$3+2 \square 6$

$3+3 \square 6$

$3+4 \square 6$

$9-1>4+3$

$9-2 \square 4+3$

$9-3 \square 4+3$

$10-5>2+2$

$10-6 \square 2+2$

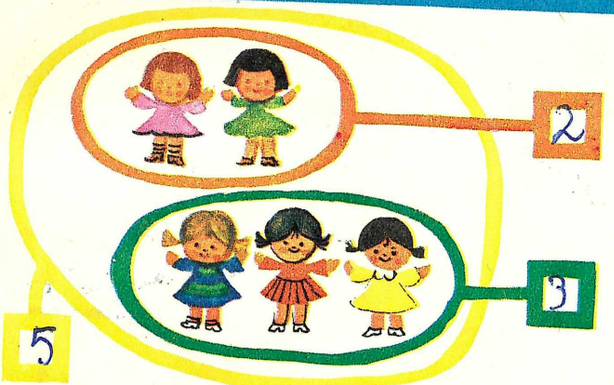
$10-7 \square 2+2$

$7-1 \square 4+1$

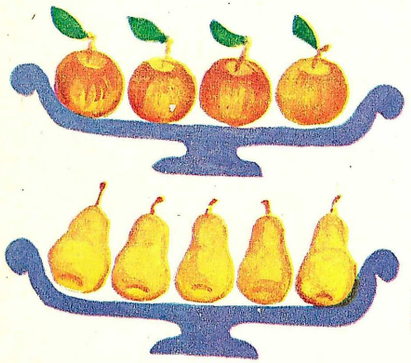
$7-2 \square 4+1$

$7-3 \square 4+1$

Probleme

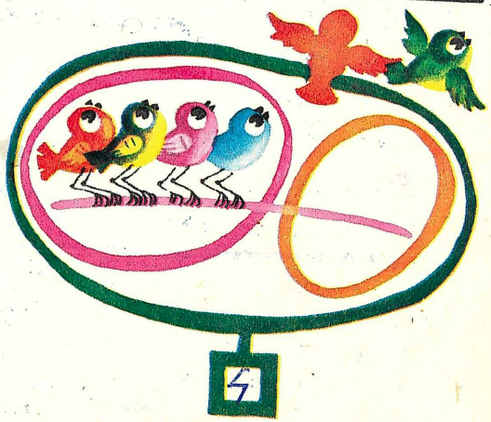


2 + 3 = 5



5 + 5 = 9

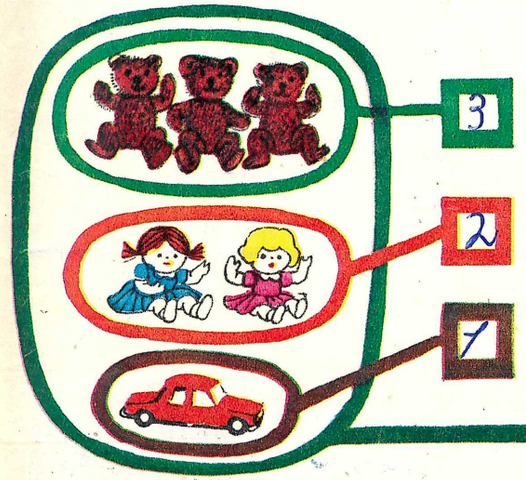




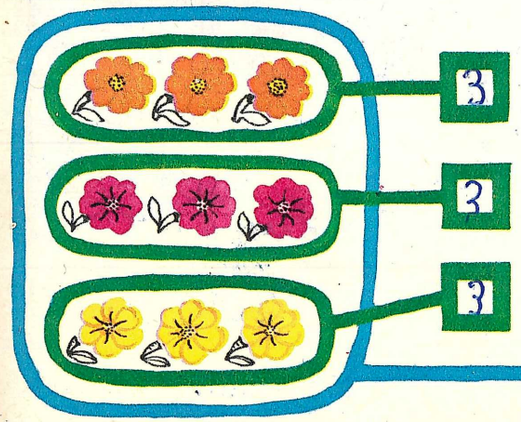
6 − 2 = 5


5

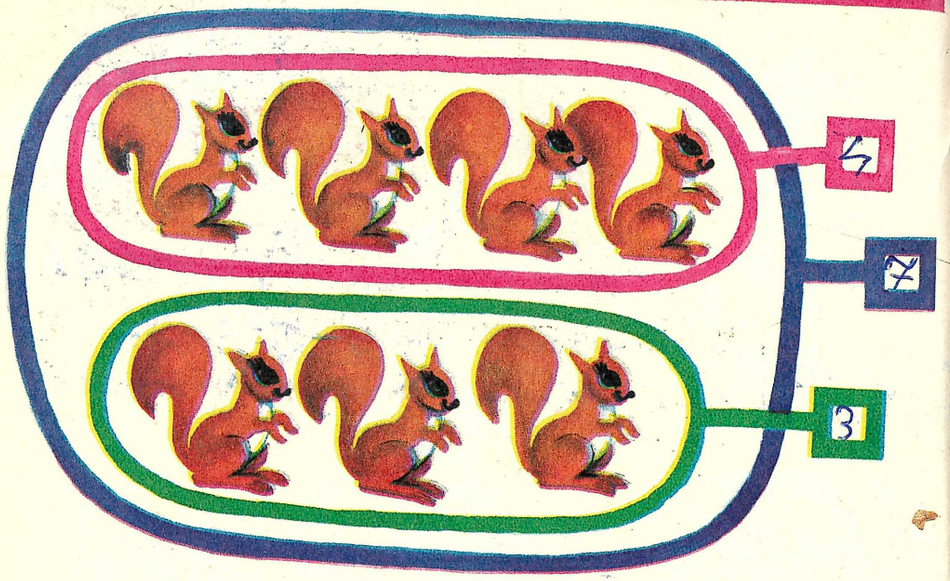

5 − 2 = 3



3 + 2 + 1 = 6



3 + 3 + 3 = 9



4 + 3 = 7

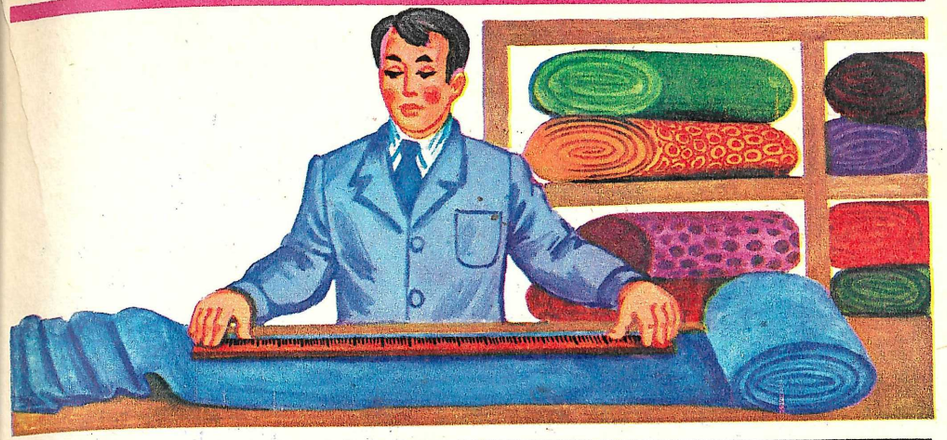


7



7 - 5 = 2

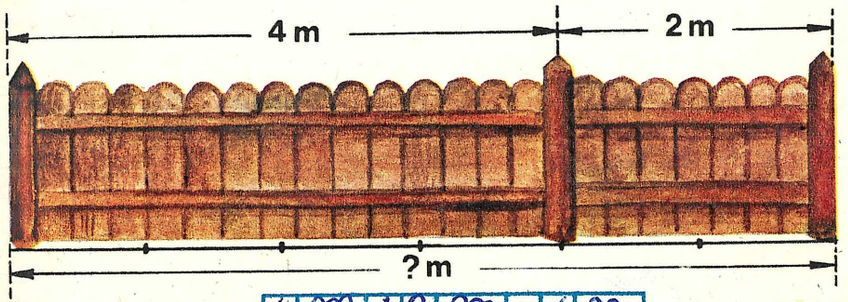
Metrul



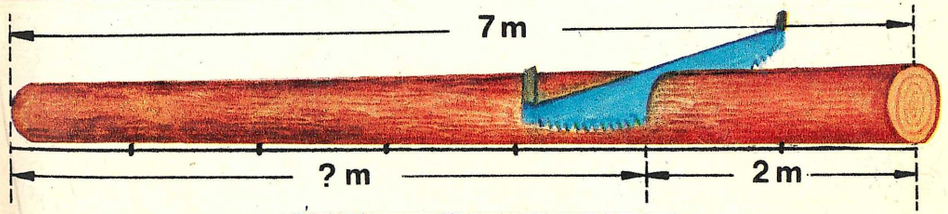
1 metru ⟶ 1 m 3 metri ⟶ 3 m

3 m + 2 m = 5 m 10 m − 5 m = 5 m

5 m + 3 m = 8 m 8 m − 4 m = 4 m



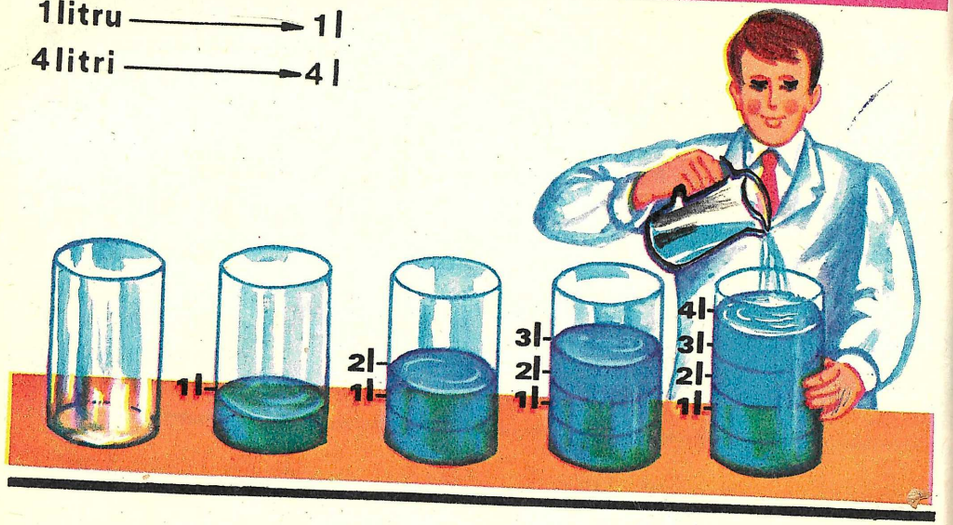
4 m + 2 m = 6 m



7 m - 2 m = 5 m

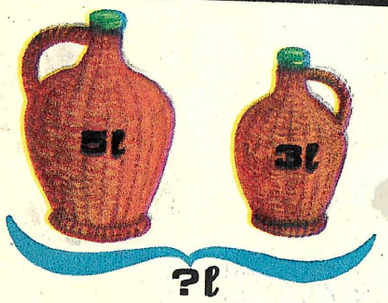
Litrul

1 litru ——→ 1 l
4 litri ——→ 4 l

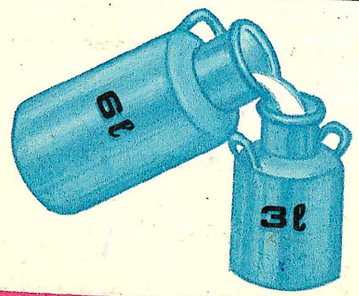


3 l + 4 l = 7 l
4 l + 2 l = 6 l
2 l + 3 l = 5 l

10 l − 5 l = 5 l
8 l − 6 l = 2 l
5 l − 5 l = 0 l



5 l + 3 l = 8 l



6 l − 3 l = 3 l

Leul



1 leu



3 lei





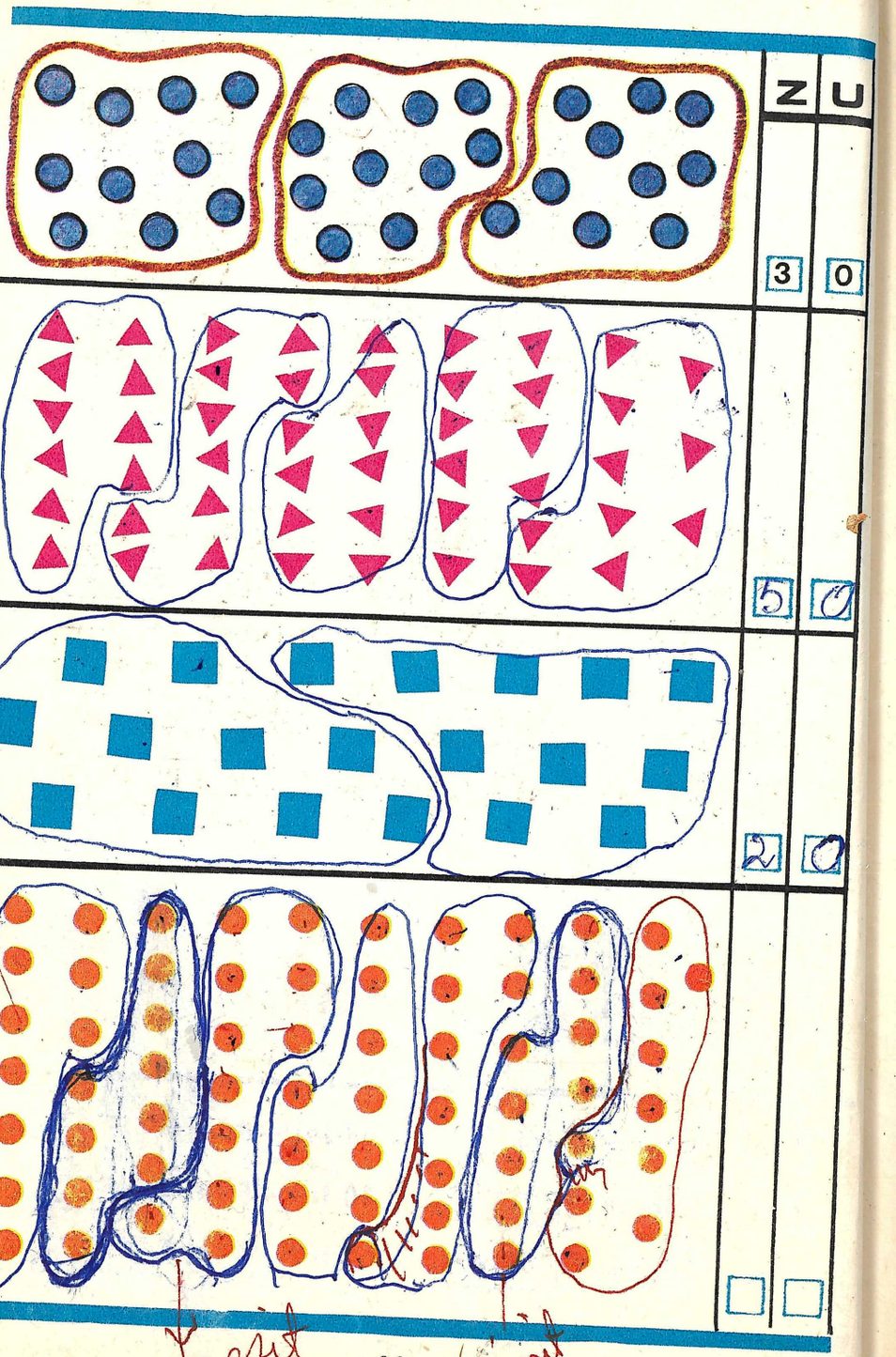
5 lei



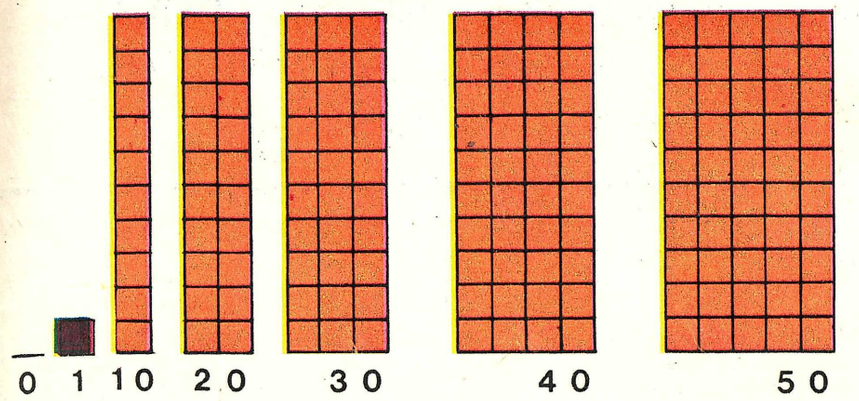
10 lei

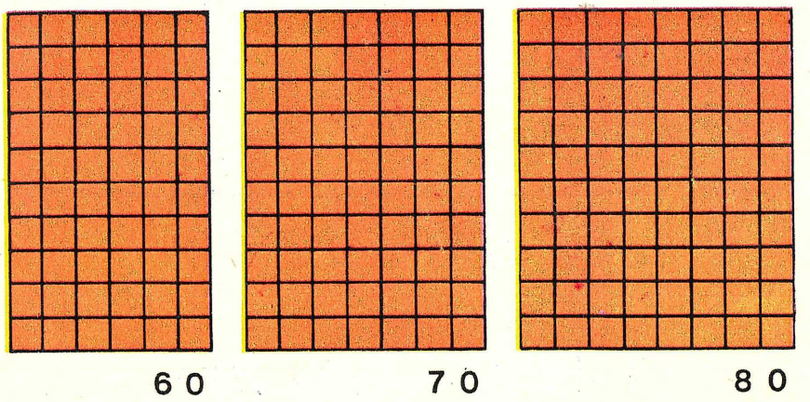
4 lei + 5 lei = 9 lei
3 lei + 2 lei = 5 lei
5 lei + 3 lei = 8 lei

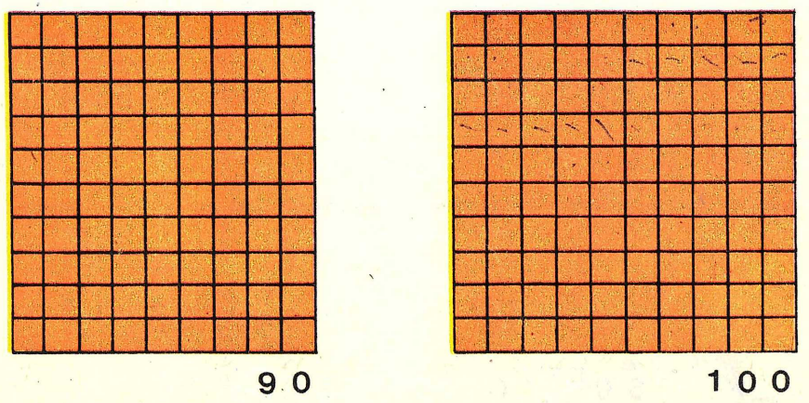
8 lei − 6 lei = 2 lei
10 lei − 5 lei = 5 lei
7 lei − 4 lei = 3 lei



0 ... 100







10 + 10

1 + 1 = 2	2 = 1 + 1
10 + 10 = 20	20 = 10 + 10
10 < 20	20 > 10

2 + 1 = 3	3 = 2 + 1
20 + 10 = 30	30 = 20 + 10
20 < 30	30 > 20

3 + 1 = 4	4 = 3 + 1
30 + 10 = 40	40 = 30 + 10
30 < 40	40 > 30

4 + 1 = 5	5 = 4 + 1
40 + 10 = 50	50 = 40 + 10
40 < 50	50 > 40

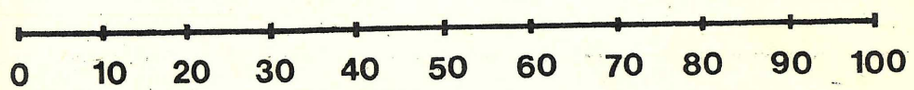
5 + 1 = 6	6 = 5 + 1
50 + 10 = 60	60 = 50 + 10
50 < 60	60 > 50

6 + 1 = 7	7 = 6 + 1
60 + 10 = 70	70 = 60 + 10
60 < 70	70 > 60

7 + 1 = 8	8 = 7 + 1
70 + 10 = 80	80 = 70 + 10
70 < 80	80 > 70

8 + 1 = 9	9 = 8 + 1
80 + 10 = 90	90 = 80 + 10
80 < 90	90 > 80

9 + 1 = 10	10 = 9 + 1
90 + 10 = 100	100 = 90 + 10
90 < 100	100 > 90

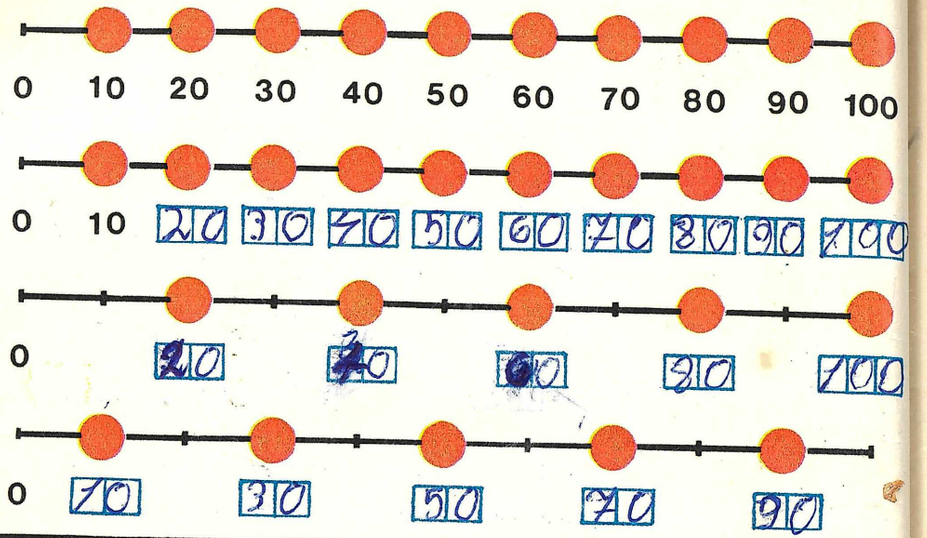


10 < 20 < 30 < 40 < 50 < 60 < 70 < 80

80 < 90 < 100

100 > 90 > 80 > 70 > 60 > 50 > 40 > 30

30 > 20 > 10



0 10 20 30 40 50 60 70
80 90 100

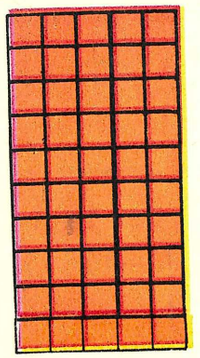
100 90 80 70 60 50 40
30 20 10 0

10 < 20	70 < 80	100 > 90
20 < 30	80 < 90	70 > 60
30 < 40	90 < 100	40 < 50
40 < 50	30 < 50	30 > 10
50 < 60	70 < 100	80 > 70
60 < 70	10 < 40	50 > 40

... + ... − ...



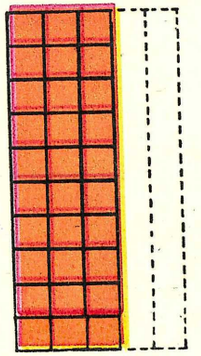
3 + 2 = 5



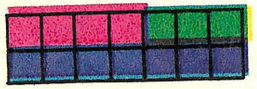
30 + 20 = 50



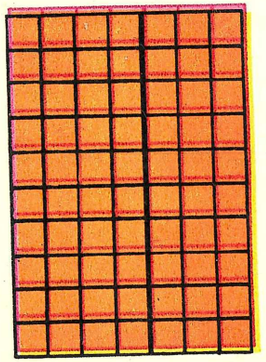
5 − 2 = 3



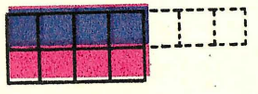
50 − 20 = 30



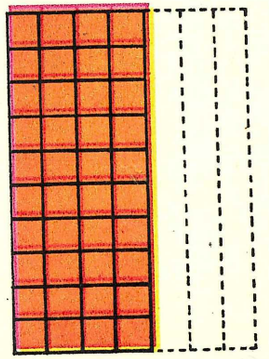
4 + 3 = 7



40 + 30 = 70



7 − 3 = 4



70 − 30 = 40

1 + 1 = 2 5 − 4 = 1 2 + 4 = 6

10 + 10 = 20 50 − 40 = 10 20 + 40 = 60

1+ 1= 2
10+10=20

2− 1= 1
20−10=10

20=10+10
10=20−10

2+ 1= 3
20+10= 30

3− 1= 2
30−10= 20

30=20+ 10
20=30− 10

3+ 1= 4
30+10= 40

4− 1= 3
40−10= 30

40=30+ 10
30=40− 10

4+ 1= 5
40+10= 50

5− 1= 4
50−10= 40

50=40+ 10
40=50− 10

5+ 1= 6
50+10= 60

6− 1= 5
60−10= 50

6+ 1= 7
60+10= 70

7− 1= 6
70−10= 60

7+ 1= 8
70+10= 80

8− 1= 7
80−10= 70

8+ 1= 9
80+10= 90

9− 1= 8
90−10= 80

9+ 1= 10
90+10= 100

10− 1= 9
100−10= 90

100= 90+ 10
90=100− 10

2+ 2= 4
20+20= 40

2− 2= 0
20−20= 0

4+ 2= 6
40+20= 60

6− 2= 4
60−20= 40

8+ 2= 10
80+20= 100

10− 2= 8
100−20= 80

7+ 2= 9
70+20= 90

9− 2= 7
90−20= 70

4+ 3= 7
40+30= 70

7− 3= 4
70−30= 40

6+ 4= 10
60+40= 100

10− 4= 6
100−40= 60

100= 60+ 40
60=100− 40

4+ 2+ 3= 9
40+20+30= 90

3+ 5+ 2= 10
30+50+20= 100

8− 3− 1= 4
80−30−10= 40

9− 4− 3= 2
90−40−30= 20

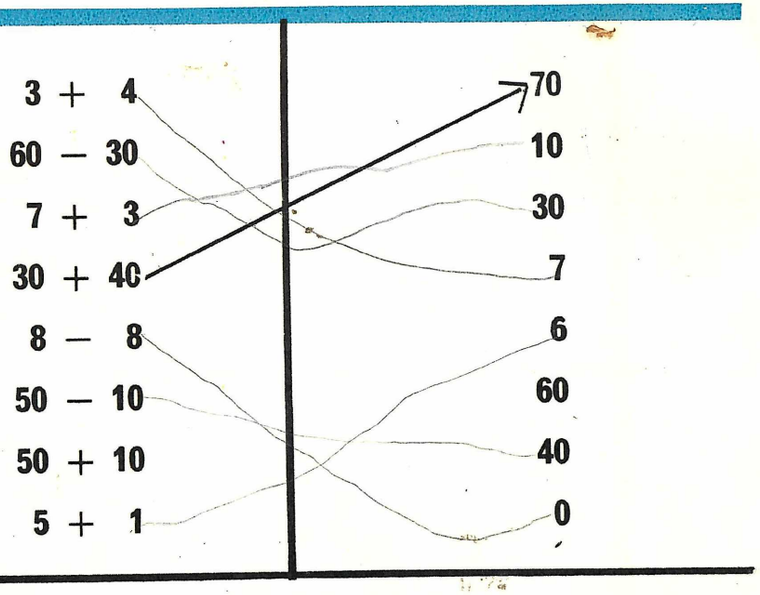
4+ 2− 3= 3
40+20−30= 30

5+ 4− 2= 7
50+40−20= 70

7+ 1 = 8
70+ 10 =80

6− 2 = 4
60− 20 =40

5+ 4 = 9
50+ 40 =90



30+20−10= 40
20−10+90= 100
70+30−50= 50
70−40+50= 80

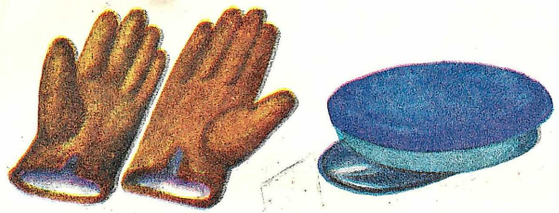
40−10+30= 60
30+20−40= 10
0+10+90= 100
100−70−30= 0

40+ 40 =80
30+ 60 =90
10+ 30 =40

50− 40 =10
70− 50 =20
100− 30 =50

20 +20=40
60 −20=40

20 +30=50
20 −30=50



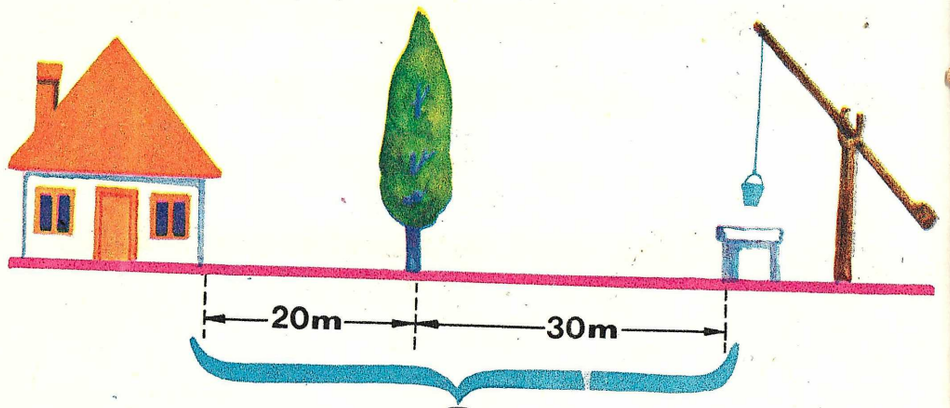
40 lei

30 lei

? lei

lll lei
40+30=70 lei

R: 70 lei



20m+30m=50m

R: 50 m



5o+10=60

R: 60 l

..... = 100



10 lei



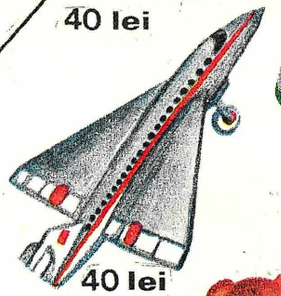
40 lei



80 lei



50 lei



40 lei



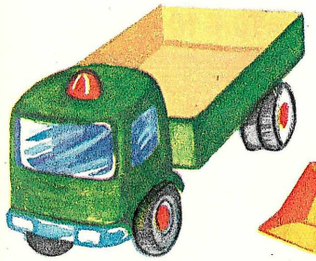
20 lei



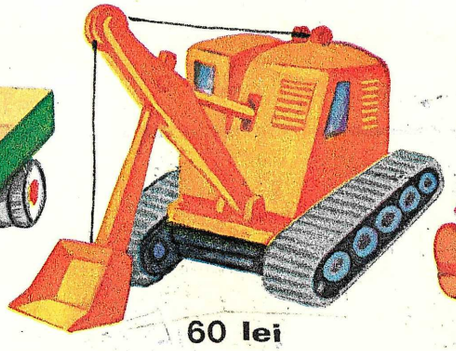
50 lei



70 lei



30 lei



60 lei

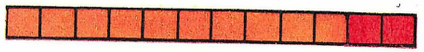


50 lei

10 20



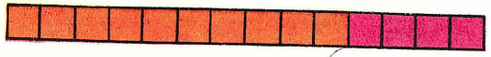
10+ 1=11 11=10+ 1



10+ 2=12 12=10+ 2



10+ 3=13 13=10+ 3



10+ 4=14 14=10+ 4



10+ 5=15 15=10+ 5



10+ 6=16 16=10+ 6



10+ 7=17 17=10+ 7



10+ 8=18 18=10+ 8



10+ 9=19 19=10+ 9



10+10=20 20=10+10

---

10 11 12 13 14 15 16 17
18 19 20

20 19 18 17 16 15 14 13
12 11 10

10+1=11 11= 10+ 1
10<11 11> 10

11+1=10+1+1=12 12= 11+ 1
11<12 12> 11

12+1=10+2+1=13 13= 12+ 1
12<13 13> 12

13+1=10+3+1=14 14= 13+1
13<14 14>13

14+1=10+4+1=15 15= 14+1
14<15 15>14

15+1=10+5+1=16 16= 15+1
15<16 16>15

16+1=10+6+1=17 17= 16+1
16<17 17>16

17+1=10+7+1=18 18= 17+1
17<18 18>17

$18 + 1 = 10 + 8 + 1 = 19$

$18 < 19$

$19 = 18 + 1$

$19 > 18$

$19 + 1 = 10 + 9 + 1 = 20$

$19 < 20$

$20 = 19 + 1$

$20 > 19$

$10 < 11 < 12 < 13 < 14 < 15 < 16 < 17 < 18 < 19 < 20$

$20 > 19 > 18 > 17 > 16 > 15 > 14 > 13 > 12 > 11 > 10$

$10 < 11 < 12 < 13 < 14 < 15 < 16 < 17$

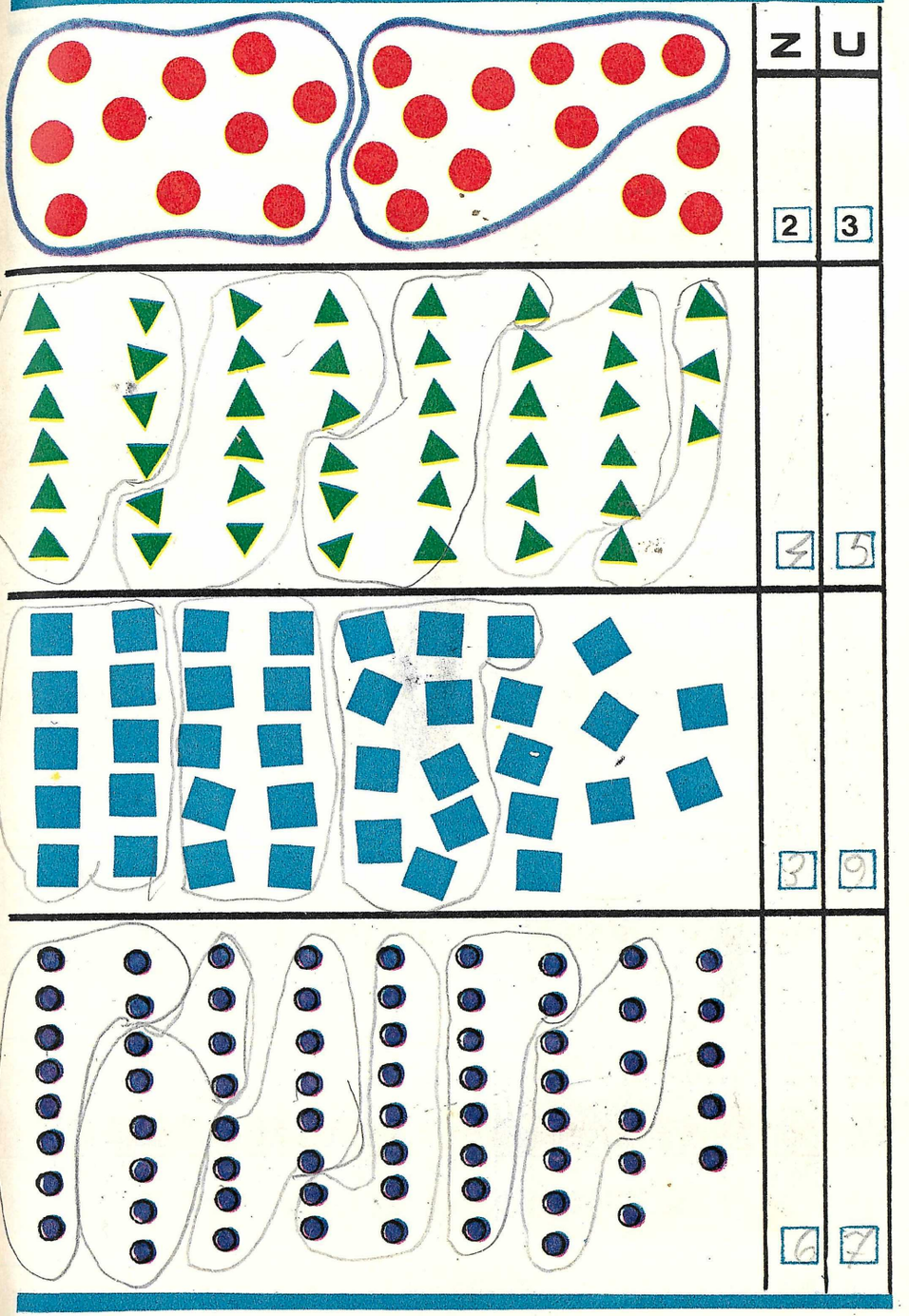
$17 < 18 < 19 < 20$

$20 > 19 > 18 > 17 > 16 > 15 > 14 > 13$

$13 > 12 > 11 > 10$

$16 > 15$ $\quad$ $18 < 19$ $\quad$ $13 > 12$ $\quad$ $17 < 18$

$12 < 14$ $\quad$ $20 > 19$ $\quad$ $12 < 13$ $\quad$ $18 > 17$



0	1	2	3	4	5	6	7	8	9	10
10	11	12								20
20	21								79	
30						36				
40								48		
50				54						
60					65					
70							87			
80										
90										100

28	29	30	31	61	60	59	58
47	28	49	50	51	54	53	52
68	69	70	71	72	91	90	89
36	32	38	39	40	42	43	44
21	20	19	18	17	98	99	100
82	83	86	85	81	76	75	74

25 < 30	32 < 35	84 < 86	74 > 70
25 < 29	32 < 34	84 < 85	74 > 71
25 < 28	32 < 33	84 = 84	74 > 72
25 < 27	32 = 32	84 > 83	74 > 73
25 < 26	32 > 31	84 > 82	74 = 74
25 = 25	32 > 30	84 > 81	74 < 75
25 > 24	32 > 29	84 > 80	74 < 76
25 > 23	32 > 28	84 > 79	74 < 77

10 + ... − ... = 10



10 + 1 = 11

11 = 10 + 1



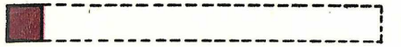
11 − 1 = 10

10 = 11 − 1



1 + 10 = 11

11 = 1 + 10



11 − 10 = 1

1 = 11 − 10



10 + 2 = 12

12 = 10 + 2



12 − 2 = 10

10 = 12 − 2



2 + 10 = 12

12 = 2 + 10



12 − 10 = 2

2 = 12 − 10

$10 + 3 = 13$
$13 - 3 = 10$
$3 + 10 = 13$
$13 - 10 = 3$

$13 = 10 + 3$
$10 = 13 - 3$
$13 = 3 + 10$
$3 = 13 - 10$

$10 + 4 = 14$
$14 - 4 = 10$
$4 + 10 = 14$
$14 - 10 = 4$

$14 = 10 + 4$
$10 = 14 - 4$
$14 = 4 + 10$
$4 = 14 - 10$

$10 + 5 = 15$
$15 - 5 = 10$
$5 + 10 = 15$
$15 - 10 = 5$

$15 = 10 + 5$
$10 = 15 - 5$
$15 = 5 + 10$
$5 = 15 - 10$

$10 + 6 = 16$
$16 - 6 = 10$
$6 + 10 = 16$
$16 - 10 = 6$

$16 = 10 + 6$
$10 = 16 - 6$
$16 = 6 + 10$
$6 = 16 - 10$

$10 + 7 = 17$
$17 - 7 = 10$
$7 + 10 = 17$
$17 - 10 = 7$

$17 = 10 + 7$
$10 = 17 - 7$
$17 = 7 + 10$
$7 = 17 - 10$

$10 + 8 = 18$
$18 - 8 = 10$
$8 + 10 = 18$
$18 - 10 = 8$

$18 = 10 + 8$
$10 = 18 - 8$
$18 = 8 + 10$
$8 = 18 - 10$

$10 + 9 = 19$
$19 - 9 = 10$
$9 + 10 = 19$
$19 - 10 = 9$

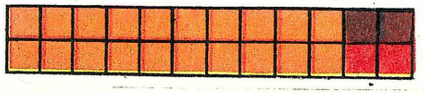
$19 = 10 + 9$
$10 = 19 - 9$
$19 = 9 + 10$
$9 = 19 - 10$

$10 + 10 = 20$
$20 - 10 = 10$

$20 = 10 + 10$
$10 = 20 - 10$

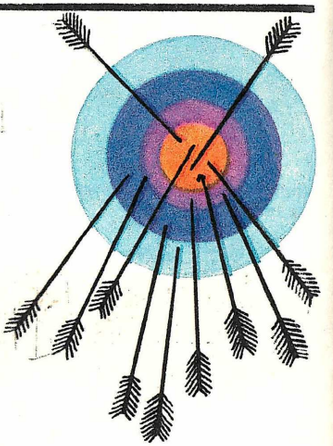
$7 + 3 - 1 = 10 - 1 = 9$ sau
$7 + 3 - 1 = 7 + 2 = 9$
$4 + 6 - 2 = 10 - 2 = 8$ sau
$4 + 6 - 2 = 4 + 4 = 8$

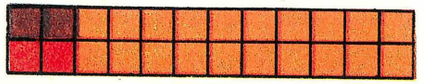
Adunări și scăderi cu numere de la 0 la 20



11+1
12

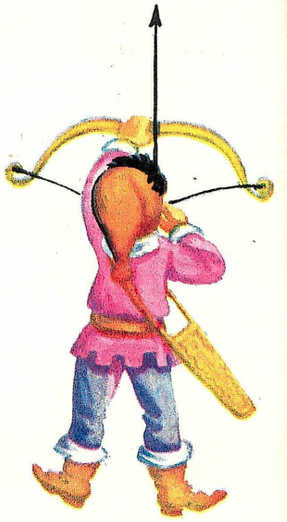
$11 + 1 = (10 + 1) + 1$
$= 10 + (1 + 1)$
$= 10 + 2$
$= 12$

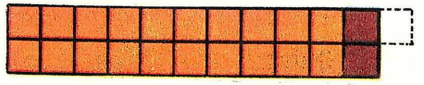




1+11
12

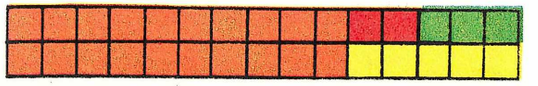
$1 + 11 = 1 + (1 + 10)$
$= (1 + 1) + 10$
$= 2 + 10$
$= 12$





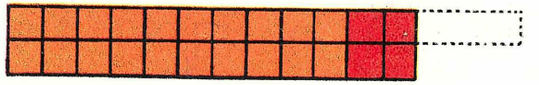
12−1
11

$12 - 1 = (10 + 2) - 1$
$= 10 + (2 - 1)$
$= 10 + 1$
$= 11$



12+3
15

$12 + 3 = (10 + 2) + 3$
$= 10 + (2 + 3)$
$= 10 + 5$
$= 15$



15−3
12

$15 - 3 = (10 + 5) - 3$
$= 10 + (5 - 3)$
$= 10 + 2$
$= 12$

$14+2=(10+4)+2$
$= 10+(4+2)$
$= 10+6$
$= 16$

$2+14= 2+(4+10)$
$=(2+4)+10$
$= 6+10$
$=16$

$16-2=(10+6)-2$
$= 10+(6-2)$
$= 10+4$
$= 14$

$15+4 = (10+5)+4$

$= 10+(5+4)$

$= 10+9$

$= 19$

$4+15 = 4+(5+10)$

$= (4+5)+10$

$= 9+10$

$= 19$

$19-4 = (10+9)-4$

$= 10+(9-4)$

$= 10+5$

$= 15$

$13+5 = (10+3)+5$

$= 10+(3+5)$

$= 10+8$

$= 18$

$5+13 = 5+(3+10)$

$= (5+3)+10$

$= 8+10$

$= 18$

$18-5 = (10+8)-5$

$= 10+(8-5)$

$= 10+3$

$= 13$

$2+1 = 3$ $\quad 3 = 2+1$

$12+1 = 13$ $\quad 13 = 12+1$

$3-1 = 2$ $\quad 2 = 3-1$

$13-1 = 12$ $\quad 12 = 13-1$

$6+3 = 9$ $\quad 9 = 6+3$

$16+3 = 19$ $\quad 19 = 16+3$

$9-3 = 6$ $\quad 6 = 9-3$

$19-3 = 16$ $\quad 16 = 19-3$

$4+4 = 8$ $\quad 8 = 4+4$

$14+4 = 18$ $\quad 18 = 14+4$

$8-4 = 4$ $\quad 4 = 8-4$

$18-4 = 14$ $\quad 14 = 18-4$

$5+3 = 8$ $\quad 8 = 5+3$

$15+3 = 18$ $\quad 18 = 15+3$

$8-3 = 5$ $\quad 5 = 8-3$

$18-3 = 15$ $\quad 15 = 18-3$

17+ 2= 19
2+17= 19
19− 2= 17

19=17+ 2
19= 2+ 17
17=19− 2

13+ 4= 17
4+13= 17
17− 4= 13

17=13+ 4
17= 4+ 13
13=17− 4

12+ 5= 17
5+12= 17
17− 5= 12

17=12+ 5
17= 5+ 12
12=17− 5

11+ 8= 19
8+11= 19
19− 8= 11

19=11+ 8
19= 8+ 11
11=19− 8

13+ 3= 16
3+13= 16
16− 3= 13

16=13+ 3
16= 3+ 13
13=16− 3

14+ 5= 19
5+14= 19
19− 5= 14

19=14+ 5
19= 5+ 14
14=19− 5

10 + 3 = 13
13 − 3 = 10
3 + 10 = 13
13 − 10 = 3

10 + 5 = 15
15 − 5 = 10
5 + 10 = 15
15 − 10 = 5

10 + 6 = 16
16 − 6 = 10
6 + 10 = 16
16 − 10 = 6

10 + 9 = 19
19 − 9 = 10
9 + 10 = 19
19 − 10 = 9

10 + 7 = 17
17 − 7 = 10
7 + 10 = 17
17 − 10 = 7

10 + 2 = 12
12 − 2 = 10
2 + 10 = 12
12 − 10 = 2

Taie rezultatele greșite:

12 + 6
17 − 3
3 + 16
14 − 4
18 − 0

~~14~~	~~16~~	18
9	14	12
19	20	18
18	4	10
10	8	18

12 + 5 = 17 | 15 + 2 = 17 | 19 = 16 + 3

15 + 4 = 19 | 17 − 7 = 10 | 9 = 19 − 10

12 + 6 = 18 | 12 + 6 = 18 | 15 = 11 + 4

10 + 3 = 19 | 18 − 10 = 8 | 10 = 15 − 5

11 + 2 = 13 | 12 + 2 = 14 | 17 = 7 + 10

18 + 1 = 19 | 14 − 4 = 10 | 7 = 17 − 10

---

15 − 2 = 13 | 18 − 6 = 12 | 16 − 5 = 11

13 + 2 = 15 | 12 + 6 = 18 | 11 + 5 = 16

---

19 − 5 = 14 | 17 − 3 = 14 | 18 − 5 = 13

14 + 5 = 19 | 14 + 3 = 17 | 13 + 5 = 18

---

12 + 7 = 19 | 14 + 4 = 14 | 13 + 6 = 19

19 − 7 = 12 | 18 − 4 = 14 | 19 − 6 = 13

Taie rezultatele greșite:

13 + 4

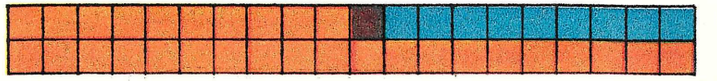
18 − 5

16 + 4

19 − 10

11 + 2

12	17	19
11	16	13
20	13	15
8	9	6
19	8	13



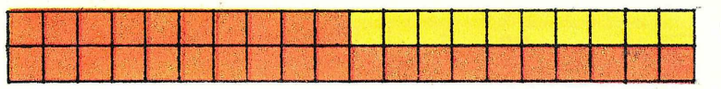
11 + 9 = 20

11 + 9 = (10 + 1) + 9

= 10 + (1 + 9)

= 10 + 10

= 20



15 + 5 = 20

15 + 5 = (10 + 5) + 5

= 10 + (5 + 5)

= 10 + 10

= 20

---

18 + 2 = (10 + 8) + 2

= 10 + (8 + 2)

= 10 + 10

= 20

17 + 3 = (10 + 7) + 3

= 10 + (7 + 3)

= 10 + 10

= 20

---

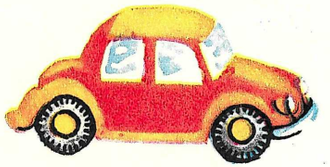
12 + 8 = 20 | 13 + 7 = 20 | 11 + 9 = 20

16 + 4 = 20 | 14 + 6 = 20 | 19 + 1 = 20

3+ 7= 10	9 +1= 10	6 +4= 10
13+ 7= 20	19 +1= 20	16 +4= 20

14+ 6= 20	12+ 8= 20	16+ 4= 20
6+14= 20	8+12= 20	4+16= 20

20=15 + 5	20 =2+ 18	20=20+ 0
20=12 + 8	20 =6+ 14	20= 9+ 11
20=17 + 3	20 =7+ 13	20=19+ 1



13 lei

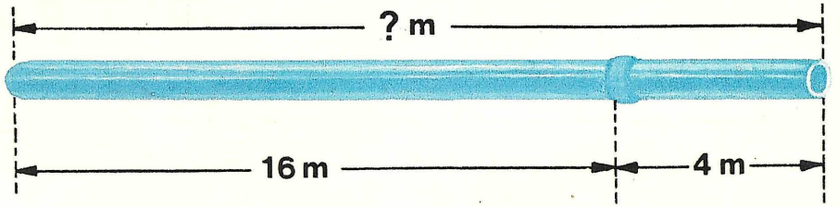
7 lei

? lei

13 lei + 7 lei = 20 lei

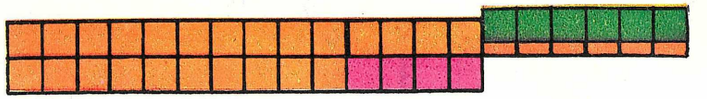
R: 20 lei





16 m + 4 m = 20 m

R: 20 m



20 − 6 = (10 + 10) − 6

= 10 + (10 − 6)

= 10 + 4

= 14

20−6
14



20 − 2 = (10 + 10) − 2

= 10 + (10 − 2)

= 10 + 8

= 18

20−2
18

20−3 = (10 + 10) − 3

= 10 + (10 − 3)

= 10 + 7

= 17

20−5 = (10 + 10) − 5

= 10 + (10 − 5)

= 10 + 5

= 15

$20-1 = (10 + 10) - 1$

$= 10 + (10 - 1)$

$= 10 + 9$

$= 19$

$20-4 = (10 + 10) - 4$

$= 10 + (10 - 4)$

$= 10 + 6$

$= 16$

$20-9 = (10 + 10) - 9$

$= 10 + (10 - 9)$

$= 10 + 1$

$= 11$

$20-8 = (10 + 10) - 8$

$= 10 + (10 - 8)$

$= 10 + 2$

$= 12$

$10-1 = 9$

$20-1 = 19$

$10-9 = 1$

$20-9 = 19$

$10-4 = 6$

$20-4 = 16$

$10-2 = 8$

$20-2 = 18$

$10-10 = 0$

$20-10 = 10$

$10-6 = 4$

$20-6 = 14$

$15+5 = 20$

$20-5 = 15$

$17+3 = 20$

$20-3 = 17$

$19+1 = 20$

$20-1 = 19$



$20-15$
5

$20 - 15 = 20 - 10 - 5$

$= (20 - 10) - 5$

$= 10 - 5$

$= 5$



$20-11$
9

$20 - 11 = 20 - 10 - 1$

$= (20 - 10) - 1$

$= 10 - 1$

$= 9$



$20-12$
8

$20 - 12 = 20 - 10 - 2$

$= (20 - 10) - 2$

$= 10 - 8$

$= 8$

$20-18 = 20-10-8$
$= (20-10)-8$
$= 10-2$
$= 8$

$20-14 = 20-10-4$
$= (20-10)-4$
$= 10-4$
$= 6$

$20-19 = 20-10-9$
$= (20-10)-9$
$= 10-9$
$= 1$

$20-17 = 20-10-7$
$= (20-10)-7$
$= 10-3$
$= 3$

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



18−12
6

$18-12 = 18-10-2$
$= (18-10)-2$
$= 8-2$
$= 6$

$15-11 = 15-10-1$
$= (15-10)-1$
$= 5-1$
$= 4$

$16-15 = 16-10-6$
$= (16-10)-6$
$= 6-6$
$= 0$

$17-13 = 17-10-7$
$= (17-10)-7$
$= 7-3$
$= 4$

$19-12 = 19-10-9$
$= (19-10)-9$
$= 9-7$
$= 2$

$18-10=8$ $8-4=4$ $18-14=4$	$17-10=7$ $7-6=1$ $17-16=1$	$19-10=9$ $9-3=6$ $19-13=6$
$7-4=3$ $17-14=3$	$5-3=2$ $15-13=2$	$8-5=3$ $18-15=3$

Recapitulare

20+50+30= 100
70−30+20= 60
40+30−10= 60

30+10+60= 100
60+20−30= 50
90−50+20= 60

15+ 3− 8= 10
18− 8+ 2= 12
19− 5− 3= 11

12+ 7− 3= 16
17− 5+ 8= 20
20− 3− 4= 13

12 + 7 = 19
14 + 6 = 19
12 + 8 = 20
17 + 3 = 20

15 − 4 = 11
17 − 6 = 11
18 − 8 = 10
20 − 6 = 14

17−16= 1
19−13= 6
15−12= 3
20−17= 3

3 + 10 + 5 = 18
4 + 1 + 10 = 15
7 + 2 + 10 = 19

5 = 19 − 14
8 = 20 − 12
1 = 15 − 14

34 < 38
25 < 52
66 < 77
19 < 91

21 > 12
50 > 20
34 > 13
18 > 8

90 < 99
46 > 30
86 > 68
16 < 61

a	a+3
2	2+3=5
4	4+3=7
6	6+3=9
3	3+3=6

a	a+3
12	15
14	14+3=17
17	17+3=20
13	13+3=16

a	a−4
6	6−4=2
8	8−4=4
4	4−4=0
10	10−4=6

a	a−4
16	12
18	18−4=14
15	15−4=11
20	20−4=16

2 + 4 − 1 = 5
8 − 4 + 2 = 6
5 − 5 + 1 = 1
3 + 3 − 6 = 0

15 + 5 − 10 = 10
20 − 4 − 10 = 6
3 + 13 − 16 = 0
18 − 10 + 2 = 10



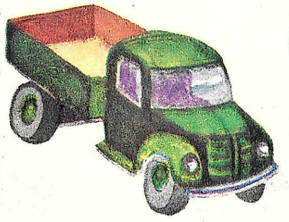


16 lei

rest: 2 lei



12 lei



rest: 3 lei





10 lei

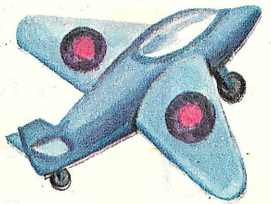


50 lei

rest: 40 lei



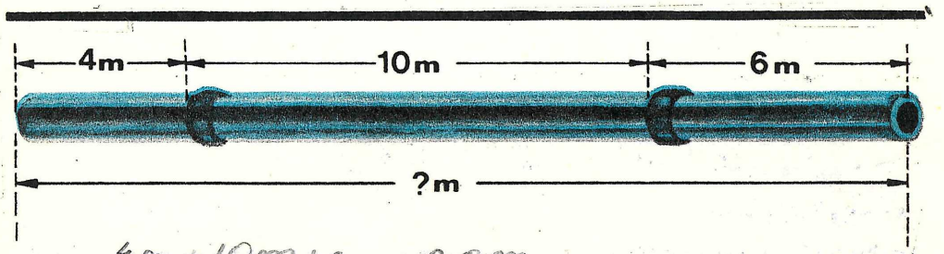




60 lei

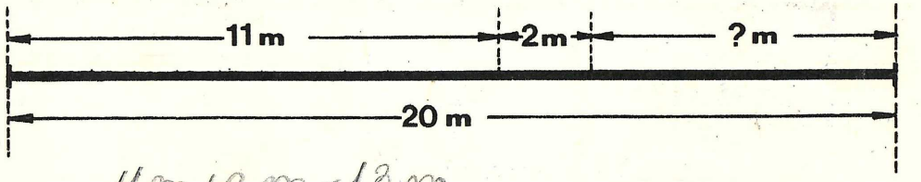
rest: 0 lei

0 + 3 = 3	<	6	10 + 0	<	13
1 + 3 = 4	<	6	10 + 1	<	13
2 + 3 = 5	<	6	10 + 2	<	13
3 + 3 = 6	=	6	10 + 3	=	13
4 + 3 = 7	>	6	10 + 4	>	13
5 + 3 = 8	>	6	10 + 5	>	13
6 + 3 = 9	>	6	10 + 6	>	13



4m + 10m + 6m = 20m

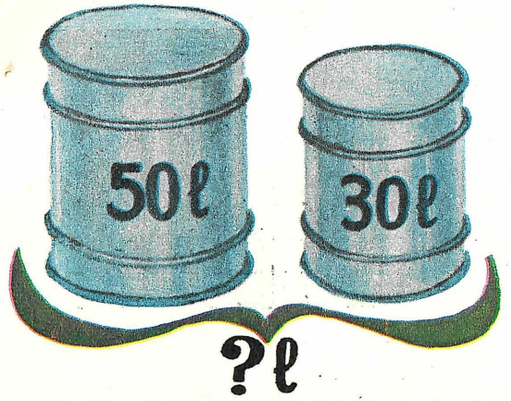
R: 20m



11m + 2m = 13m

20m - 13m = 7

R: 7m



50 ℓ + 30 ℓ = 80 ℓ

R = 80 ℓ





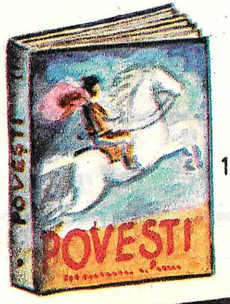
? lei rest

2 lei + 10 lei = 19 lei

20 lei − 19 lei = 1 lei

R = 1 leu





12 lei



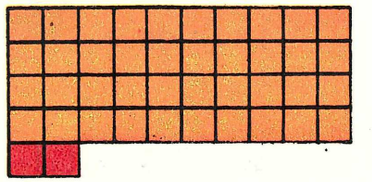
..... lei

18 lei

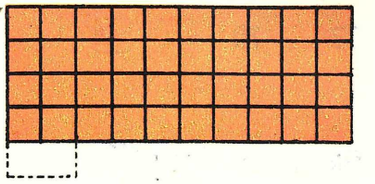
12 lei − 12 lei = 6 lei

R = 6 lei

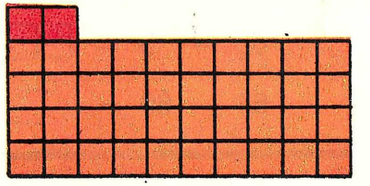
Adunări și scăderi cu numere de la 0 la 100



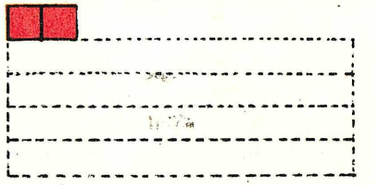
40 + 2 = 42



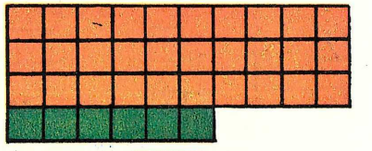
42 − 2 = 40



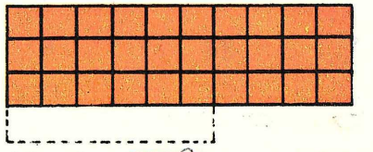
2 + 40 = 42



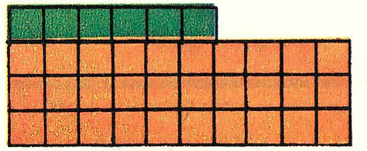
42 − 40 = 2



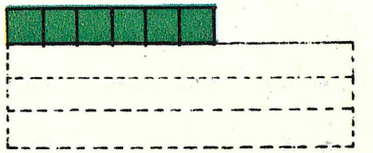
30 + 6 = 36



36 − 6 = 30



6 + 30 = 36



36 − 30 = 6

50 + 7 = 57	80 + 3 = 83
57 − 7 = 50	83 − 3 = 80
7 + 50 = 57	3 + 80 = 83
57 − 50 = 7	83 − 80 = 3

70 + 7 = 77

7 + 70 = 77

77 − 7 = 70

77 − 70 = 7

20 + 9 = 29

9 + 20 = 29

29 − 9 = 20

29 − 20 = 9

90 + 9 = 99

9 + 90 = 99

99 − 9 = 90

99 − 90 = 9

60 + 5 = 65

5 + 60 = 65

65 − 5 = 60

65 − 60 = 5

+	30	2	20	4	40
4	34	6	24	8	44
6	36	8	26	10	46
30	60	32	50	34	70
50	80	52	70	54	90

20 + a = 23

23 − 20 = 3

a = 3

20 + 3 = 23

30 + b = 35

35 − 30 = 5

b = 5

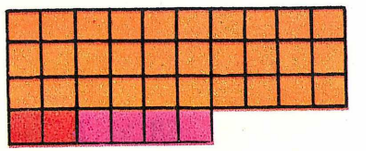
30 + 5 = 35

50 + c = 52

52 − 50 = 2

c = 2

50 + 2 = 52



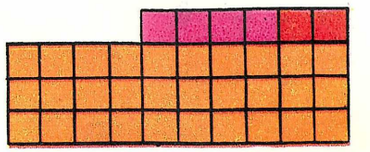
32+4 = (30+2)+4

= 30+(2+4)

= 30+6

= 36

36 = 32+4



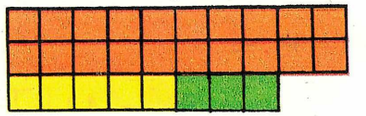
4+32 = 4+(30+2)

= (4+2)+30

= 6+30

= 36

36 = 4+32



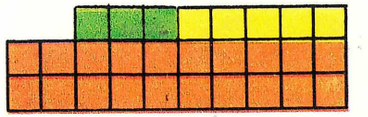
25+3 = (20+5)+3

= 20+(5+3)

= 20+8

= 28

28 = 25+3



3+25 = 3+(20+5)

= (3+5)+20

= 8+20

= 28

28 = 8+25

53+2 = (50+3)+2

= 50+(3+2)

= 50+5

= 55

55 = 53+2

2+53 = 2+(50+3)

= (2+3)+50

= 5+50

= 55

55 = 2+53

$3 + 5 = 8$

$63 + 5 = 68$

$68 = 63 + 5$

$5 + 3 = 8$

$5 + 63 = 68$

$68 = 5 + 63$

$6+3 = 9$

$86+3 = 89$

$89 = 86+3$

$3+6 = 9$

$3+86 = 89$

$89 = 3+86$

$5+4 = 9$

$95+4 = 99$

$99 = 95+4$

$4+5 = 9$

$4+95 = 99$

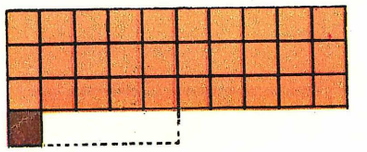
$99 = 4+95$

$74+1=75$	$44+4=48$	$25+3=28$
$1+74=75$	$4+44=48$	$3+25=28$
$32+7=39$	$92+6=98$	$66+2=68$
$7+32=39$	$6+92=98$	$2+66=68$

a	a + 21
4	25
6	27
2	23

u	u + 32
3	35
1	33
5	37

n	n + 63
6	69
2	65
4	67



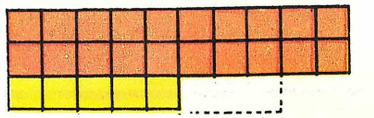
$35-4 = (30+5)-4$

$= 30+(5-4)$

$= 30+1$

$= 31$

$31 = 35-4$



$28-3 = (20+8)-3$

$= 20+(8-3)$

$= 20+5$

$= 25$

$25 = 28-3$

$86-2 = (80+6)-2$

$= 80+(6-2)$

$= 80+4$

$= 84$

$84 = 86-2$

$47-5 = (40+7)-5$

$= 40+(7-5)$

$= 40+2$

$= 42$

$42 = 47-5$

$7-3=4$	$8-6=2$	$5-4=1$
$27-3=24$	$58-6=52$	$65-4=61$

$63+5=68$	$77+2=79$	$36+3=39$
$68-5=63$	$79-2=77$	$39-3=36$

$82+6=88$	$57-5=52$	$38-4=34$
$67-2=65$	$43+3=46$	$27+1=28$

Probleme

1. La o crescătorie de oi sînt 32 miei negri și 6 miei albi. Cîți miei sînt în total?

2. Într-o livadă sînt 21 de meri și 7 nuci. Cîți pomi sînt în livadă?

3. Petre a primit de ziua lui o cutie cu 46 bomboane. El a mîncat 5 bomboane. Cîte bomboane mai are?

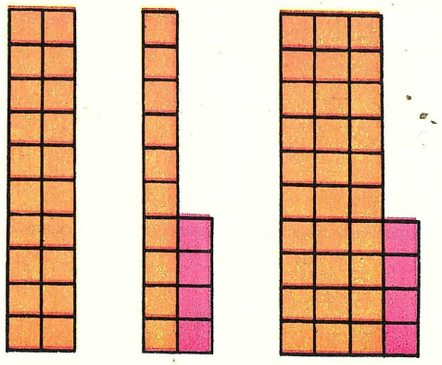
4. Într-o curte sînt 38 de găini și rațe. 30 sînt găini. Cîte rațe sînt?

5. În clasa întîi sînt 34 de elevi. În clasa a doua sînt cu 2 elevi mai mult. Cîți elevi sînt în clasa a doua?

6. Matei are 88 de timbre. Gabriel are cu 5 timbre mai puțin. Cîte timbre are Gabriel?

7. Cîți ani are tata, dacă mama are 26 de ani, iar tata are cu 3 ani mai mult?

8. La o creșă s-au adus 66 l de lapte. Cîți litri de lapte au rămas dacă s-au consumat 60 l de lapte?



$20+14 = 34$

$20+14 = 20+(10+4)$
$= (20+10)+4$
$= 30 \quad +4$
$= 34$

$34 = 20+14$

$14+20 = (10+4)+20$
$= (10+20)+4$
$= 30 \quad +4$
$= 34$

$34 = 14+20$

$30+25$
$= 30+(20+5)$
$= (30+20)+5$
$= 50+5$
$= 55$

$40+38$
$= 40+(30+8)$
$= (40+30)+8$
$= 70 \quad +8$
$= 78$

$52+30$
$= (50+2)+30$
$= (50+30)+2$
$= 80 \quad +2$
$= 82$

$20+25=$ 27 $\quad 40+55=$ 95 $\quad 30+44=$ 74

$62+30=$ 92 $\quad 33+30=$ 63 $\quad 44+40=$ 84

$10+77=$ 87 $\quad 71+20=$ 91 $\quad 22+10=$ 32

$52+\ 6+20=$ 78 $\quad 21+\ 7+20=$ 48

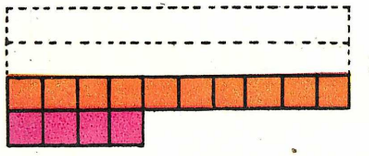
$33+60+\ 6=$ 99 $\quad 74+10+\ 3=$ 87

$50+\ 5+40=$ 95 $\quad 42+\ 6+40=$ 88

n	n + 40	a	a + 20	u	u + 10
25	25+40=65	16	16+20=36	52	52+10=62
46	46+40=86	31	31+20=51	63	63+10=73

1. Pionierii de la o școală au sădit în pădure 60 de brăduți și 35 de stejărei.
Puneți întrebarea și rezolvați.

2. Pionierii de la o altă școală aveau în grija lor 40 de porumbei. Porumbeii lor au scos 18 pui.
Puneți întrebarea și rezolvați.



34 − 20

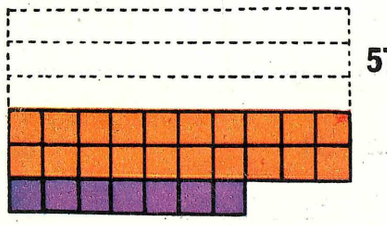
14

$34 - 20 = (30 + 4) - 20$

$= (30 - 20) + 4$

$= 10 + 4$

$= 14$



57 − 30

27

$57-30 = (50 + 7) - 30$

$= (50 - 30) + 7$

$= 20 + 7$

$= 27$

$83-60 = (80+3)-60$

$= (80-60)+3$

$= 20 + 3$

$= 23$

$92-70 = (90 + 2) - 70$

$= (90 - 70) + 2$

$= 20 + 2$

$= 22$

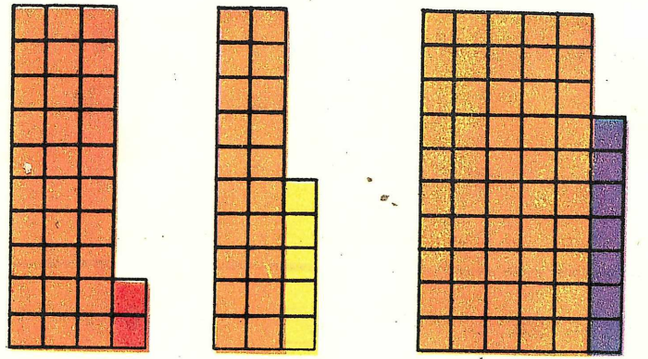
65−10= 55	82−60= 22	55−40= 15
77−50= 27	45−30= 15	31−10= 21
42−20= 22	29−10= 19	93−30= 63

32+30= 62	67−40= 27	16+40= 56
62−30= 32	54+40= 94	56−40= 16
94−60= 34	35+20= 55	30+15= 45
34+60= 94	88−50= 38	70+21= 91

35+50= 85	69+30= 99	82−40= 42
40+44= 84	72+20= 92	66−30= 36
60+39= 99	99−30= 69	75−20= 55

1. Din cele 76 de tractoare de la o întreprindere pentru mecanizarea agriculturii, au fost reparate 50 de tractoare. Puneți întrebarea și rezolvați.

2. La o librărie s-au vîndut dimineața 87 de cărți. După amiază s-au vîndut cu 20 de cărți mai puțin. Cîte cărți s-au vîndut după amiază?



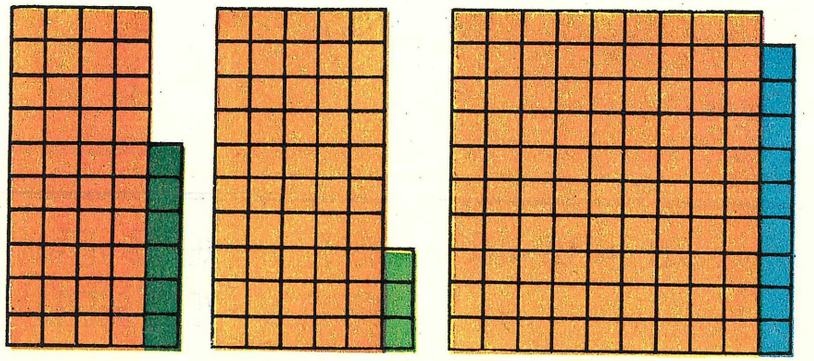
32 + 25 = 57

32 + 25 = (30 + 2) + (20 + 5)

= (30 + 20) + (2 + 5)

= 50 + 7

= 57



46 + 53 = 99

46 + 53 = (40 + 6) + (50 + 3)

= (40 + 50) + (6 + 3)

= 90 + 9

= 99

$15 + 12 = (10 + 5) + (10 + 2)$

$= (10 + 10) + (5 + 2)$

$= 20 + 7$

$= 27$

$73 + 24 = (70 + 3) + (20 + 4)$

$= (70 + 20) + (3 + 4)$

$= 90 + 7$

$= 97$

$43 + 23 = (40 + 3) + (20 + 3)$

$= (40 + 20) + (3 + 3)$

$= 60 + 6$

$= 66$

$21 + 12 = (20 + 1) + (10 + 2)$

$= (20 + 10) + (1 + 2)$

$= 30 + 3$

$= 33$

$26 + 31 = 57$ $\quad$ $66 + 33 = 99$ $\quad$ $35 + 34 = 69$

$34 + 52 = 86$ $\quad$ $17 + 71 = 88$ $\quad$ $27 + 72 = 99$

+	62	12
11	73	23
23	85	35
32	94	44

+	55	22
34	89	56
22	77	44
44	99	66

a	a + 41
24	65
16	57
32	73

u	u + 15
12	27
43	58
71	86

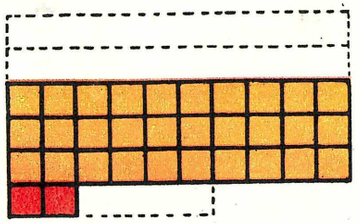
$24 + 73 = 97$ $\quad$ $51 - 40 = 11$

$15 + 61 = 76$ $\quad$ $75 - 50 = 25$

1. Într-un dulap sînt pe un raft 46 de cărți, iar pe alt raft sînt 51 de cărți.
Cîte cărți sînt pe cele două rafturi?

2. Compuneți o problemă care să se rezolve prin operația:

$22 + 13 = \ldots\ldots$



56 − 24

32

56 − 24 = (50 + 6) − (20 + 4)

= (50 − 20) + (6 − 4)

= 30 + 2

= 32

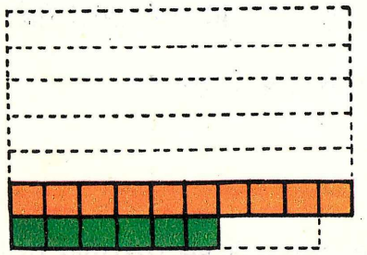
sau:

56 − 24 = 56 − (20 + 4)

= (56 − 20) − 4

= 36 − 4

= 32



69 − 53

16

69 − 53 = 69 − 50 − 3

= 16

48 − 25 = (40 + 8) − (20 + 5)

= (40 − 20) + (8 − 5)

= 20 + 3

= 23

sau:

48 − 25 = 48 − (20 + 5)

= (48 − 20) − 5

= 28 − 3

= 25

sau:

48 − 25 = 48 − 20 − 5

= 25

26 − 13 = (20 + 6) − (10+ 3)

= (20 − 10) + (6− 3)

= 10 + 3

= 13

sau:

26 − 13 = 26 − 10 − 3

= 13

96−72= 24

37−24= 13

65−12= 53

85−44= 41

77−11= 66

99−88= 11

59−18= 41

45+32= 77

63+35= 98

15+52= 67

77−32= 45

98−35= 63

67−52= 15

77−45= 32

98−63= 35

67−15= 67

24+24−14 = 48 −14 = 34

32+32−54 = 64 −54 = 10

43+43−66 = 86 −66 = 20

97−66+31 = 31 +31 = 62

88−44−33 = 44 −33 = 11

a	b	a + b
20	6	26
20	26	46
31	40	71
31	27	58
52	25	77
17	82	99
13	13	26
22	22	44
64	35	99

a	b	a − b
60	20	40
45	30	15
68	60	8
35	12	23
97	7	90
63	52	11
54	41	13
17	4	13
80	80	0

Exerciții și probleme

1. 15+1= 16 35+1= 36 16−1= 15

15+2= 17 45+2= 47 17−2= 15

15+3= 18 55+3= 58 18−3= 15

15+4= 19 65+4= 69 19−4= 15

2. 36−1= 35 50+ 8= 58 67− 7= 60

47−2= 45 7+40= 47 83−80= 3

58−3= 55 30+ 3= 33 94− 4= 90

69−4= 65 4+60= 64 39−30= 9

3. 40+36= 76 96−50= 46 36−23= 13

18+50= 68 72−20= 52 15+83= 98

50+11= 61 44−10= 34 62+16= 78

27+70= 97 65−40= 25 17+52= 69

4. 87−35= 52 36=35+ 1 35=36− 1

76−53= 23 47=45+ 2 45=47− 2

32−21= 11 58=55+ 3 55=58− 3

99−55= 55 69=65+ 4 65=69− 4

5. $36 = \square + 1$ $\quad 35 = \square - 1$ $\quad 27 + \square = 30$

$47 = \square + 2$ $\quad 45 = \square - 2$ $\quad 28 + \square = 30$

$58 = \square + 3$ $\quad 55 = \square - 3$ $\quad 29 + \square = 30$

$69 = \square + 4$ $\quad 65 = \square - 4$ $\quad 30 + \square = 30$

6. Într-o pungă sînt 3 pere și mere cu 2 mai mult decît pere. Cîte fructe sînt în pungă?



$3 + (3 + 2)$

$= 3 + 5$

$= 8$

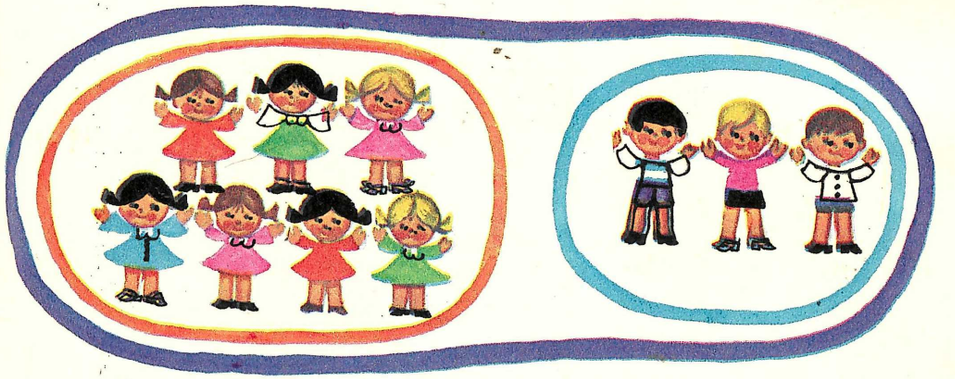
În pungă sînt 8 fructe.

sau:

$3 + 2 = 5$

$3 + 5 = 8$

7. În curte se joacă 7 fetițe și băieți cu 4 mai puțin decît fetițe.
Cîți copii se joacă în curte?



$7 + (7 - 4)$

$= 7 + 3$

$= 10$

În curte se joacă 10 copii.

sau:

$7 - 4 = 3$

$7 + 3 = 10$

8. În clasa întîi sînt 30 de elevi. În clasa a doua sînt cu 2 elevi mai mult.
Cîți elevi sînt în cele două clase?

9. Într-un dulap sînt pe un raft 25 de cărți, iar pe alt raft sînt cu 5 cărți mai puțin.
Cîte cărți sînt pe cele două rafturi?

10 $15-5+8=\square$ $58-8+\square=53$

$38-7+6=\square$ $29-6+\square=25$

$23-3+50=\square$ $75-4+\square=79$

$47-4+20=\square$ $99-9+\square=91$

$53+5-\square=50$

$21+8-\square=20$

$73+2-\square=70$

$91+8-\square=90$

---

11. Într-un autobuz erau 29 de călători. La prima stație au coborît 9 călători și au urcat 5 călători.
Cîți călători sînt acum în autobuz?

12. Compuneți o problemă asemănătoare, tot despre călători și autobuz, dar să se rezolve cu exercițiul:

$$35 - 3 + 7 =$$

13. Compuneți o altă problemă, despre ce doriți voi, dar care să se rezolve prin exercițiul:

$$22 + 6 - 8 =$$

14. $0+25<30$ $0+41<46$ $0+54<58$

$1+25<30$ $\square+41<46$ $\square+54<58$

$2+25<30$ $\square+41<46$ $\square+54<58$

$3+25<30$ $\square+41<46$ $\square+54<58$

$4+25<30$ $\square+41<46$

---

15. $62+1<65$ $75+1<80$

$62+2\ \square\ 65$ $75+\square<80$

$62+3\ \square\ 65$ $75+\square<80$

$62+4\ \square\ 65$ $75+\square<80$

$62+5\ \square\ 65$ $75+\square=80$

---

16. Într-un autobuz sînt 28 de locuri pe scaune și au urcat 25 de călători.
Ar mai avea loc un călător? De ce?

Dar 2 călători? De ce?
Dar 3 călători? De ce?
Dar 4 călători? De ce?

17. Ce numere se pot aduna cu numărul 35 ca să obținem numere mai mici decît numărul 40?

Scrieți în tabel:

$0 + 35 < 40$

$1 + 35 < 40$

$2 + 35 < 40$

3 + 35 < 40

4 + 35 < 40

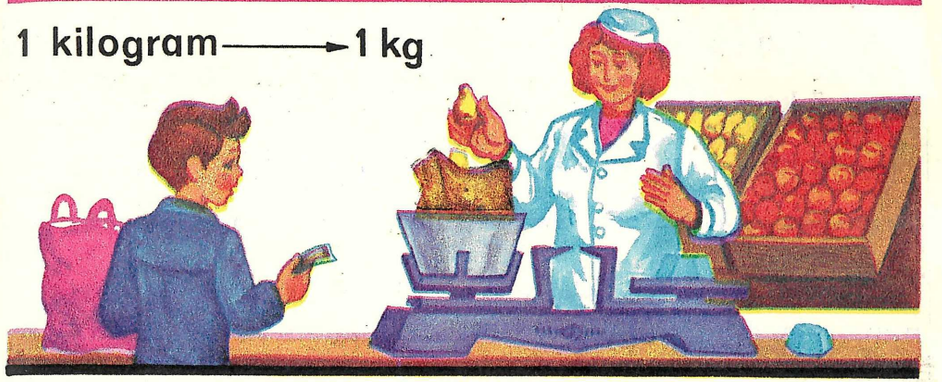
18.

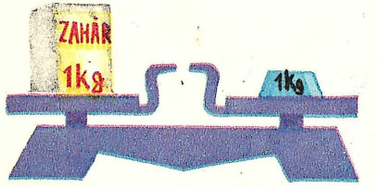
a	b	a + b
20	6	26
20	26	46
31	40	71
31	41	72
52	25	77
17	82	99
13	13	26
22	22	44
66	22	88

a	b	a − b
60	20	40
45	30	15
68	35	33
35	12	23
97	42	55
63	52	11
54	41	13
17	4	13
80	60	20

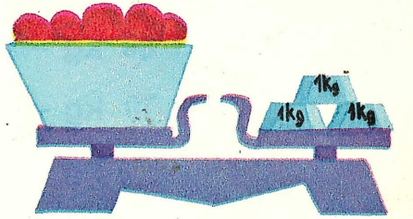
Kilogramul

1 kilogram ——→ 1 kg





1 kg



3 kg

Cînd cumpărăm fructe, legume, făină și alte mărfuri, vînzătorul le cîntărește cu ajutorul cîntarului.

Pentru cîntărire se folosește kilogramul.

kilogramul se scrie pe scurt: **kg**



Scrieți:

1 kg 2 kg 5 kg 10 kg

2 kg 6 kg 8 kg 3 kg 35 kg 81 kg

3 kg + 3 kg = 6 kg

8 kg − 5 kg = 3 kg

10 kg + 7 kg = 17 kg

17 kg − 4 kg = 13 kg

52 kg + 25 kg = 77 kg

86 kg − 44 kg = 42 kg

Scrieți în căsuțele goale din exercițiile de mai jos numerele care trebuie, astfel ca rezultatele să fie exacte.

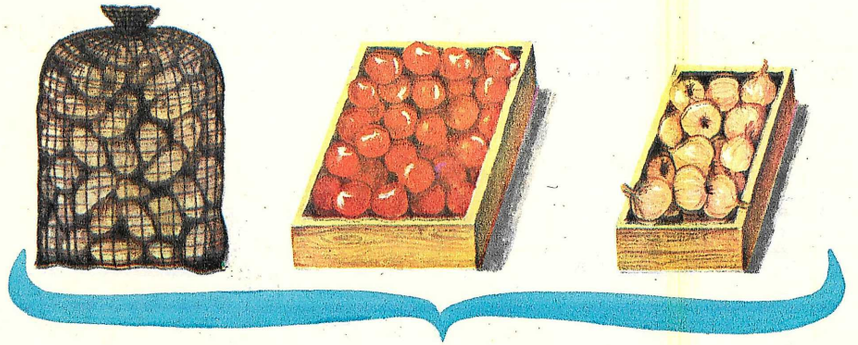
80 kg − 10 kg = 70 kg

70 kg + 20 kg = 90 kg

8 kg + 20 kg = 28 kg

28 kg − 30 kg = 58 kg

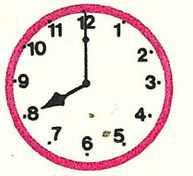
Cartofi 20kg Roșii 10 kg Ceapă 5kg



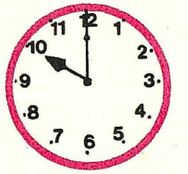
? kg

Câte kg de legume sînt ? = 35 kg

Măsurarea timpului



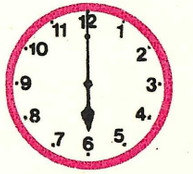
ora 8



ora 10



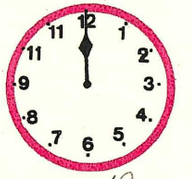
ora 3



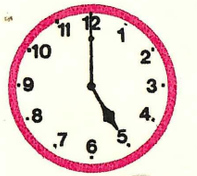
ora 6



ora 9



ora 12



ora 5

Ziua are 24 de ore. O nouă zi începe la miezul nopții, adică la ora zero.

1. Orele unei zile se numără de la ora zero, la ora 24: ora zero, ora 1, ora 2 ..... ora 12, ora 13, ora 14 ..... ora 23, ora 24 (0).

2. Noi învățăm la școală de la ora 8 la ora 12. Stăm la școală 4 ore.

3. Tata lucrează de la ora 6 la ora 14. El lucrează 8 ore.

Zilele săptămînii sînt: **luni, marți, miercuri, joi, vineri, sîmbătă, duminică.**

Scrieți pe caiete numele zilelor săptămînii.

---

4 ore + 6 ore = 10 ore **7 zile + 3 zile =** 10 zile

24 ore − 4 ore = 20 ore **15 zile − 5 zile =** 10 zile

---

1. Cîte ore fac împreună o zi și 6 ore? 30 ore

2. Cîte ore fac împreună o zi și 4 ore? 28 ore

3. Mircea pleacă cu trenul la ora 6 și ajunge la gara unde trebuie să coboare, la ora 9.
Cîte ore a călătorit? 3 ore

4. Elena a plecat cu trenul în tabără. A pornit la ora 13 și a ajuns la ora 18.
Cîte ore a călătorit? 5 ore

5. Dan, Ionel, Ana și Marin se întrec la rezolvări de probleme în fiecare zi a săptămînii.

Tabelul de mai jos ne ajută să aflăm cîte probleme a rezolvat fiecare în acea săptămînă și să-i clasificăm.

	Dan	Ionel	Ana	Marin
Luni	2	1	2	1
Marți	3	1	1	1
Miercuri	1	2	0	1
Joi	0	1	1	1
Vineri	1	3	2	0
Sîmbătă	1	2	1	2
Total	8	10	7	6

1. Ionel
2. Dan
3. Ana
4. Marin

Recapitulare finală

1.

3 + 2 = 5	10 − 7 = 3	4 + a = 5
2 + 3 = 5	10 − 3 = 7	a = 1
5 = 2 + 3	7 = 10 − 3	10 − b = 4
5 = 2 + 3	10 = 7 + 3	b = 6

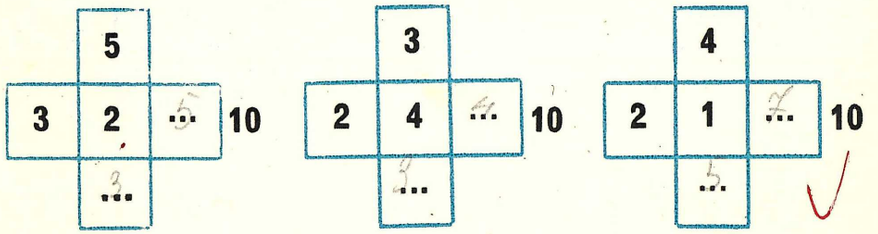
2.

1+5+3= 9	9−1−5= 3	1+5−3= 3
5+3+1= 9	9−5−3= 1	5+3−1= 7
3+1+5= 9	9−3−1= 5	9−3+1= 7

3.

4+5− 3 = 6	6+4− 9 = 1	9−9+9= 9
10=2+ 6 + 2	1=6− 2 − 3	3+3−6= 0
7−2+ 3 = 8	3+7− 7 = 6	8−7−1= 0

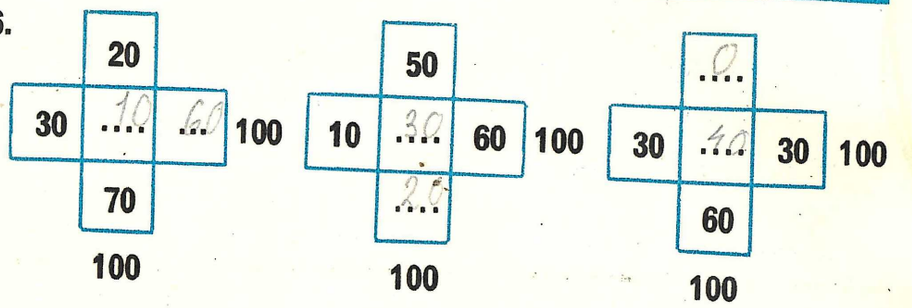
4.



5.

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

6.



7.

70+30− 40 = 60	80+10− a = 50
30+70− 70 = 60	a = 50
40=70+ 30 − 60	100−30+ n = 80
100−60= 30 + 10	n = 10

8.

80+20= 60 + 40	4+ 3= 7
100−40= 10 + 50	4+30= 34
90−30= 80 − 20	6− 2= 4
30+20= 90 − 40	60−20= 40

9.

26+3 − 20 = 9	70+3−20= 53
54−2 − 50 = 2	60+6−30= 36

10.

a +10=30	b +20= 80
30−10=20	80+20−60=40
a =20	b = 60

11.

$30 + a = 40$
$40 - 30 = 10$
$a = 10$

$90 + b = 100$
$100 - 90 = 10$
$b = 10$

12.

$0+7=$ 7	$0+17=$ 17	$0+31=$ 31
$1+7=$ 8	$1+17=$ 18	$3+31=$ 34
$2+7=$ 9	$2+17=$ 19	$6+31=$ 37
$3+7=$ 10	$3+17=$ 20	$9+31=$ 40

13.

$37-3=$ 34	$37-34=$ 3	$23+41=$ 64
$37-2=$ 35	$37-35=$ 2	$61+11=$ 72
$37-1=$ 36	$37-36=$ 1	$74+14=$ 88
$37-0=$ 37	$37-37=$ 0	$22+66=$ 88

14.

$c + 47 = 49$
$49 - 47 = 2$
$c = 2$

$82 + n = 89$
$89 - 82 = 7$
$n = 7$

15.

$61 + a = 65$
$65 - 61 = 4$
$a = 4$

$u + 73 = 78$
$78 - 73 = 5$
$u = 5$

În problemele care urmează veți completa datele care lipsesc, astfel ca problemele să se poată rezolva și le veți rezolva.

1. Elevii din clasa I au răsădit în grădina școlii 40 de fire de flori.
Lalele ..20.., panseluțe ..10.., iar restul garoafe.
Cîte garoafe au răsădit?

I $40 - 20 - 10 = 10$ garoafe
II $20 + 10 = 30$
$40 - 30 = 10$ garoafe

2. La o grădiniță s-au adus ..53.. jucării noi. 13 s-au dat la grupa mică, 20 la grupa mijlocie, iar restul la grupa mare.
Cîte jucării a primit grupa mare?

53 jucării - 13 jucării - 20 jucării = 20 jucării

3. La un centru s-au adus 87 litri de lapte. ..17.. litri se vînd la grădiniță, iar ..30.. litri la un cămin.
Cîți litri de lapte au rămas?

87 l - 17 l - 30 l = 40 l

4. Călin cumpără cu 2 bancnote de 5 lei cărți, cu una de 10 lei culori, iar cu 30 lei o minge.
Ce rest primește de la ..... lei?

5. În clasa I sînt 35 de elevi, iar în clasa a II-a cu ..... mai puțin. Cîți elevi sînt în clasa a II-a?
Dar în amîndouă clasele?

6. Luni s-au vîndut la un magazin ..... kg de zahăr, iar marți cu 30 kg mai puțin.
Cîte kilograme de zahăr s-au vîndut în amîndouă zilele?

7. Ziua are ..... ore, dintre care 4 ore învăț la școală, iar restul timpului stau acasă.
Cîte ore stau acasă?

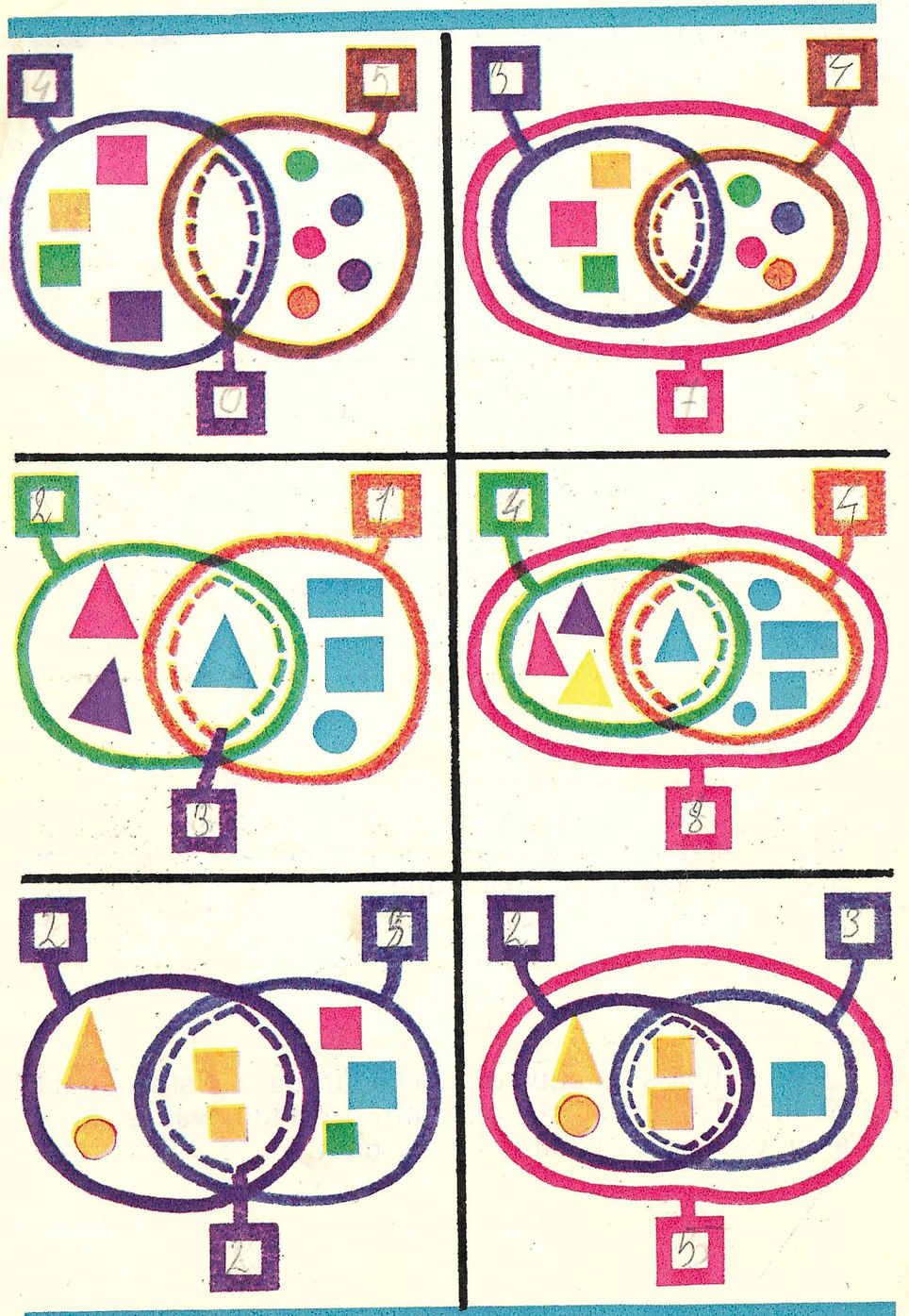
În problemele care urmează veți pune întrebarea și le veți rezolva.

1. Într-o librărie erau pe un raft 45 de caiete, iar pe altul 34 de caiete.
Pînă la ora 13 s-au vîndut 26 de caiete.

2. Un vînzător a vîndut într-o zi 24 metri de stofă, iar altul cu 22 metri mai mult.

3. La un magazin s-au adus într-o zi 65 kg de lămîi, iar a doua zi cu 30 kg mai puțin.

4. La o cantină s-au adus o dată 36 litri de ulei și altă dată 23 litri. Tot uleiul s-a pus într-un singur vas și apoi s-au consumat 17 litri pentru gătit.

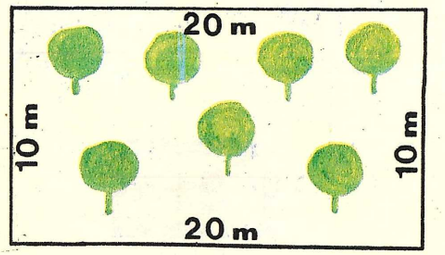


1. Completați pătrățelele goale cu numere de la 1 la 4, astfel ca, adunate, să dea 10 pe toate direcțiile:

2	1	3	4
3	4	2	1
4	3	1	2
1	2	4	3

3	1	1	2
1	2	4	3
2	1	3	4
3	4	2	1

2. Mihăiță vrea să cumpere o jucărie. El are 5 lei, dar nu-i ajung banii.
Dacă ar mai avea încă 4 lei, ar fi prea mult. Dacă ar mai avea 2 lei, ar fi prea puțin.
Cît costă jucăria?



3. Cîți metri de gard sînt necesari pentru a îngrădi o asemenea livadă?

60 m

4. Completați pătrățelele goale cu numerele 2, 4, 6 sau 8, astfel ca, adunate, să dea 20, pe toate direcțiile:

2	6	8	4
8	4	2	6
4	8	6	2
6	2	4	8

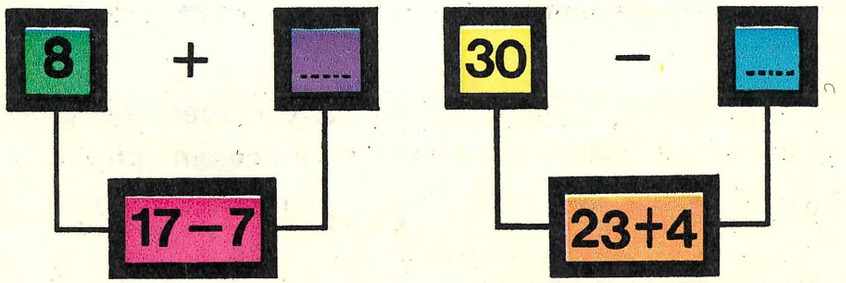
8	2	4	6
8	6	8	2
2	2	4	4
4	10	2	2

5. $56 - (8 - 5) =$ 53 $\quad$ $23 + (7 - 4) =$ 26

$74 - (9 - 6) =$ 71 $\quad$ $82 + (3 + 2) =$ 87

$49 - (4 + 5) =$ 40 $\quad$ $15 + (2 + 3) =$ 20

6.



CUPRINSUL

I. Noțiuni elementare despre mulțimi necesare formării conceptului de număr natural și al operațiilor de adunare și scădere cu numere naturale:

1. Prezentare și recunoașterea unor mulțimi de obiecte din mediul înconjurător 3
2. Recunoașterea culorilor, activitate practică de colorat 4
3. Cunoașterea intuitivă a unor corpuri și figuri geometrice 5
4. Rigla (negradată) și trasarea dreptei, segmentul de dreaptă 8
5. Relațiile: „au aceeași culoare" și „au aceeași formă" 9
6. Poziția relativă a obiectelor în spațiu 10
7. Recunoașterea unor mulțimi de obiecte pe baza unor proprietăți comune a obiectelor. Relația de apartenență a unui obiect la o mulțime dată 12
8. Formarea mulțimilor de obiecte în imagini prin conturarea lor cu o curbă închisă 13
9. Mulțime inclusă într-o mulțime; submulțime sau parte a unei mulțimi 16
10. Mulțimi cu unele elemente comune; mulțimi care nu au elemente comune 18
11. Intersecția a două mulțimi; mulțimea fără nici un element 19
12. Reuniunea a două mulțimi disjuncte; reuniunea a două mulțimi care au unele elemente comune 20
13. Diferența dintre o mulțime și o submulțime a sa . . 21

II. Noțiunea de număr natural, numere naturale de la 0 la 10

1. Stabilirea unor corespondențe element cu element între două mulțimi; mulțimea „cu tot atîtea" elemente cît ale unei mulțimi date 22
2. Mulțimea „cu mai puține", respectiv „cu mai multe elemente" decît ale unei mulțimi date 23
3. Aplicații practice de stabilire a corespondenței element cu element între două mulțimi cu tot atîtea elemente, sau care nu au tot atîtea elemente 24

4. Riglete corespunzătoare unei anumite mulțimi; mulțimea unităților (pătrățelelor) unei riglete colorate . . 26
5. Numere naturale de la 0 la 10; compararea lor . . . 27

III. **Adunarea și scăderea numerelor naturale de la 0 la 10**

1. Operația de adunare (pe baza reuniunii mulțimilor disjuncte) 51
2. Adunarea cu zero 52
3. Adunarea cu 1 53
4. Operația de scădere (pe baza diferenței mulțimilor) . 57
5. Scăderea cu 1 58
6. Adunarea și scăderea cu 2, 3, 4, 5, 6, 7, 8, și cu 9; tabla adunării și tabla scăderii 60
7. Proprietatea de asociativitate a operației de adunare; suma a trei numere naturale 78
8. Compararea numerelor naturale consecutive, semnul mai mare 80
9. Compararea numerelor naturale neconsecutive . . 82
10. Probleme 84
11. Metrul 87
12. Litrul 88
13. Leul 89

IV. **Numere naturale de la 0 la 100**

1. Numere naturale pînă la 100, formate numai din zeci, adunarea și scăderea lor 90
2. Numere naturale pînă la 20 102
3. Numere naturale de la 20 pînă la 100, formate din zeci și unități 105
4. Adunarea și scăderea numerelor naturale de la 0 la 20 112
5. Adunarea și scăderea numerelor naturale de la 0 la 100 131
6. Kilogramul 153
7. Măsurarea timpului 155

V. **Recapitularea finală** 158

1 - maro
2 - roșu
3 - verde deschis
4 - roz
5 - galben
6 - verde închis
7 - negru
8 - albastru închis
9 - albastru deschis
10 - portocaliu

29+7

35