Računica

za

obče ljudske šole.

Izdaja v treh delih:

Prva stopnja.

Spisal

Dr. Fr. vitez Močnik.

Velja 30 h.

V cesarski kraljevi zalogi šolskih knjig na[illegible]naju.

1915

Silva Drevenšek

Jožko Poštružnik

Jožko Poštružnik.

Jožko Poštružnik,

Računica

za

obče ljudske šole.

Izdaja v treh delih:

Prva stopnja.

Spisal

Dr. Fr. vitez Močnik.

Tiskana brez premene kakor leta 1913.

Veljá vezana 30 vinarjev.

V cesarski kraljevi zalogi šolskih knjig na Dunaju.
1915.

Šolske knjige, v c. kr. zalogi šolskih knjig na svetlo dane, se smejo prodajati **samo** po ceni, ki je povedana na čelni strani.

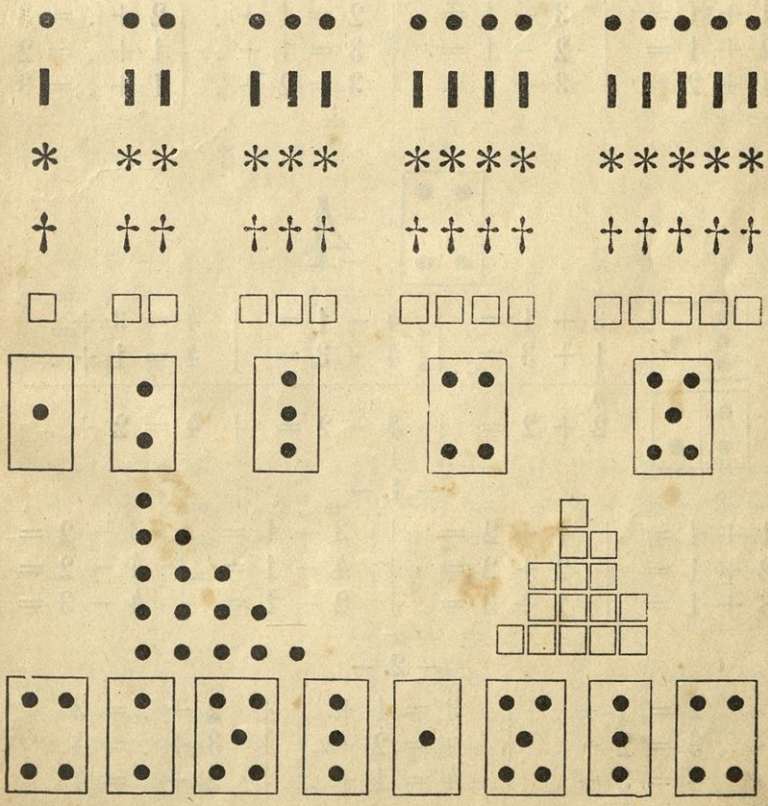
Natisnil Karel Gorišek na Dunaju. V. — 15 806.

Prvi oddelek.

I. Števila od ene do deset.

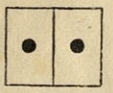
Števila od ene do pet.

(Poočitovanje, prištevanje in odštevanje.)



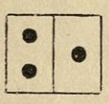
 1

 2



$1 + 1 =$ | $2 - 1 =$ | $2 = 1 + .$

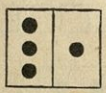
 3



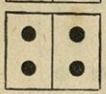
$2 + 1 =$	$3 - 1 =$	$3 = 2 + .$
$1 + 2 =$	$3 - 2 =$	$3 = 1 + .$

$1 + 1 =$	$3 - 1 =$	$2 = 1 + .$	$2 + . = 3$
$2 + 1 =$	$2 - 1 =$	$3 = 1 + .$	$1 + . = 2$
$1 + 2 =$	$3 - 2 =$	$3 = 2 + .$	$1 + . = 3$

 4



$3 + 1 =$	$4 - 1 =$	$4 = 3 + .$
$1 + 3 =$	$4 - 3 =$	$4 = 1 + .$



$2 + 2 =$ | $4 - 2 =$ | $4 = 2 + .$

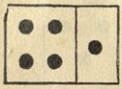
— 1. —

$1 + 1 =$	$1 + 2 =$	$3 - 1 =$	$3 - 2 =$
$2 + 1 =$	$2 + 2 =$	$4 - 1 =$	$4 - 2 =$
$3 + 1 =$	$1 + 3 =$	$2 - 1 =$	$4 - 3 =$

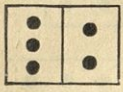
— 2. —

$2 = 1 + .$	$3 = 1 + .$	$2 + . = 3$
$3 = 2 + .$	$4 = 2 + .$	$3 + . = 4$
$4 = 3 + .$	$4 = 1 + .$	$2 + . = 4$

5



4 + 1 =	5 − 1 =	5 = 4 + .
1 + 4 =	5 − 4 =	5 = 1 + .



3 + 2 =	5 − 2 =	5 = 3 + .
2 + 3 =	5 − 3 =	5 = 2 + .

– 1. –

1 + 1 =	2 + 1 =	1 + 2 =	1 + 4 =
4 + 1 =	3 + 2 =	1 + 3 =	3 + 1 =
3 + 1 =	2 + 2 =	2 + 3 =	3 + 2 =

– 2. –

2 − 1 =	5 − 1 =	4 − 2 =	5 − 4 =
3 − 1 =	3 − 2 =	4 − 3 =	3 − 2 =
4 − 1 =	5 − 2 =	5 − 3 =	4 − 1 =

– 3. –

2 = 1 + .	3 + . = 4	2 + . = 4
5 = 4 + .	2 + . = 3	1 + . = 4
4 = 2 + .	1 + . = 3	2 + . = 5
5 = 1 + .	3 + . = 5	1 + . = 5

– 4. –

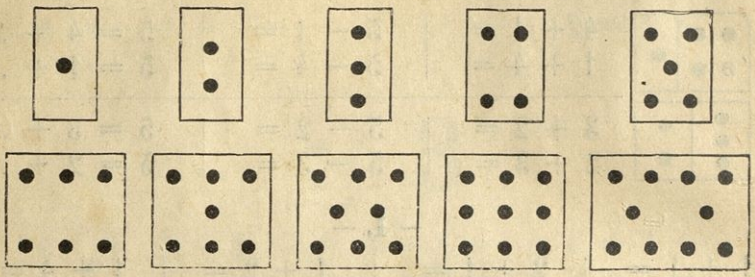
1 + 1 + 1 =	2 + 1 + 2 =	2 + 2 − 1 =
2 + 1 + 1 =	2 + 2 + 1 =	4 + 1 − 3 =
1 + 2 + 1 =	1 + 1 + 2 =	2 + 3 − 4 =
1 + 3 + 1 =	1 + 1 + 3 =	1 + 4 − 2 =

– 5. –

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

Števila od ene do deset.

(Vsestranska obravnava.)



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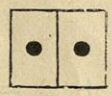
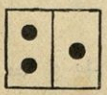
i 1  ⁝ ⁝ 2 



$1 + 1 =$ | $2 \times 1 =$
$2 - 1 =$ | $1 \text{ v } 2 =$
$2 = 1 + .$ | $1/2 \text{ od } 2 =$

⁝ ⁝ ⁝ ⁝ ⁝ ⁝ 3 

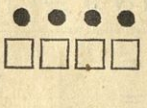
$1 + 1 + 1 =$ | $3 \times 1 =$
$1 \text{ v } 3 =$
$1/3 \text{ od } 3 =$



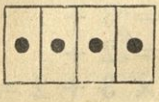
$2 + 1 =$ | $3 = 2 + .$
$1 + 2 =$ | $3 = 1 + .$
$3 - 1 =$ | $2 \text{ v } 3 = 1 \text{ (1)}$
$3 - 2 =$

---

2 + 1 =	3 − 1 =	3 × 1 =	1 v 3 =
1 + 1 =	3 − 2 =	2 × 1 =	1 v 2 =
1 + 2 =	2 = 1 + .	1 × 1 =	½ od 2 =
2 − 1 =	3 = 1 + .	1 × 3 =	⅓ od 3 =



4

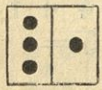


1 + 1 + 1 + 1 =

4 × 1 =
1 v 4 =
¼ od 4 =

2 + 2 =
4 − 2 =
4 = 2 + .

2 × 2 =
2 v 4 =
½ od 4 =



3 + 1 =
1 + 3 =
4 − 1 =
4 − 3 =

4 = 3 + .
4 = 1 + .
1 × 3 + 1 =
3 v 4 =

— 1. —

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

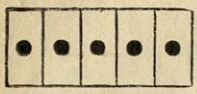
— 2. —

4 = 2 + .	1 + . = 3	2 + 1 + 1 =
4 = 1 + .	2 + . = 4	3 + 1 − 2 =
3 = 2 + .	3 + . = 4	4 − 2 − 1 =

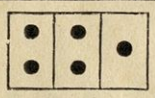
— 3. —

2 × 1 =	2 v 4 =	½ od 2 =
4 × 1 =	1 v 3 =	½ od 4 =
1 × 4 =	1 v 4 =	⅓ od 3 =
2 × 2 =	2 v 3 =	¼ od 4 =

***** 5 

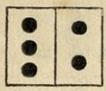


1 + 1 + 1 + 1 + 1 =
5 × 1 = | 1 v 5 = | 1/5 od 5 =



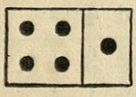
2 + 2 + 1 =
2 × 2 + 1 =

2 v 5 =



3 + 2 =
2 + 3 =
5 − 2 =
5 − 3 =

5 = 3 + .
5 = 2 + .
1 × 3 + 2 =
3 v 5 =



4 + 1 =
1 + 4 =
5 − 1 =
5 − 4 =

5 = 4 + .
5 = 1 + .
1 × 4 + 1 =
4 v 5 =

— 1. —

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

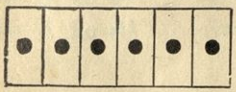
— 2. —

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

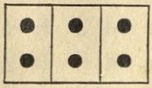
— 3. —

3 × 1 =	1 × 5 =	1 v 5 =	1/2 od 2 =
2 × 2 =	1 × 4 =	2 v 4 =	1/4 od 4 =
5 × 1 =	1 × 2 =	2 v 5 =	1/2 od 4 =
4 × 1 =	1 × 1 =	4 v 5 =	1/5 od 5 =

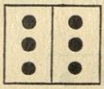
6



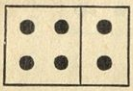
1 + 1 + 1 + 1 + 1 + 1 =
6 × 1 = | 1 v 6 = | 1/6 od 6 =



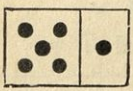
2 + 2 + 2 =	2 v 6 =
3 × 2 =	1/3 od 6 =



3 + 3 =	2 × 3 =
6 − 3 =	3 v 6 =
6 = 3 + .	1/2 od 6 =



4 + 2 =	6 = 4 + .
2 + 4 =	6 = 2 + .
6 − 2 =	1 × 4 + 2 =
6 − 4 =	4 v 6 =



5 + 1 =	6 = 5 + .
1 + 5 =	6 = 1 + .
6 − 1 =	1 × 5 + 1 =
6 − 5 =	5 v 6 =

— 1. —

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

— 2. —

1 + 4 =	1 + 5 =	6 = 4 + .	2 + . = 3
6 − 4 =	6 − 5 =	4 = 1 + .	1 + . = 6
2 + 4 =	1 + 1 =	5 = 3 + .	4 + . = 5
5 − 4 =	6 − 6 =	6 = 2 + .	2 + . = 6

— 3. —

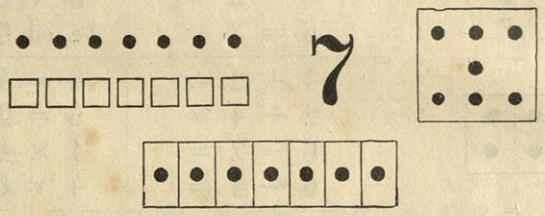
2 + 1 + 3 =	3 + 2 + 1 =	1 + 2 + 2 =
2 + 3 − 4 =	1 + 5 − 3 =	4 + 2 − 5 =
5 − 1 + 2 =	6 − 5 + 4 =	4 − 3 + 5 =
6 − 3 − 1 =	6 − 4 − 2 =	5 − 1 − 4 =

— 4. —

3 × 2 =	2 × . = 4	1 v 6 =	½ od 6 =
2 × 3 =	2 × . = 6	2 v 4 =	½ od 4 =
2 × 2 =	3 × . = 3	2 v 6 =	⅓ od 6 =
6 × 1 =	3 × . = 6	3 v 9 =	⅙ od 6 =

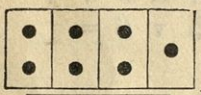
— 5. —

3 × 1 + 2 =	2 × 2 + 2 =	½ od 2 + 4 =
2 × 3 − 4 =	6 × 1 − 5 =	⅓ od 6 − 2 =
1 × 5 − 3 =	3 × 2 − 1 =	½ od 6 + 3 =

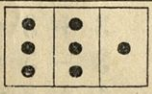


1 + 1 + 1 + 1 + 1 + 1 + 1 =

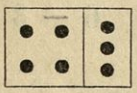
7 × 1 = | 1 v 7 = | ⅐ od 7 =



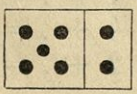
2 + 2 + 2 + 1 =	2 v 7 =
3 × 2 + 1 =	



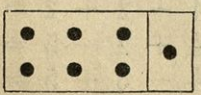
3 + 3 + 1 =	3 v 7 =
2 × 3 + 1 =	



4 + 3 =	7 = 4 + .
3 + 4 =	7 = 3 + .
7 − 3 =	1 × 4 + 3 =
7 − 4 =	4 v 7 =



5 + 2 =	7 = 5 + .
2 + 5 =	7 = 2 + .
7 − 2 =	1 × 5 + 2 =
7 − 5 =	5 v 7 =



6 + 1 =	7 = 6 + .
1 + 6 =	7 = 1 + .
7 − 1 =	1 × 6 + 1 =
7 − 6 =	6 v 7 =

– 1. –

1 + 2 =	3 + 2 =	6 + 1 =	4 + 1 =
3 − 1 =	5 − 1 =	7 − 2 =	5 − 2 =
2 + 2 =	4 + 2 =	5 + 1 =	3 + 1 =
4 − 1 =	6 − 1 =	6 − 2 =	4 − 2 =

– 2. –

4 + 3 =	2 + 3 =	1 + 5 =	1 + 3 =
7 − 4 =	5 − 4 =	6 − 3 =	5 − 4 =
3 + 3 =	1 + 3 =	3 + 4 =	2 + 5 =
6 − 4 =	4 − 4 =	7 − 6 =	7 − 7 =

– 3. –

2 + 1 =	7 = 6 + .	4 + . = 5	7 − 1 =
5 + 2 =	6 = 4 + .	5 + . = 7	3 − 2 =
2 + 3 =	5 = 2 + .	3 + . = 6	4 − 3 =
2 + 4 =	7 = 3 + .	1 + . = 6	7 − 5 =
1 + 6 =	4 = 1 + .	2 + . = 7	6 − 6 =

– 4. –

2 + 2 + 2 =	3 − 2 + 1 =	5 − 2 − 1 =
1 + 3 + 2 =	5 − 2 + 4 =	6 − 3 − 2 =
2 + 3 + 1 =	7 − 5 + 3 =	4 − 1 − 2 =
5 + 2 − 4 =	7 − 3 + 1 =	6 − 2 − 3 =
5 + 1 − 2 =	4 − 3 + 6 =	7 − 5 − 1 =
2 + 4 − 2 =	7 − 4 − 2 =	7 − 3 − 4 =

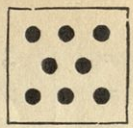
– 5. –

1 × 2 =	6 = 3 × .	2 v 4 =	½ od 4 =
2 × 2 =	4 = 2 × .	2 v 6 =	½ od 6 =
3 × 2 =	2 = 1 × .	3 v 6 =	⅓ od 3 =
2 × 3 =	6 = 2 × .	4 v 7 =	⅓ od 6 =
7 × 1 =	7 = 1 × .	5 v 7 =	¼ od 4 =

– 6. –

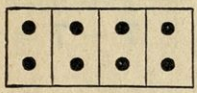
1 × 5 + 2 =	1 × 6 − 4 =	½ od 4 + 4 =
2 × 3 − 3 =	4 × 1 + 3 =	½ od 6 − 3 =
3 × 2 + 1 =	1 × 1 + 5 =	⅓ od 6 + 5 =
7 × 1 − 4 =	7 × 1 − 7 =	¼ od 4 + 4 =

8



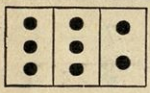
$1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 =$

$8 \times 1 =$ | 1 v $8 =$ | $\frac{1}{8}$ od $8 =$



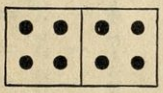
$2 + 2 + 2 + 2 =$ | 2 v $8 =$

$4 \times 2 =$ | $\frac{1}{4}$ od $8 =$



$3 + 3 + 2 =$

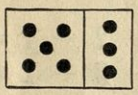
$2 \times 3 + 2 =$ | 3 v $8 =$



$4 + 4 =$ | $2 \times 4 =$

$8 - 4 =$ | 4 v $8 =$

$8 = 4 + .$ | $\frac{1}{2}$ od $8 =$

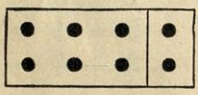


$5 + 3 =$ | $8 = 5 + .$

$3 + 5 =$ | $8 = 3 + .$

$8 - 3 =$ | $1 \times 5 + 3 =$

$8 - 5 =$ | 5 v $8 =$

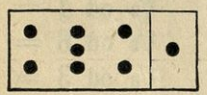


$6 + 2 =$ | $8 = 6 + .$

$2 + 6 =$ | $8 = 2 + .$

$8 - 2 =$ | $1 \times 6 + 2 =$

$8 - 6 =$ | 6 v $8 =$



$7 + 1 =$ | $8 = 7 + .$

$1 + 7 =$ | $8 = 1 + .$

$8 - 1 =$ | $1 \times 7 + 1 =$

$8 - 7 =$ | 7 v $8 =$

– 1. –

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

– 2. –

2 + 1 =	1 + 3 =	3 + 4 =	3 + 5 =
4 + 1 =	4 + 3 =	1 + 4 =	2 + 5 =
6 + 1 =	5 + 3 =	4 + 4 =	2 + 6 =
1 + 2 =	3 + 3 =	2 + 4 =	1 + 6 =
3 + 2 =	2 + 3 =	1 + 5 =	1 + 7 =

– 3. –

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

– 4. –

8 = 3 + .	2 + . = 8	3 + 1 + 1 =
6 = 4 + .	6 + . = 7	4 + 2 + 1 =
7 = 5 + .	1 + . = 5	2 + 3 + 3 =

– 5. –

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

– 6. –

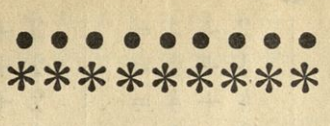
3 × 2 =	4 × 2 =	2 × . = 6	. × 1 = 6
2 × 4 =	1 × 6 =	1 × . = 7	. × 2 = 4
7 × 1 =	2 × 3 =	4 × . = 8	. × 4 = 8

– 7. –

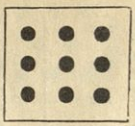
2 v 8 =	3 v 6 =	½ od 4 =	⅓ od 6 =
2 v 6 =	4 v 8 =	½ od 8 =	¼ od 8 =
2 v 5 =	5 v 7 =	½ od 6 =	⅛ od 8 =

– 8. –

2 × 2 + 4 =	2 × 4 − 5 =	½ od 4 + 5 =
3 × 2 + 1 =	2 × 3 − 2 =	⅓ od 6 + 6 =
4 × 1 + 3 =	7 × 1 − 4 =	½ od 8 − 3 =

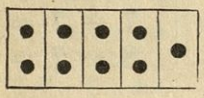


9

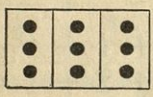


$1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 =$

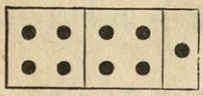
$9 \times 1 =$ | 1 v $9 =$ | $\frac{1}{9}$ od $9 =$



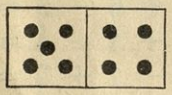
$2 + 2 + 2 + 2 + 1 =$
$4 \times 2 + 1 =$ | 2 v $9 =$



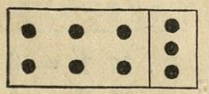
$3 + 3 + 3 =$
$3 \times 3 =$ | 3 v $9 =$
$\frac{1}{3}$ od $9 =$



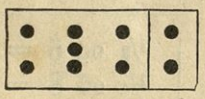
$4 + 4 + 1 =$
$2 \times 4 + 1 =$ | 4 v $9 =$



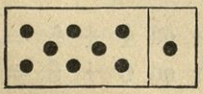
$5 + 4 =$
$4 + 5 =$
$9 - 4 =$
$9 - 5 =$ | $9 = 5 + .$
$9 = 4 + .$
$1 \times 5 + 4 =$
5 v $9 =$



$6 + 3 =$
$3 + 6 =$
$9 - 3 =$
$9 - 6 =$ | $9 = 6 + .$
$9 = 3 + .$
$1 \times 6 + 3 =$
6 v $9 =$



$7 + 2 =$
$2 + 7 =$
$9 - 2 =$
$9 - 7 =$ | $9 = 7 + .$
$9 = 2 + .$
$1 \times 7 + 2 =$
7 v $9 =$



$8 + 1 =$
$1 + 8 =$
$9 - 1 =$
$9 - 8 =$ | $9 = 8 + .$
$9 = 1 + .$
$1 \times 8 + 1 =$
8 v $9 =$

– 1. –

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

– 2. –

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

– 3. –

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

– 4. –

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

– 5. –

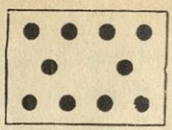
2 × 1 =	4 × 2 =	1 × 6 =	4 × 1 =
1 × 5 =	6 × 1 =	2 × 2 =	1 × 9 =
2 × 4 =	1 × 8 =	1 × 7 =	3 × 2 =
3 × 3 =	3 × 1 =	2 × 3 =	5 × 1 =

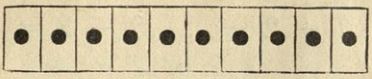
– 6. –

2 v 6 =	3 v 9 =	1/4 od 4 =	1/2 od 4 =
2 v 4 =	4 v 8 =	1/2 od 8 =	1/4 od 8 =
3 v 6 =	3 v 7 =	1/5 od 5 =	1/3 od 9 =
2 v 8 =	5 v 9 =	1/3 od 6 =	1/2 od 6 =

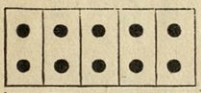
– 7. –

8 = 2 × .	. × 2 = 4	2 × 3 + 1 =
6 = 3 × .	. × 4 = 8	3 × 3 − 7 =
9 = 3 × .	. × 2 = 6	1/2 od 8 + 5 =
6 = 2 × .	. × 1 = 9	1/3 od 9 − 2 =

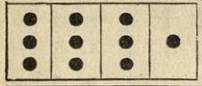




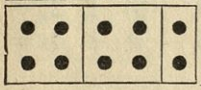
1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 =
10 × 1 = | 1 v 10 = | 1/10 od 10 =



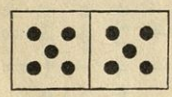
2 + 2 + 2 + 2 + 2 =
5 × 2 =
2 v 10 =
1/5 od 10 =



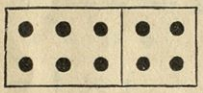
3 + 3 + 3 + 1 =
3 × 3 + 1 =
3 v 10 =



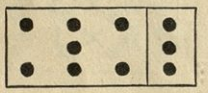
4 + 4 + 2 =
2 × 4 + 2 =
4 v 10 =



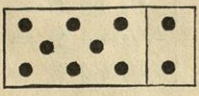
5 + 5 =
10 − 5 =
10 = 5 + .
2 × 5 =
5 v 10 =
1/2 od 10 =



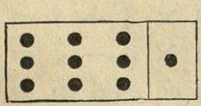
6 + 4 =
4 + 6 =
10 − 4 =
10 − 6 =
10 = 6 + .
10 = 4 + .
1 × 6 + 4 =
6 v 10 =



7 + 3 =
3 + 7 =
10 − 3 =
10 − 7 =
10 = 7 + .
10 = 3 + .
1 × 7 + 3 =
7 v 10 =



8 + 2 =
2 + 8 =
10 − 2 =
10 − 8 =
10 = 8 + .
10 = 2 + .
1 × 8 + 2 =
8 v 10 =



9 + 1 =
1 + 9 =
10 − 1 =
10 − 9 =
10 = 9 + .
10 = 1 + .
1 × 9 + 1 =
9 v 10 =

— 1. —

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

— 2. —

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

— 3. —

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

— 4. —

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

— 5. —

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

— 6. —

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

— 7. —

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

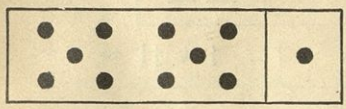
— 8. —

½ od 10 =	½ od 6 =	¼ od 8 =	⅙ od 6 =
½ od 4 =	⅓ od 9 =	¼ od 4 =	⅛ od 8 =
½ od 8 =	⅓ od 3 =	⅕ od 5 =	1/9 od 9 =
½ od 2 =	⅓ od 6 =	⅕ od 10 =	1/10 od 10 =

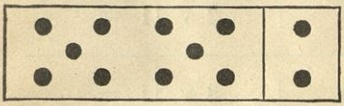
— 9. —

2 × 3 + 4 =	3 × 2 + 4 =	¼ od 8 + 7 =
3 × 1 + 5 =	3 × 2 − 4 =	⅕ od 10 + 6 =
2 × 2 + 6 =	2 × 2 + 2 =	½ od 6 − 3 =
5 × 2 − 7 =	2 × 2 − 2 =	½ od 10 − 4 =
2 × 4 − 5 =	3 × 3 + 1 =	⅓ od 9 − 2 =
2 × 5 − 6 =	3 × 3 − 1 =	½ od 8 − 3 =

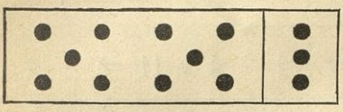
II. Števila razširjena do dvajset.



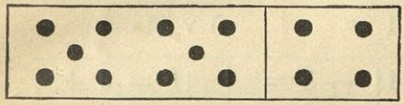
10 + 1 = 11



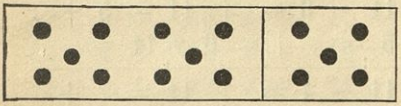
10 + 2 = 12



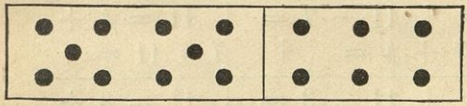
10 + 3 = 13



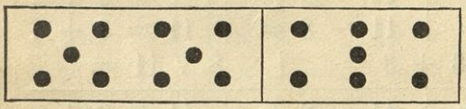
10 + 4 = 14



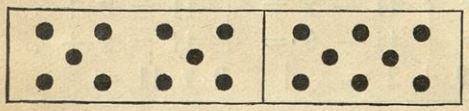
10 + 5 = 15



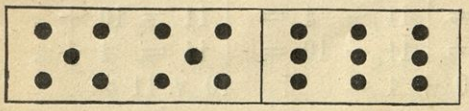
10 + 6 = 16



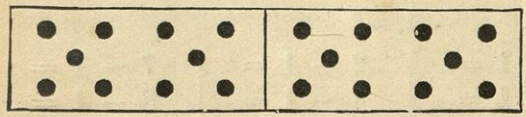
10 + 7 = 17



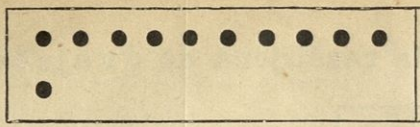
10 + 8 = 18



10 + 9 = 19

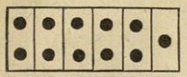


10 + 10 = 20

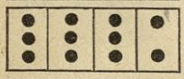


11

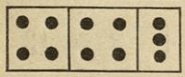
$11 \times 1 =$ | $1 \text{ v } 11 =$



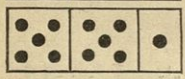
$5 \times 2 + 1 =$ | $2 \text{ v } 11 =$



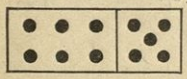
$3 \times 3 + 2 =$ | $3 \text{ v } 11 =$



$2 \times 4 + 3 =$ | $4 \text{ v } 11 =$



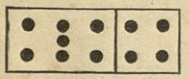
$2 \times 5 + 1 =$ | $5 \text{ v } 11 =$



$6 + 5 =$ | $11 - 5 =$ | $11 = 6 + .$

$5 + 6 =$ | $11 - 6 =$ | $11 = 5 + .$

$1 \times 6 + 5 =$ | $6 \text{ v } 11 =$



$7 + 4 =$ | $11 - 4 =$ | $11 = 7 + .$

$4 + 7 =$ | $11 - 7 =$ | $11 = 4 + .$

$1 \times 7 + 4 =$ | $7 \text{ v } 11 =$

$8 + 3 =$ | $11 - 3 =$ | $11 = 8 + .$

$3 + 8 =$ | $11 - 8 =$ | $11 = 3 + .$

$1 \times 8 + 3 =$ | $8 \text{ v } 11 =$

$9 + 2 =$ | $11 - 2 =$ | $11 = 9 + .$

$2 + 9 =$ | $11 - 9 =$ | $11 = 2 + .$

$1 \times 9 + 2 =$ | $9 \text{ v } 11 =$

$10 + 1 =$ | $11 - 1 =$ | $11 = 10 + .$

$1 + 10 =$ | $11 - 10 =$ | $11 = 1 + .$

$1 \times 10 + 1 =$ | $10 \text{ v } 11 =$

– 1. –

$1 + 1 =$	$6 + 1 =$	$2 - 1 =$	$7 - 1 =$
$2 + 1 =$	$7 + 1 =$	$3 - 1 =$	$8 - 1 =$
$3 + 1 =$	$8 + 1 =$	$4 - 1 =$	$9 - 1 =$
$4 + 1 =$	$9 + 1 =$	$5 - 1 =$	$10 - 1 =$
$5 + 1 =$	$10 + 1 =$	$6 - 1 =$	$11 - 1 =$

— 2. —

3 + 1 =	5 + 1 =	9 − 1 =	8 − 1 =	5 + 1 + 1 =
8 + 1 =	9 + 1 =	6 − 1 =	2 − 1 =	8 + 1 + 1 =
4 + 1 =	2 + 1 =	11 − 1 =	10 − 1 =	7 − 1 − 1 =
7 + 1 =	6 + 1 =	3 − 1 =	4 − 1 =	10 − 1 − 1 =
10 + 1 =	1 + 1 =	5 − 1 =	7 − 1 =	6 + 1 − 1 =

— 3. —

9 + 1 =	5 + 5 =	7 + 4 =	9 + 2 =	3 + 8 =
8 + 2 =	4 + 6 =	7 + 3 = 10	5 + 6 =	2 + 9 =
7 + 3 =	3 + 7 =	10 + 1 = 11	8 + 3 =	6 + 5 =
6 + 4 =	2 + 8 =	7 + 4 = 11	4 + 7 =	

— 4. —

10 − 1 =	10 − 7 =	11 − 4 =	11 − 2 =	11 − 6 =
10 − 2 =	10 − 5 =	11 − 1 = 10	11 − 5 =	11 − 9 =
10 − 4 =	10 − 6 =	10 − 3 = 7	11 − 8 =	11 − 7 =
10 − 8 =	10 − 3 =	11 − 4 = 7	11 − 3 =	

— 5. —

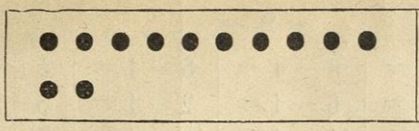
5 × 2 =	4 × 1 =	6 = . × 3	2 × 4 + 3 =
2 × 4 =	3 × 2 =	8 = . × 2	3 × 2 + 5 =
3 × 3 =	1 × 9 =	10 = . × 5	1 × 5 + 4 =
4 × 2 =	2 × 2 =	9 = 3 × .	5 × 2 − 7 =
2 × 3 =	2 × 5 =	4 = 4 × .	3 × 3 − 6 =

— 6. —

2 v 10 =	4 v 4 =	2 v 5 =	4 v 6 =	7 v 10 =
2 v 6 =	4 v 8 =	2 v 9 =	4 v 11 =	8 v 9 =
2 v 8 =	5 v 10 =	2 v 11 =	5 v 7 =	8 v 11 =
3 v 9 =	6 v 6 =	3 v 8 =	5 v 11 =	9 v 10 =
3 v 6 =	9 v 9 =	3 v 11 =	6 v 11 =	9 v 11 =

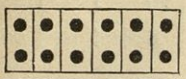
— 7. —

1/2 od 6 =	1/2 od 2 =	1/4 od 8 =	1/6 od 6 =
1/2 od 10 =	1/3 od 9 =	1/4 od 4 =	1/8 od 8 =
1/2 od 4 =	1/3 od 3 =	1/5 od 5 =	1/9 od 9 =
1/2 od 8 =	1/3 od 6 =	1/5 od 10 =	1/10 od 10 =



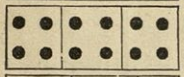
12

$12 \times 1 =$ | $1 \text{ v } 12 =$

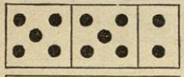


$6 \times 2 =$ | $2 \text{ v } 12 =$ | $1/6 \text{ od } 12 =$

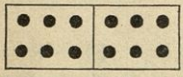
$4 \times 3 =$ | $3 \text{ v } 12 =$ | $1/4 \text{ od } 12 =$



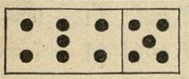
$3 \times 4 =$ | $4 \text{ v } 12 =$ | $1/3 \text{ od } 12 =$



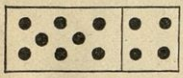
$2 \times 5 + 2 =$ | $5 \text{ v } 12 =$



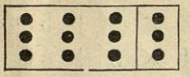
$6 + 6 =$ | $12 - 6 =$ | $12 = 6 + .$
$2 \times 6 =$ | $6 \text{ v } 12 =$ | $1/2 \text{ od } 12 =$



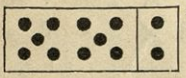
$7 + 5 =$ | $12 - 5 =$ | $12 = 7 + .$
$5 + 7 =$ | $12 - 7 =$ | $12 = 5 + .$
$1 \times 7 + 5 =$ | $7 \text{ v } 12 =$



$8 + 4 =$ | $12 - 4 =$ | $12 = 8 + .$
$4 + 8 =$ | $12 - 8 =$ | $12 = 4 + .$
$1 \times 8 + 4 =$ | $8 \text{ v } 12 =$



$9 + 3 =$ | $12 - 3 =$ | $12 = 9 + .$
$3 + 9 =$ | $12 - 9 =$ | $12 = 3 + .$
$1 \times 9 + 3 =$ | $9 \text{ v } 12 =$



$10 + 2 =$ | $12 - 2 =$ | $12 = 10 + .$
$2 + 10 =$ | $12 - 10 =$ | $12 = 2 + .$
$1 \times 10 + 2 =$ | $10 \text{ v } 12 =$

— 1. —

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

— 2. —

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

— 3. —

7+2+2 =	10−2−2 =	9+2−2 =	11−1+2 =
8+2+2 =	8−2−2 =	11+1−2 =	6−2+2 =
6+2+1 =	12−2−1 =	8+2−1 =	5−1+2 =
9+1+2 =	7−1−2 =	10+1−2 =	7−2+1 =
3+2+1 =	9−2−1 =	7+2−1 =	9−2+2 =

— 4. —

9 + 1 =	7 + 4 =	4 + 8 =	11 − 1 =	12 − 2 =
9 + 3 =	6 + 4 =	4 + 7 =	11 − 3 =	12 − 3 =
9 + 2 =	6 + 5 =	3 + 7 =	11 − 5 =	12 − 6 =
8 + 2 =	6 + 6 =	3 + 8 =	11 − 7 =	12 − 4 =
8 + 3 =	5 + 5 =	3 + 9 =	11 − 9 =	12 − 7 =
8 + 4 =	5 + 6 =	2 + 8 =	11 − 4 =	12 − 5 =
7 + 3 =	5 + 7 =	2 + 9 =	11 − 2 =	12 − 9 =
7 + 5 =	4 + 6 =	1 + 9 =	11 − 8 =	12 − 8 =

— 5. —

3 × 4 =	2 × 2 =	2 × 6 =	4 × 3 =	6 = . × 2
5 × 2 =	7 × 1 =	3 × 2 =	1 × 6 =	12 = . × 3
2 × 3 =	3 × 3 =	8 × 1 =	9 × 1 =	8 = . × 2
6 × 2 =	2 × 5 =	4 × 2 =	1 × 10 =	10 = 5 × .
2 × 4 =	1 × 9 =	1 × 7 =	3 × 1 =	12 = 2 × .

— 6. —

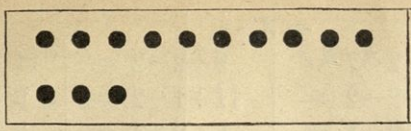
2 v 4 =	2 v 8 =	2 v 9 =	2 v 10 =	2 v 12 =
3 v 4 =	3 v 8 =	3 v 9 =	3 v 10 =	3 v 12 =
2 v 6 =	4 v 8 =	5 v 9 =	4 v 10 =	4 v 12 =
3 v 6 =	5 v 8 =	6 v 9 =	5 v 10 =	5 v 12 =
5 v 6 =	7 v 8 =	8 v 9 =	7 v 10 =	6 v 12 =

— 7. —

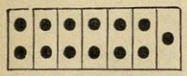
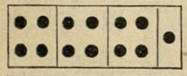
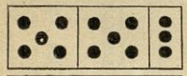
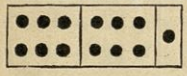
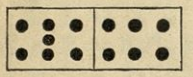
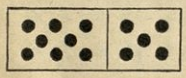
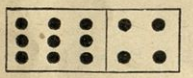
1/2 od 6 =	1/2 od 8 =	1/9 od 9 =	1/2 od 12 =
1/3 od 6 =	1/4 od 8 =	1/2 od 10 =	1/3 od 12 =
1/6 od 6 =	1/8 od 8 =	1/5 od 10 =	1/4 od 12 =
1/7 od 7 =	1/3 od 9 =	1/10 od 10 =	1/6 od 12 =

— 8. —

2 × 5 + 2 =	5 × 2 + 1 =	2 × 2 + 5 =
6 × 2 − 3 =	4 × 3 − 5 =	2 × 4 − 3 =
3 × 3 + 3 =	3 × 2 + 6 =	6 × 1 + 4 =
3 × 4 − 4 =	2 × 6 − 7 =	1 × 9 − 2 =



13

	$13 \times 1 =$	$1 \text{ v } 13 =$
	$6 \times 2 + 1 =$	$2 \text{ v } 13 =$
	$4 \times 3 + 1 =$	$3 \text{ v } 13 =$
	$3 \times 4 + 1 =$	$4 \text{ v } 13 =$
	$2 \times 5 + 3 =$	$5 \text{ v } 13 =$
	$2 \times 6 + 1 =$	$6 \text{ v } 13 =$
	$7 + 6 =$ / $6 + 7 =$ / $1 \times 7 + 6 =$	$13 - 6 =$ / $13 - 7 =$	$13 = 7 + .$ / $13 = 6 + .$ / $7 \text{ v } 13 =$
	$8 + 5 =$ / $5 + 8 =$ / $1 \times 8 + 5 =$	$13 - 5 =$ / $13 - 8 =$	$13 = 8 + .$ / $13 = 5 + .$ / $8 \text{ v } 13 =$
	$9 + 4 =$ / $4 + 9 =$ / $1 \times 9 + 4 =$	$13 - 4 =$ / $13 - 9 =$	$13 = 9 + .$ / $13 = 4 + .$ / $9 \text{ v } 13 =$
	$10 + 3 =$ / $3 + 10 =$ / $1 \times 10 + 3 =$	$13 - 3 =$ / $13 - 10 =$	$13 = 10 + .$ / $13 = 3 + .$ / $10 \text{ v } 13 =$

– 1. –

$1 + 3 =$	$6 + 3 =$	$4 - 3 =$	$9 - 3 =$
$2 + 3 =$	$7 + 3 =$	$5 - 3 =$	$10 - 3 =$
$3 + 3 =$	$8 + 3 =$	$6 - 3 =$	$11 - 3 =$
$4 + 3 =$	$9 + 3 =$	$7 - 3 =$	$12 - 3 =$
$5 + 3 =$	$10 + 3 =$	$8 - 3 =$	$13 - 3 =$

– 2. –

$7 + 3 =$	$2 + 3 =$	$1 + 3 =$	$4 - 3 =$	$12 - 3 =$
$4 + 3 =$	$6 + 3 =$	$8 + 3 =$	$11 - 3 =$	$9 - 3 =$
$10 + 3 =$	$9 + 3 =$	$10 - 3 =$	$8 - 3 =$	$6 - 3 =$
$3 + 3 =$	$5 + 3 =$	$7 - 3 =$	$5 - 3 =$	$13 - 3 =$

— 3. —

7+3+3 =	13−3−3 =	8+3−2 =	6+3+2+1 =
5+3+3 =	11−3−3 =	6+2−3 =	12+1−2−3 =
6+3+3 =	9−3−3 =	9+3−3 =	10−3+2+3 =
8+3+2 =	12−3−2 =	13−3+2 =	5+3+3−2 =
4+3+1 =	10−3−1 =	11−2+3 =	7+2−1+3 =
9+2+2 =	8−2−1 =	10−1+3 =	11−3+2+1 =

— 4. —

9 + 1 =	7 + 3 =	5 + 5 =	11 − 1 =	12 − 6 =
9 + 4 =	7 + 5 =	5 + 8 =	11 − 6 =	13 − 3 =
9 + 2 =	7 + 4 =	5 + 6 =	11 − 4 =	13 − 5 =
9 + 3 =	7 + 6 =	4 + 6 =	11 − 7 =	13 − 7 =
8 + 2 =	6 + 4 =	4 + 9 =	12 − 2 =	13 − 9 =
8 + 4 =	6 + 7 =	4 + 7 =	12 − 5 =	13 − 8 =
8 + 3 =	6 + 6 =	3 + 7 =	12 − 8 =	13 − 6 =
8 + 5 =	6 + 5 =	3 + 9 =	12 − 3 =	13 − 4 =

— 5. —

3 × 2 =	5 × 2 =	3 × 4 =	2 × 5 =	10 = . × 5
6 × 2 =	3 × 1 =	2 × 4 =	2 × 6 =	6 = . × 2
4 × 2 =	3 × 3 =	4 × 1 =	7 × 1 =	12 = 3 × .
2 × 2 =	3 × 2 =	4 × 3 =	1 × 9 =	8 = 4 × .

— 6. —

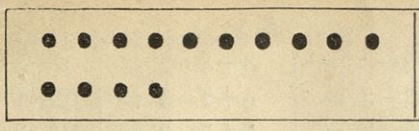
2 v 10 =	3 v 6 =	4 v 8 =	6 v 6 =
2 v 4 =	3 v 12 =	4 v 12 =	6 v 12 =
2 v 6 =	3 v 3 =	5 v 5 =	7 v 11 =
2 v 8 =	3 v 9 =	5 v 10 =	9 v 12 =

— 7. —

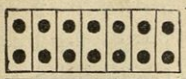
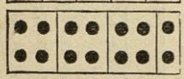
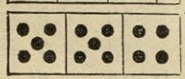
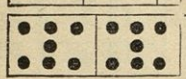
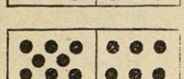
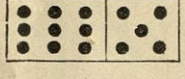
½ od 10 =	½ od 6 =	⅓ od 12 =	⅕ od 10 =
½ od 8 =	½ od 2 =	¼ od 4 =	⅕ od 5 =
½ od 4 =	⅓ od 9 =	¼ od 8 =	⅙ od 6 =
½ od 12 =	⅓ od 3 =	¼ od 12 =	⅙ od 12 =

— 8. —

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



14

	$14 \times 1 =$	1 v $14 =$	
	$7 \times 2 =$	2 v $14 =$	$1/7$ od $14 =$
	$4 \times 3 + 2 =$	3 v $14 =$	
	$3 \times 4 + 2 =$	4 v $14 =$	
	$2 \times 5 + 4 =$	5 v $14 =$	
	$2 \times 6 + 2 =$	6 v $14 =$	
	$7 + 7 =$ $2 \times 7 =$	$14 - 7 =$ 7 v $14 =$	$14 = 7 + .$ $1/2$ od $14 =$
	$8 + 6 =$ $6 + 8 =$ $1 \times 8 + 6 =$	$14 - 6 =$ $14 - 8 =$ 8 v $14 =$	$14 = 8 + .$ $14 = 6 + .$
	$9 + 5 =$ $5 + 9 =$ $1 \times 9 + 5 =$	$14 - 5 =$ $14 - 9 =$ 9 v $14 =$	$14 = 9 + .$ $14 = 5 + .$
	$10 + 4 =$ $4 + 10 =$ $1 \times 10 + 4 =$	$14 - 4 =$ $14 - 10 =$ 10 v $14 =$	$14 = 10 + .$ $14 = 4 + .$

– 1. –

$1 + 4 =$	$6 + 4 =$	$5 - 4 =$	$10 - 4 =$
$2 + 4 =$	$7 + 4 =$	$6 - 4 =$	$11 - 4 =$
$3 + 4 =$	$8 + 4 =$	$7 - 4 =$	$12 - 4 =$
$4 + 4 =$	$9 + 4 =$	$8 - 4 =$	$13 - 4 =$
$5 + 4 =$	$10 + 4 =$	$9 - 4 =$	$14 - 4 =$

– 2. –

$3 + 4 =$	$12 - 4 =$	$5 + 2 =$	$7 - 2 =$	$2 + 3 =$
$7 + 4 =$	$8 - 4 =$	$9 + 2 =$	$11 - 2 =$	$5 + 3 =$
$4 + 4 =$	$10 - 4 =$	$8 + 2 =$	$12 - 3 =$	$8 + 3 =$
$9 + 4 =$	$6 - 4 =$	$4 + 2 =$	$6 - 3 =$	$4 + 3 =$

— 3. —

6+4+4 =	14−4−4 =	9+4−3 =	2+4+4+4 =
3+4+4 =	12−4−4 =	8+4−3 =	13−4−4−4 =
4+4+4 =	9−4−4 =	10+3−4 =	7+4+3−4 =
7+4+3 =	11−4−3 =	7+4−2 =	9+4−4+3 =
8+4+1 =	10−4−2 =	13−4+3 =	3+4−3+2 =
10+1+3 =	7−2−3 =	12−4+2 =	8+3−2+4 =
9+2+3 =	8−4−1 =	11−3+4 =	7−4−1+3 =
2+4+1 =	6−2−3 =	9−2+4 =	6+3−2+4 =

— 4. —

9 + 3 =	6 + 6 =	11 − 4 =	13 − 5 =	14 − 4 =
9 + 5 =	6 + 8 =	11 − 6 =	13 − 9 =	14 − 6 =
8 + 6 =	5 + 6 =	11 − 8 =	13 − 6 =	14 − 9 =
8 + 4 =	5 + 9 =	12 − 5 =	13 − 4 =	14 − 8 =
7 + 5 =	4 + 7 =	12 − 3 =	13 − 8 =	14 − 5 =
7 + 7 =	4 + 9 =	12 − 9 =	13 − 7 =	14 − 7 =

— 5. —

2 × 4 =	2 × 2 =	3 × 3 =	6 × 1 =	12 = . × 4
2 × 6 =	2 × 5 =	4 × 3 =	6 × 2 =	10 = . × 2
2 × 3 =	3 × 4 =	4 × 2 =	7 × 2 =	14 = 2 × .
2 × 7 =	3 × 2 =	5 × 2 =	8 × 1 =	9 = 3 × .

— 6. —

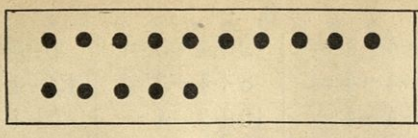
2 v 6 =	3 v 12 =	2 v 14 =	2 v 13 =
4 v 12 =	2 v 8 =	2 v 4 =	3 v 10 =
7 v 14 =	4 v 8 =	3 v 3 =	4 v 14 =
3 v 9 =	2 v 10 =	2 v 12 =	5 v 12 =
5 v 10 =	3 v 6 =	8 v 8 =	6 v 11 =

— 7. —

1/3 od 6 =	1/8 od 8 =	1/3 od 12 =	1/2 od 10 =
1/5 od 10 =	1/6 od 12 =	1/7 od 14 =	1/4 od 8 =
1/4 od 12 =	1/3 od 9 =	1/4 od 4 =	1/6 od 6 =
1/2 od 14 =	1/2 od 4 =	1/2 od 8 =	1/2 od 12 =

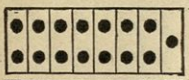
— 8. —

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



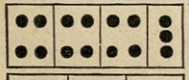
15

$15 \times 1 =$ | $1 \text{ v } 15 =$

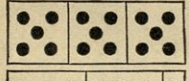


$7 \times 2 + 1 =$ | $2 \text{ v } 15 =$

$5 \times 3 =$ | $3 \text{ v } 15 =$ | $\frac{1}{5}$ od $15 =$

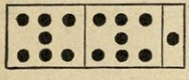


$3 \times 4 + 3 =$ | $4 \text{ v } 15 =$

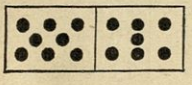


$3 \times 5 =$ | $5 \text{ v } 15 =$ | $\frac{1}{3}$ od $15 =$

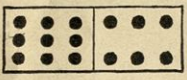
$2 \times 6 + 3 =$ | $6 \text{ v } 15 =$



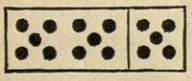
$2 \times 7 + 1 =$ | $7 \text{ v } 15 =$



$8 + 7 =$ | $15 - 7 =$ | $15 = 8 + .$
$7 + 8 =$ | $15 - 8 =$ | $15 = 7 + .$
$1 \times 8 + 7 =$ | $8 \text{ v } 15 =$



$9 + 6 =$ | $15 - 6 =$ | $15 = 9 + .$
$6 + 9 =$ | $15 - 9 =$ | $15 = 6 + .$
$1 \times 9 + 6 =$ | $9 \text{ v } 15 =$



$10 + 5 =$ | $15 - 5 =$ | $15 = 10 + .$
$5 + 10 =$ | $15 - 10 =$ | $15 = 5 + .$
$1 \times 10 + 5 =$ | $10 \text{ v } 15 =$

— 1. —

$1 + 5 =$	$6 + 5 =$	$6 - 5 =$	$11 - 5 =$
$2 + 5 =$	$7 + 5 =$	$7 - 5 =$	$12 - 5 =$
$3 + 5 =$	$8 + 5 =$	$8 - 5 =$	$13 - 5 =$
$4 + 5 =$	$9 + 5 =$	$9 - 5 =$	$14 - 5 =$
$5 + 5 =$	$10 + 5 =$	$10 - 5 =$	$15 - 5 =$

— 2. —

$7 + 5 =$	$3 + 5 =$	$11 - 5 =$	$7 + 4 =$	$5 + 3 =$
$2 + 5 =$	$8 + 5 =$	$6 - 5 =$	$7 - 4 =$	$5 - 3 =$
$9 + 5 =$	$14 - 5 =$	$13 - 5 =$	$10 + 4 =$	$9 + 3 =$
$4 + 5 =$	$9 - 5 =$	$7 - 5 =$	$10 - 4 =$	$9 - 3 =$

— 3. —

12 + 3 =	11 + 2 =	15 − 4 =	13 − 1 =
2 + 3 = 5	11 + 4 =	5 − 4 = 1	14 − 2 =
10 + 5 = 15	12 + 2 =	10 + 1 = 11	14 − 3 =
12 + 3 = 15	13 + 2 =	15 − 4 = 11	15 − 1 =
	14 + 1 =		15 − 3 =

— 4. —

5+5+5 =	14−5−5 =	9+5−4 =	2+3+4+5 =
2+5+5 =	11−5−5 =	11+4−5 =	15−3−5−4 =
4+5+5 =	13−5−5 =	3+5−2 =	12+3−4−5 =
7+5+3 =	12−5−4 =	8−5+4 =	13+1−5+3 =
8+5+2 =	10−5−3 =	13−4+5 =	3+5+4−2 =
6+3+5 =	8−5−2 =	10−3+4 =	7−2+5−3 =

— 5. —

9 + 4 =	7 + 8 =	11 − 6 =	13 − 7 =	15 − 8 =
9 + 6 =	7 + 7 =	11 − 8 =	13 − 9 =	15 − 7 =
8 + 7 =	6 + 6 =	12 − 9 =	14 − 8 =	15 − 9 =
8 + 5 =	6 + 9 =	12 − 7 =	14 − 6 =	15 − 6 =

— 6. —

2 × 4 =	3 × 2 =	5 × 3 =	7 × 2 =	15 = . × 3
3 × 5 =	2 × 6 =	2 × 7 =	4 × 3 =	12 = . × 4
4 × 2 =	3 × 4 =	5 × 2 =	6 × 2 =	10 = 2 × .
2 × 5 =	2 × 2 =	3 × 3 =	2 × 3 =	15 = 5 × .

— 7. —

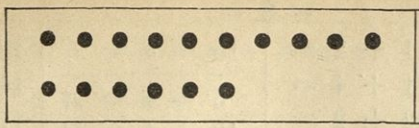
2 v 8 =	2 v 10 =	2 v 12 =	2 v 14 =	2 v 15 =
3 v 8 =	3 v 10 =	3 v 12 =	3 v 14 =	3 v 15 =
4 v 8 =	4 v 10 =	4 v 12 =	5 v 14 =	4 v 15 =
5 v 8 =	5 v 10 =	6 v 12 =	7 v 14 =	5 v 15 =

— 8. —

1/2 od 12 =	1/5 od 10 =	1/8 od 8 =	1/3 od 3 =
1/3 od 6 =	1/4 od 8 =	1/5 od 15 =	1/7 od 14 =
1/2 od 4 =	1/2 od 8 =	1/2 od 10 =	1/3 od 9 =
1/3 od 12 =	1/3 od 15 =	1/2 od 14 =	1/4 od 12 =

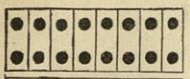
— 9. —

5 × 2 + 5 =	3 × 5 − 4 =	3 × 3 + 6 =
2 × 6 − 3 =	4 × 3 + 3 =	6 × 2 − 5 =
7 × 2 + 1 =	2 × 7 − 5 =	2 × 5 + 4 =



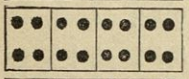
16

$16 \times 1 =$ | 1 v $16 =$



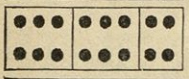
$8 \times 2 =$ | 2 v $16 =$ | $1/8$ od $16 =$

$5 \times 3 + 1 =$ | 3 v $16 =$

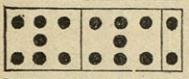


$4 \times 4 =$ | 4 v $16 =$ | $1/4$ od $16 =$

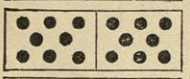
$3 \times 5 + 1 =$ | 5 v $16 =$



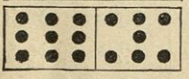
$2 \times 6 + 4 =$ | 6 v $16 =$



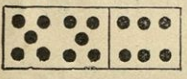
$2 \times 7 + 2 =$ | 7 v $16 =$



$8 + 8 =$ | $16 - 8 =$ | $16 = 8 + .$
$2 \times 8 =$ | 8 v $16 =$ | $1/2$ od $16 = .$



$9 + 7 =$ | $16 - 7 =$ | $16 = 9 + .$
$7 + 9 =$ | $16 - 9 =$ | $16 = 7 + .$
$1 \times 9 + 7 =$ | 9 v $16 =$



$10 + 6 =$ | $16 - 6 =$ | $16 = 10 + .$
$6 + 10 =$ | $16 - 10 =$ | $16 = 6 + .$
$1 \times 10 + 6 =$ | 10 v $16 =$

– 1. –

$1 + 6 =$	$6 + 6 =$	$7 - 6 =$	$12 - 6 =$
$2 + 6 =$	$7 + 6 =$	$8 - 6 =$	$13 - 6 =$
$3 + 6 =$	$8 + 6 =$	$9 - 6 =$	$14 - 6 =$
$4 + 6 =$	$9 + 6 =$	$10 - 6 =$	$15 - 6 =$
$5 + 6 =$	$10 + 6 =$	$11 - 6 =$	$16 - 6 =$

– 2. –

$4 + 6 =$	$12 - 6 =$	$12 + 1 =$	$13 + 3 =$	$12 + 4 =$
$7 + 6 =$	$15 - 6 =$	$12 - 1 =$	$13 - 3 =$	$11 + 5 =$
$8 + 6 =$	$9 - 6 =$	$14 + 2 =$	$11 + 4 =$	$14 - 3 =$
$3 + 6 =$	$13 - 6 =$	$14 - 2 =$	$15 - 4 =$	$15 - 2 =$
$5 + 6 =$	$10 - 6 =$	$16 - 2 =$	$16 - 4 =$	$16 - 3 =$

— 3. —

4+6+6 =	15−6−6 =	9+6−4 =	4+4+4+4 =
1+6+6 =	12−6−6 =	11+5−6 =	15−6−6−2 =
3+6+6 =	9−6−2 =	13+2−6 =	9+6−4+5 =
7+6+2 =	11−6−4 =	15−6+5 =	3+6+6−4 =
8+1+6 =	16−3−6 =	12−4+6 =	12−6+3+6 =
5+6+5 =	13−6−5 =	10−6+3 =	16−6−2+5 =

— 4. —

9 + 5 =	6 + 7 =	9 + . = 10	6 + . = 10	11 − 5 =
9 + 7 =	6 + 9 =	9 + . = 12	6 + . = 15	12 − 7 =
8 + 6 =	5 + 6 =	9 + . = 16	5 + . = 10	13 − 9 =
8 + 8 =	5 + 8 =	8 + . = 10	5 + . = 12	14 − 8 =
8 + 4 =	4 + 7 =	8 + . = 16	4 + . = 10	15 − 6 =
7 + 7 =	4 + 9 =	8 + . = 12	4 + . = 13	16 − 7 =
7 + 5 =	3 + 9 =	7 + . = 10	3 + . = 11	16 − 9 =
7 + 9 =	3 + 8 =	7 + . = 16	2 + . = 10	16 − 8 =

— 5. —

2 × 7 =	8 × 2 =	5 × 2 =	2 × 8 =	16 = 2 × .
3 × 4 =	2 × 3 =	2 × 4 =	3 × 3 =	14 = 7 × .
4 × 4 =	2 × 5 =	7 × 2 =	4 × 2 =	12 = . × 3
5 × 3 =	4 × 3 =	3 × 5 =	2 × 6 =	16 = . × 4

— 6. —

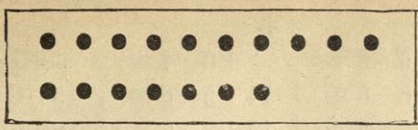
2 v 14 =	3 v 12 =	4 v 16 =	3 v 11 =	2 v 7 =
8 v 16 =	2 v 6 =	5 v 10 =	5 v 13 =	4 v 13 =
5 v 10 =	6 v 12 =	3 v 15 =	7 v 16 =	6 v 15 =
2 v 16 =	3 v 9 =	2 v 8 =	9 v 14 =	8 v 12 =

— 7. —

1/8 od 16 =	1/2 od 10 =	1/2 od 16 =	1/2 od 14 =
1/2 od 6 =	1/4 od 12 =	1/3 od 9 =	1/3 od 12 =
1/5 od 10 =	1/5 od 15 =	1/4 od 8 =	1/4 od 16 =
1/2 od 4 =	1/7 od 14 =	1/2 od 12 =	1/3 od 15 =

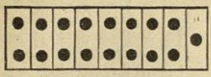
— 8. —

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



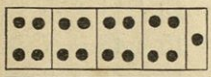
17

17 × 1 = | 1 v 17 =



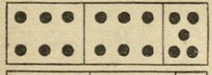
8 × 2 + 1 = | 2 v 17 =

5 × 3 + 2 = | 3 v 17 =



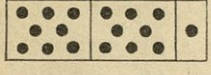
4 × 4 + 1 = | 4 v 17 =

3 × 5 + 2 = | 5 v 17 =

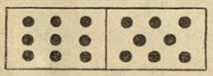


2 × 6 + 5 = | 6 v 17 =

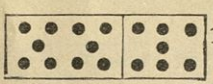
2 × 7 + 3 = | 7 v 17 =



2 × 8 + 1 = | 8 v 17 =



9 + 8 = | 17 − 8 = | 17 = 9 + .
8 + 9 = | 17 − 9 = | 17 = 8 + .
1 × 9 + 8 = | 9 v 17 =



10 + 7 = | 17 − 7 = | 17 = 10 + .
7 + 10 = | 17 − 10 = | 17 = 7 + .
1 × 10 + 7 = | 10 v 17 =

— 1. —

1 + 7 =	6 + 7 =	8 − 7 =	13 − 7 =
2 + 7 =	7 + 7 =	9 − 7 =	14 − 7 =
3 + 7 =	8 + 7 =	10 − 7 =	15 − 7 =
4 + 7 =	9 + 7 =	11 − 7 =	16 − 7 =
5 + 7 =	10 + 7 =	12 − 7 =	17 − 7 =

— 2. —

9 + 7 =	11 − 7 =	5 + 3 =	17 − 4 =	12 + 5 =
3 + 7 =	16 − 7 =	8 + 3 =	13 − 4 =	9 + 5 =
7 + 7 =	9 − 7 =	11 + 3 =	9 − 4 =	17 − 6 =
2 + 7 =	12 − 7 =	14 + 3 =	5 − 4 =	11 − 6 =
6 + 7 =	15 − 7 =	10 + 7 =	17 − 5 =	17 − 7 =

— 3. —

3+7+7 =	17−7−7 =	8+7−6 =	2+4+7+4 =
1+7+7 =	15−7−7 =	11+5−7 =	17−3−5−7 =
5+7+4 =	16−7−6 =	9+7−4 =	8+7−2−6 =
8+2+7 =	12−4−7 =	17−6+5 =	12+5−7+4 =
4+7+6 =	14−7−5 =	16−7+6 =	16−7−6+7 =
6+5+4 =	13−3−7 =	13−4+7 =	15−7+5−6 =

— 4. —

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

— 5. —

3 × 5 =	5 × 2 =	7 × 2 =	8 = . × 4	15 = 3 × .
4 × 4 =	2 × 8 =	2 × 3 =	12 = . × 3	10 = 5 × .
2 × 7 =	5 × 3 =	4 × 2 =	14 = . × 2	16 = 4 × .
3 × 3 =	2 × 6 =	8 × 2 =	16 = . × 8	12 = 3 × .

— 6. —

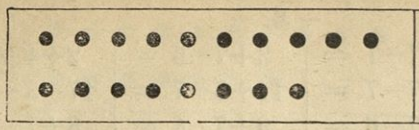
2 v 16 =	2 v 14 =	3 v 12 =	5 v 10 =	3 v 17 =
2 v 6 =	2 v 4 =	4 v 8 =	6 v 12 =	4 v 13 =
2 v 12 =	3 v 9 =	4 v 16 =	7 v 14 =	6 v 10 =
2 v 8 =	3 v 15 =	4 v 12 =	8 v 16 =	8 v 17 =
2 v 10 =	3 v 6 =	5 v 15 =	9 v 9 =	9 v 16 =

— 7. —

1/2 od 8 =	1/3 od 12 =	1/4 od 8 =	1/9 od 9 =
1/3 od 15 =	1/8 od 8 =	1/7 od 7 =	1/3 od 3 =
1/3 od 6 =	1/2 od 12 =	1/2 od 6 =	1/5 od 15 =
1/2 od 4 =	1/5 od 10 =	1/3 od 12 =	1/2 od 14 =

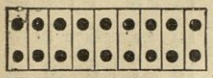
— 8. —

2 × 2 + 8 =	2 × 7 − 3 =	4 × 2 + 5 =
6 × 2 + 5 =	4 × 4 − 5 =	2 × 3 + 7 =
3 × 3 + 7 =	8 × 2 − 7 =	7 × 2 − 4 =
2 × 5 + 6 =	4 × 3 − 6 =	3 × 5 − 6 =



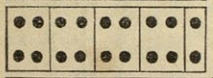
18

18 × 1 = | 1 v 18 =

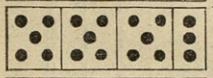


9 × 2 = | 2 v 18 = | 1/9 od 18 =

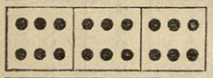
6 × 3 = | 3 v 18 = | 1/6 od 18 =



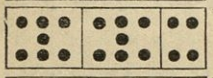
4 × 4 + 2 = | 4 v 18 =



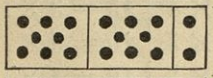
3 × 5 + 3 = | 5 v 18 =



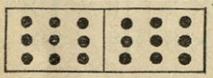
3 × 6 = | 6 v 18 = | 1/3 od 18 =



2 × 7 + 4 = | 7 v 18 =



2 × 8 + 2 = | 8 v 18 =



9 + 9 = | 18 − 9 = | 18 = 9 + .
2 × 9 = | 9 v 18 = | 1/2 od 18 =

10 + 8 = | 18 − 8 = | 18 = 10 + .
8 + 10 = | 18 − 10 = | 18 = 8 + .
1 × 10 + 8 = | 10 v 18 =

— 1. —

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

— 2. —

3 + 8 =	10 − 8 =	13 + 5 =	12 − 6 =	11 + 7 =
8 + 8 =	17 − 8 =	13 − 5 =	12 + 6 =	11 − 7 =
4 + 8 =	9 − 8 =	11 + 5 =	9 − 6 =	8 + 7 =
5 + 8 =	13 − 8 =	11 − 5 =	9 + 6 =	8 − 7 =
6 + 8 =	16 − 8 =	6 + 8 =	15 − 8 =	2 + 8 =

— 3. —

2 + 8 + 8 =	5 + 4 + 8 + 1 =	7 + 8 + 3 − 6 =
5 + 8 + 4 =	2 + 3 + 5 + 8 =	9 + 2 + 5 − 8 =
7 + 8 + 3 =	1 + 8 + 4 + 3 =	12 + 5 − 8 − 4 =
16 − 8 − 6 =	17 − 8 − 2 − 5 =	8 + 8 − 7 + 3 =
18 − 8 − 5 =	18 − 4 − 3 − 8 =	16 − 8 + 6 − 8 =
15 − 4 − 8 =	16 − 5 − 8 − 2 =	18 − 7 − 8 + 6 =

— 4. —

11 − 2 =	12 − 3 =	13 − 6 =	14 − 6 =	15 − 6 =
11 − 5 =	12 − 7 =	13 − 4 =	14 − 8 =	16 − 8 =
11 − 8 =	12 − 5 =	13 − 7 =	14 − 5 =	16 − 7 =
11 − 4 =	12 − 9 =	13 − 8 =	14 − 7 =	16 − 9 =
11 − 7 =	12 − 4 =	13 − 5 =	15 − 9 =	17 − 9 =
11 − 9 =	12 − 8 =	13 − 9 =	15 − 8 =	17 − 8 =
11 − 6 =	12 − 6 =	13 − 3 =	15 − 7 =	18 − 6 =

— 5. —

3 × 4 =	2 × 9 =	6 × 3 =	4 × 3 =	14 = . × 7
2 × 7 =	3 × 5 =	7 × 2 =	9 × 2 =	15 = . × 3
3 × 6 =	2 × 8 =	5 × 3 =	2 × 6 =	16 = 2 × .
4 × 4 =	3 × 3 =	8 × 2 =	5 × 2 =	18 = 6 × .

— 6. —

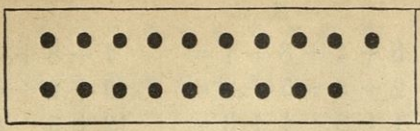
2 v 12 =	2 v 14 =	2 v 16 =	2 v 18 =	3 v 10 =
3 v 12 =	7 v 14 =	4 v 16 =	3 v 18 =	4 v 14 =
4 v 12 =	3 v 15 =	8 v 16 =	6 v 18 =	5 v 13 =
6 v 12 =	5 v 15 =	5 v 10 =	9 v 18 =	6 v 16 =

— 7. —

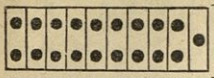
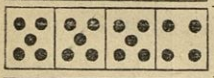
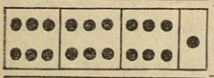
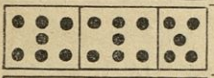
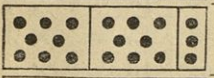
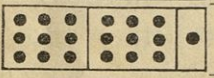
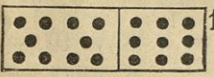
1/6 od 12 =	1/8 od 16 =	1/4 od 16 =	1/5 od 10 =
1/2 od 10 =	1/5 od 15 =	1/3 od 18 =	1/2 od 12 =
1/4 od 8 =	1/7 od 14 =	1/2 od 14 =	1/9 od 18 =
1/3 od 6 =	1/6 od 18 =	1/3 od 12 =	1/4 od 12 =

— 8. —

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



19

	$19 \times 1 =$	$1 \text{ v } 19 =$
	$9 \times 2 + 1 =$	$2 \text{ v } 19 =$
	$6 \times 3 + 1 =$	$3 \text{ v } 19 =$
	$4 \times 4 + 3 =$	$4 \text{ v } 19 =$
	$3 \times 5 + 4 =$	$5 \text{ v } 19 =$
	$3 \times 6 + 1 =$	$6 \text{ v } 19 =$
	$2 \times 7 + 5 =$	$7 \text{ v } 19 =$
	$2 \times 8 + 3 =$	$8 \text{ v } 19 =$
	$2 \times 9 + 1 =$	$9 \text{ v } 19 =$
	$10 + 9 =$ / $9 + 10 =$	$19 - 9 =$ / $19 - 10 =$	$19 = 10 + .$ / $19 = 9 + .$
	$1 \times 10 + 9 =$	$10 \text{ v } 19 =$

— 1. —

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

— 2. —

$3 + 9 =$	$7 + 9 =$	$15 - 9 =$	$11 + 8 =$	$6 + 7 =$
$8 + 9 =$	$4 + 9 =$	$11 - 9 =$	$5 + 8 =$	$12 + 7 =$
$6 + 9 =$	$1 + 9 =$	$18 - 9 =$	$9 + 8 =$	$16 - 7 =$
$2 + 9 =$	$13 - 9 =$	$12 - 9 =$	$13 - 8 =$	$11 - 7 =$
$5 + 9 =$	$17 - 9 =$	$16 - 9 =$	$16 - 8 =$	$9 - 7 =$

— 3. —

1 + 9 + 9 =	19 − 9 − 9 =	9 + 9 − 5 =	17 − 9 + 7 =
3 + 9 + 7 =	18 − 9 − 6 =	7 + 9 − 8 =	18 − 9 + 8 =
8 + 2 + 9 =	17 − 4 − 9 =	9 + 9 − 7 =	15 − 7 + 9 =
4 + 9 + 5 =	16 − 5 − 9 =	18 + 1 − 6 =	13 − 6 + 9 =
7 + 9 + 2 =	15 − 9 − 3 =	12 + 6 − 9 =	19 − 8 + 5 =
5 + 4 + 9 =	14 − 1 − 9 =	15 + 2 − 8 =	16 − 9 + 4 =

— 4. —

6 + 3 + 9 =	2 + 3 + 9 + 4 =	17 − 9 + 6 − 8 =
8 + 5 + 6 =	5 + 6 + 4 + 4 =	15 − 8 − 3 + 9 =
3 + 4 + 7 =	4 + 2 + 3 + 7 =	14 − 7 + 5 + 4 =
18 − 7 − 8 =	18 − 4 − 3 − 9 =	6 + 9 − 8 + 6 =
19 − 9 − 7 =	19 − 7 − 2 − 3 =	8 + 7 − 6 − 9 =
9 + 9 − 8 =	6 + 7 − 5 + 9 =	16 − 9 + 6 − 5 =
12 + 5 − 9 =	8 + 6 − 9 − 3 =	12 − 4 + 7 + 3 =
17 − 6 + 8 =	16 − 8 + 9 − 5 =	19 − 8 − 4 + 9 =

— 5. —

2 × 2 =	6 × 3 =	2 × 7 =	8 × 2 =	6 = 2 × .
3 × 3 =	7 × 2 =	3 × 6 =	2 × 9 =	15 = 3 × .
4 × 4 =	5 × 3 =	4 × 3 =	6 × 2 =	12 = . × 4
5 × 2 =	9 × 2 =	2 × 5 =	2 × 4 =	16 = . × 8

— 6. —

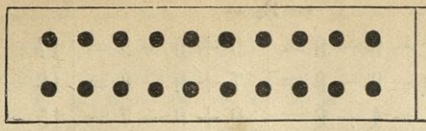
2 v 16 =	3 v 12 =	4 v 16 =	5 v 15 =	7 v 10 =
2 v 10 =	3 v 9 =	4 v 8 =	5 v 19 =	8 v 16 =
2 v 4 =	3 v 18 =	4 v 12 =	6 v 18 =	8 v 19 =
2 v 19 =	3 v 19 =	4 v 19 =	6 v 19 =	9 v 18 =

— 7. —

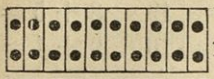
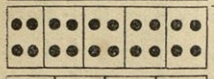
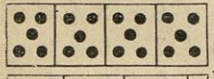
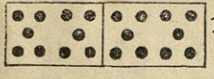
1/5 od 15 =	1/2 od 8 =	1/9 od 18 =	1/2 od 10 =
1/4 od 16 =	1/6 od 12 =	1/3 od 15 =	1/4 od 12 =
1/3 od 9 =	1/2 od 18 =	1/7 od 14 =	1/3 od 18 =
1/2 od 4 =	1/8 od 16 =	1/6 od 18 =	1/2 od 14 =

— 8. —

2 × 4 + 9 =	9 × 2 − 7 =	2 × 8 + 3 =
4 × 3 + 7 =	5 × 3 − 8 =	3 × 4 + 7 =
2 × 7 + 3 =	3 × 6 − 5 =	7 × 2 − 5 =
3 × 3 + 8 =	4 × 4 − 9 =	3 × 5 − 8 =



20

	$20 \times 1 =$	1 v $20 =$	
	$10 \times 2 =$	2 v $20 =$	$1/10$ od $20 =$
	$6 \times 3 + 2 =$	3 v $20 =$	
	$5 \times 4 =$	4 v $20 =$	$1/5$ od $20 =$
	$4 \times 5 =$	5 v $20 =$	$1/4$ od $20 =$
	$3 \times 6 + 2 =$	6 v $20 =$	
	$2 \times 7 + 6 =$	7 v $20 =$	
	$2 \times 8 + 4 =$	8 v $20 =$	
	$2 \times 9 + 2 =$	9 v $20 =$	
	$10 + 10 =$ $2 \times 10 =$	$20 - 10 =$ 10 v $20 =$	$20 = 10 +$. $1/2$ od $20 =$

— 1. —

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

— 2. —

$2 + 1 =$	$4 + 6 =$	$10 + 10 =$	$6 + 3 =$	$4 + 7 =$
$3 - 2 =$	$10 - 3 =$	$20 - 7 =$	$9 - 4 =$	$11 - 8 =$
$1 + 4 =$	$7 + 8 =$	$13 + 2 =$	$5 + 5 =$	$3 + 9 =$
$5 - 1 =$	$15 - 5 =$	$15 - 9 =$	$10 - 6 =$	$12 - 10 =$

— 3. —

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

— 4. —

6 + 7 + 5 =	19 − 7 − 8 =	7 + 10 − 9 =
4 + 8 + 7 =	17 − 6 − 6 =	18 − 10 + 7 =
9 + 5 + 6 =	20 − 5 + 4 =	19 − 5 − 10 =
3 + 8 + 9 =	16 − 9 + 7 =	16 − 9 + 10 =
7 + 9 + 4 =	13 − 8 + 6 =	8 + 8 − 9 =
5 + 6 + 7 =	9 + 9 − 7 =	15 + 4 − 10 =
4 + 7 + 7 =	5 + 8 − 6 =	17 − 8 − 7 =
8 + 6 + 4 =	7 + 9 − 8 =	9 + 10 − 8 =

— 5. —

12 + 2 + 2 + 2 =	2 + 5 + 5 + 5 =	4 + 7 + 7 + 2 =
15 − 2 − 2 − 2 =	5 + 5 + 5 + 5 =	1 + 7 + 7 + 4 =
8 + 3 + 3 + 3 =	19 − 5 − 5 − 5 =	18 − 7 − 7 − 3 =
13 − 3 − 3 − 3 =	16 − 5 − 5 − 5 =	19 − 7 − 7 − 5 =
4 + 4 + 4 + 4 =	1 + 6 + 6 + 6 =	3 + 8 + 8 + 1 =
1 + 4 + 4 + 4 =	2 + 6 + 6 + 6 =	20 − 8 − 8 − 2 =
18 − 4 − 4 − 4 =	19 − 6 − 6 − 6 =	1 + 9 + 9 + 1 =
15 − 4 − 4 − 4 =	17 − 6 − 6 − 3 =	17 − 9 − 5 − 1 =

— 6. —

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

— 7. —

2 × 3 =	1 × 2 =	3 × 3 =	6 = . × 3	4 = 2 × .
2 × 2 =	6 × 2 =	3 × 5 =	8 = . × 2	10 = 2 × .
2 × 5 =	3 × 2 =	3 × 4 =	8 = . × 4	10 = 5 × .
2 × 1 =	9 × 2 =	3 × 6 =	9 = . × 3	12 = 3 × .
2 × 8 =	5 × 2 =	4 × 4 =	15 = . × 3	12 = 6 × .
2 × 6 =	2 × 2 =	4 × 5 =	15 = . × 5	14 = 7 × .
2 × 9 =	10 × 2 =	4 × 3 =	20 = . × 2	16 = 4 × .
2 × 4 =	4 × 2 =	5 × 3 =	20 = . × 4	16 = 8 × .
2 × 7 =	8 × 2 =	5 × 4 =	20 = . × 5	18 = 3 × .
2 × 10 =	7 × 2 =	6 × 3 =	20 = . × 10	18 = 9 × .

— 8. —

2 v 6 =	2 v 20 =	3 v 18 =	5 v 20 =	8 v 8 =
2 v 10 =	2 v 16 =	3 v 9 =	5 v 15 =	8 v 16 =
2 v 18 =	2 v 8 =	4 v 12 =	5 v 10 =	9 v 18 =
2 v 4 =	3 v 15 =	4 v 20 =	6 v 18 =	9 v 9 =
2 v 14 =	3 v 6 =	4 v 16 =	6 v 12 =	10 v 10 =
2 v 12 =	3 v 12 =	4 v 8 =	7 v 14 =	10 v 20 =

— 9. —

½ od 4 =	½ od 8 =	⅓ od 15 =	¼ od 12 =
½ od 12 =	½ od 14 =	⅓ od 6 =	⅕ od 10 =
½ od 18 =	½ od 20 =	¼ od 20 =	⅕ od 15 =
½ od 6 =	⅓ od 12 =	¼ od 4 =	⅕ od 20 =
½ od 10 =	⅓ od 18 =	¼ od 16 =	1/6 od 12 =
½ od 16 =	⅓ od 9 =	¼ od 8 =	1/6 od 18 =

— 10. —

4 × 4 + 4 =	5 × 3 + 5 =	½ od 18 + 9 =
5 × 2 + 8 =	7 × 2 + 4 =	⅓ od 6 + 8 =
2 × 3 + 9 =	2 × 4 + 7 =	⅕ od 15 + 7 =
3 × 4 − 9 =	2 × 8 − 10 =	1/6 od 18 − 2 =
2 × 6 − 5 =	3 × 6 − 3 =	¼ od 20 − 3 =
10 × 2 − 7 =	4 × 5 − 8 =	⅓ od 12 − 4 =

Drugi oddelek.

I. Števila od ene do sto.

A. Števila razširjena do 100.

1	2	3	4	5	6	7	8	9	10	
•	•	•	•	•	•	•	•	•	•	**1** desetica
•	•	•	•	•	•	•	•	•	•	**2** desetici
•	•	•	•	•	•	•	•	•	•	**3** desetice
•	•	•	•	•	•	•	•	•	•	**4** desetice
•	•	•	•	•	•	•	•	•	•	**5** desetic
•	•	•	•	•	•	•	•	•	•	**6** desetic
•	•	•	•	•	•	•	•	•	•	**7** desetic
•	•	•	•	•	•	•	•	•	•	**8** desetic
•	•	•	•	•	•	•	•	•	•	**9** desetic
•	•	•	•	•	•	•	•	•	•	**10** desetic

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	**20**
21	22	23	24	25	26	27	28	29	**30**
31	32	33	34	35	36	37	38	39	**40**
41	42	43	44	45	46	47	48	49	**50**
51	52	53	54	55	56	57	58	59	**60**
61	62	63	64	65	66	67	68	69	**70**
71	72	73	74	75	76	77	78	79	**80**
81	82	83	84	85	86	87	88	89	**90**
91	92	93	94	95	96	97	98	99	**100**

1. Kako se imenujejo naslednja števila:

3 d. 8 e.? — 4 d. 2 e.? — 6 d. 0 e.? — 9 d. 7 e.?
2 d. 9 e.? — 7 d. 5 e.? — 1 d. 1 e.? — 8 d. 0 e.?

3 des. 8 edn. = osem in trideset.
4 des. 2 edn. = dve in štirideset.

2. Beri naslednja števila:

10, 20, 70, 40, 90, 30, 50, 60, 80, 100.

3. Beri tá-le števila:

23, 67, 34, 96, 17, 65, 82, 49;
29, 62, 48, 75, 91, 37, 88, 11;
32, 73, 56, 81, 45, 94, 19, 57;
24, 42, 87, 78, 16, 61, 39, 93.

4. Razstavi naslednja števila v desetice in edníce:

25, 70, 34, 19, 80, 92, 59, 28;
86, 49, 21, 65, 13, 98, 30, 43;
72, 27, 51, 15, 53, 35, 67, 76.

25 = 2 d. 5 e.
70 = 7 d. 0 e.

5. Zapiši naslednja števila sè številkami:

1 d. 3 e. — 5 d. 7 e. — 6 d. 4 e. — 9 d. 3 e.
8 d. 9 e. — 3 d. 6 e. — 7 d. 0 e. — 6 d. 8 e.
4 d. 0 e. — 2 d. 6 e. — 5 d. 9 e. — 3 d. 1 e.

6. Zapiši sè številkami vsa desetična števila takó eno pod drugo, da bodo stale ednice pod ednicami, desetice pod deseticami.

7. Zapiši takisto vsa števila od deset do dvajset — od petdeset do šestdeset — od trideset do štirideset — od devetdeset do sto — od sedemdeset do osemdeset — od štirideset do petdeset.

8. Zapiši takísto vsa števila od šestnajst do osem in dvajset.

9. Zapiši števila od pet in trideset do sedem in petdeset.

10. Zapiši vsa števila od štiri in šestdeset nazaj do petdeset.

11. Zapiši števila od devet in trideset do osemnajst.

12. Zapiši števila od šest in devetdeset do ena in sedemdeset.

13. Zapiši sè številkami: devet in dvajset — pet in osemdeset — sedem in petdeset — devetdeset — ena in štirideset — štiri in dvajset — dvanajst — ena in dvajset — sedem in sedemdeset.

14. Zapiši: šest in trideset — tri in šestdeset — osem in petdeset — pet in osemdeset — dve in devetdeset — devet in dvajset.

B. Računanje sè števili od ene do sto.

1. Ponavljanje računskih vaj do deset.

a. Prištevanje in odštevanje.

— 1. —

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

— 2. —

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

— 3. —

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

— 4. —

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

b. Množenje in merjenje.

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

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

c. Uporabe.

1. Dragotin si kupi peresno držalo za 6 h in za 4 h perés; koliko mora plačati?

2. Tone je 7 let star, njegova sestra je za 3 leta mlajša; kako stara je sestra?

3. 1 jabolko velja 1 h; koliko velja 6 jabolk?

4. 1 citrona velja 1 desetvinarski novec; koliko velja 10 citron (limon)?

5. Za 1 h se dobí 1 pôla papirja; koliko pôl se dobi za 10 h?

2. Ponavljanje računskih vaj do dvajset.

a. Prištevanje in odštevanje.

— 1. —

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

— 2. —

6 + . = 12	7 + . = 14	5 + . = 13	6 + . = 12
3 + . = 11	4 + . = 12	2 + . = 11	9 + . = 17
6 + . = 13	8 + . = 17	7 + . = 15	8 + . = 14

— 3. —

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

b. Množenje števila 2 in sè številom 2.

1 • • 2	1 × 2 =	2 × 1 =
2 • • 4	2 × 2 =	2 × 2 =
3 • • 6	3 × 2 =	2 × 3 =
4 • • 8	4 × 2 =	2 × 4 =
5 • • 10	5 × 2 =	2 × 5 =
6 • • 12	6 × 2 =	2 × 6 =
7 • • 14	7 × 2 =	2 × 7 =
8 • • 16	8 × 2 =	2 × 8 =
9 • • 18	9 × 2 =	2 × 9 =
10 • • 20	10 × 2 =	2 × 10 =

— 4. —

$5 \times 2 + 4 =$	$9 \times 2 + 2 =$	$2 \times 8 + 4 =$	$2 \times 6 + 5 =$
$5 \times 2 - 4 =$	$9 \times 2 - 2 =$	$2 \times 8 - 4 =$	$2 \times 6 - 5 =$
$7 \times 2 + 6 =$	$2 \times 2 + 3 =$	$2 \times 4 + 7 =$	$2 \times 3 + 2 =$
$7 \times 2 - 6 =$	$2 \times 2 - 3 =$	$2 \times 4 - 7 =$	$2 \times 3 - 2 =$

c. Merjenje sè številom 2.

$6 = 3 \times 2;$	**2** v **6** $= 3$	$2 = . \times 2;$	**2** v **2** $=$
$10 = . \times 2;$	**2** v **10** $=$	$14 = . \times 2;$	**2** v **14** $=$
$4 = . \times 2;$	**2** v **4** $=$	$20 = . \times 2;$	**2** v **20** $=$
$18 = . \times 2;$	**2** v **18** $=$	$8 = . \times 2;$	**2** v **8** $=$
$12 = . \times 2;$	**2** v **12** $=$	$16 = . \times 2;$	**2** v **16** $=$

— 5. —

2 v 12 = 6	2 v 9 =	2 v 11 =	2 v 3 =
2 v 13 = 6 (1)	2 v 17 =	2 v 19 =	2 v 15 =
2 v 1 = 0 (1)	2 v 5 =	2 v 7 =	2 v 20 =

d. Deljenje sè številom 2.

$8 = 2 \times 4;$	$\frac{1}{2}$ od **8** $=$	$6 = 2 \times .;$	$\frac{1}{2}$ od **6** $=$
$14 = 2 \times .;$	$\frac{1}{2}$ od **14** $=$	$2 = 2 \times .;$	$\frac{1}{2}$ od **2** $=$
$12 = 2 \times .;$	$\frac{1}{2}$ od **12** $=$	$18 = 2 \times .;$	$\frac{1}{2}$ od **18** $=$
$4 = 2 \times .;$	$\frac{1}{2}$ od **4** $=$	$16 = 2 \times .;$	$\frac{1}{2}$ od **16** $=$
$20 = 2 \times .;$	$\frac{1}{2}$ od **20** $=$	$10 = 2 \times .;$	$\frac{1}{2}$ od **10** $=$

— 6. —

$\frac{1}{2}$ od 4 =	$\frac{1}{2}$ od 8 =	$\frac{1}{2}$ od 12 =	$\frac{1}{2}$ od 10 + 1 =
$\frac{1}{2}$ od 10 =	$\frac{1}{2}$ od 2 =	$\frac{1}{2}$ od 18 =	$\frac{1}{2}$ od 20 − 2 =
$\frac{1}{2}$ od 16 =	$\frac{1}{2}$ od 14 =	$\frac{1}{2}$ od 6 =	$\frac{1}{2}$ od 8 + 3 =

e. Uporabe.

1. 1 dvajsetvinarski novec sta 2 desetvinarska novca; koliko desetvinarskih novcev je 2, 3, 4, . . 9, 10 dvajsetvinarskih novcev?

2 dvajsetvinarska novca = 2 × 2 desetvinarska novca = 4 desetvinarski novci.

3 dvajsetvinarski novci = 3 × 2 desetvinarska novca = 6 desetvinarskih novcev i. t. d.

2. Koliko dvovinarskih novcev ima desetvinarski novec?

„ „ „ „ dvajsetvinarski novec?

3. Koliko dní sta 2 tedna in 5 dni?

4. 1 krona = 10 desetvinarskih novcev; koliko desetvinarskih novcev ima $\frac{1}{2}$ krone?

5. 1 leto = 12 mesecev; koliko mesecev je $\frac{1}{2}$ leta?

6. Kmet ima 14 ovác, kupi jih še 6; koliko jih ima potem?

7. Ti si 7 let star; črez koliko let bodeš star 16 let?

8. Nekdo ima plačati 14 K, plača jih samó 8; koliko je še dolžan?

9. Kmet ima 18 krav, prodá jih 9; koliko mu jih še ostane?

10. Od 16 *kg* dobí *A* 2 *kg*, *B* 3 *kg*, *C* 4 *kg* in *D* dobi ostanek; koliko dobi *D*?

11. Hruška veljá 2 h; koliko velja 2, 3, 4, 5 hrušek?

2 hruški veljate 2×2 h $= 4$ h
3 hruške veljajo 3×2 h $= 6$ h i. t. d.

12. Koliko je 6 parov golobov?

13. Voznik ima 8 konj; v koliko vozov jih lahko vpreže, ako vpreže v vsak voz po 2 konja?

14. Pero velja 2 h; koliko se jih dobi za 12, 8, 20, 16 h?

15. 2 svinčnika veljata 16 h; koliko velja 1 svinčnik?

16. Mati razdelí 18 orehov med svoja dva otroka takó, da jih dobi vsak enako število; koliko jih dobi vsak?

3. Računske vaje do trideset.

a. Prištevanje in odštevanje.

— 1. —

$4 + 2 =$	$6 + 3 =$	$12 + 7 =$	$18 + 2 =$	$16 + 7 =$
$14 + 2 =$	$16 + 3 =$	$23 + 1 =$	$18 + 4 =$	$19 + 4 =$
$24 + 2 =$	$26 + 3 =$	$21 + 6 =$	$17 + 3 =$	$12 + 9 =$
$3 + 5 =$	$5 + 4 =$	$17 + 2 =$	$17 + 6 =$	$14 + 8 =$
$13 + 5 =$	$15 + 4 =$	$24 + 3 =$	$15 + 5 =$	$18 + 5 =$
$23 + 5 =$	$25 + 4 =$	$22 + 5 =$	$15 + 9 =$	$13 + 9 =$

— 2. —

$5 - 3 =$	$7 - 2 =$	$12 - 1 =$	$25 - 5 =$	$27 - 9 =$
$15 - 3 =$	$17 - 2 =$	$26 - 4 =$	$25 - 6 =$	$22 - 4 =$
$25 - 3 =$	$27 - 2 =$	$19 - 8 =$	$23 - 3 =$	$26 - 7 =$
$9 - 6 =$	$8 - 5 =$	$25 - 5 =$	$23 - 7 =$	$24 - 5 =$
$19 - 6 =$	$18 - 5 =$	$29 - 7 =$	$21 - 1 =$	$28 - 9 =$
$29 - 6 =$	$28 - 5 =$	$16 - 3 =$	$21 - 8 =$	$25 - 8 =$

— 3. —

10 + 10 =	17 + 10 =	13 + 10 =	16 + 11 =	15 + 14 =
20 + 10 =	14 + 10 =	13 + 12 =	17 + 12 =	11 + 15 =
15 + 10 =	16 + 10 =	13 + 15 =	19 + 11 =	18 + 12 =
18 + 10 =	12 + 10 =	13 + 14 =	12 + 13 =	14 + 16 =

— 4. —

20 − 10 =	26 − 10 =	28 − 10 =	27 − 13 =	23 − 11 =
30 − 10 =	21 − 10 =	28 − 13 =	29 − 18 =	27 − 15 =
29 − 10 =	24 − 10 =	23 − 12 =	25 − 12 =	30 − 12 =
25 − 10 =	27 − 10 =	26 − 14 =	24 − 14 =	30 − 17 =
23 − 10 =	22 − 10 =	24 − 11 =	28 − 16 =	30 − 23 =

— 5. —

15 + . = 18	7 + . = 11	13 + . = 23	12 + . = 25
23 + . = 27	9 + . = 16	16 + . = 26	15 + . = 28
21 + . = 26	14 + . = 22	11 + . = 21	18 + . = 29
22 + . = 29	18 + . = 24	15 + . = 25	13 + . = 26
26 + . = 30	17 + . = 23	18 + . = 28	17 + . = 30

b. Množenje števila 3 in sè številom 3.

1 • • • 3	**1 × 3 =**	**3 × 1 =**
2 • • • 6	**2 × 3 =**	**3 × 2 =**
3 • • • 9	**3 × 3 =**	**3 × 3 =**
4 • • • 12	**4 × 3 =**	**3 × 4 =**
i t. d.	. . .	. . .
	10 × 3 =	**3 × 10 =**

— 6. —

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

— 7. —

1 × 3 + 2 =	4 × 2 + 7 =	3 × 4 − 8 =	2 × 4 − 5 =
4 × 3 + 8 =	8 × 2 + 12 =	3 × 7 − 7 =	2 × 8 − 7 =
7 × 3 + 5 =	5 × 2 + 10 =	3 × 8 − 12 =	2 × 10 − 16 =
9 × 3 + 3 =	6 × 2 + 8 =	3 × 5 − 7 =	2 × 7 − 6 =

c. Merjenje sè številom 3.

15 = . × 3; **3** v **15** =	27 = . × 3; **3** v **27** =
6 = . × 3; **3** v **6** =	3 = . × 3; **3** v **3** =
24 = . × 3; **3** v **24** =	30 = . × 3; **3** v **30** =
9 = . × 3; **3** v **9** =	21 = . × 3; **3** v **21** =
12 = . × 3; **3** v **12** =	18 = . × 3; **3** v **18** =

— 8. —

3 v 24 =	3 v 13 =	3 v 28 =	2 v 12 =	2 v 14 =
3 v 26 =	3 v 21 =	3 v 6 =	2 v 19 =	2 v 17 =
3 v 15 =	3 v 22 =	3 v 11 =	2 v 7 =	2 v 3 =
3 v 16 =	3 v 10 =	3 v 20 =	2 v 18 =	2 v 16 =
3 v 23 =	3 v 27 =	3 v 4 =	2 v 5 =	2 v 11 =
3 v 8 =	3 v 17 =	3 v 24 =	2 v 8 =	2 v 10 =

d. Deljenje sè številom 3.

18 = 3 × . ; $\frac{1}{3}$ od **18** =	21 = 3 × . ; $\frac{1}{3}$ od **21** =
9 = 3 × . ; $\frac{1}{3}$ od **9** =	30 = 3 × . ; $\frac{1}{3}$ od **30** =
12 = 3 × . ; $\frac{1}{3}$ od **12** =	6 = 3 × . ; $\frac{1}{3}$ od **6** =
27 = 3 × . ; $\frac{1}{3}$ od **27** =	15 = 3 × . ; $\frac{1}{3}$ od **15** =
3 = 3 × . ; $\frac{1}{3}$ od **3** =	24 = 3 × . ; $\frac{1}{3}$ od **24** =

— 9. —

$\frac{1}{3}$ od 15 =	$\frac{1}{3}$ od 12 =	$\frac{1}{2}$ od 8 =	$\frac{1}{2}$ od 14 + 8 =
$\frac{1}{2}$ od 6 =	$\frac{1}{2}$ od 12 =	$\frac{1}{3}$ od 3 =	$\frac{1}{3}$ od 21 − 4 =
$\frac{1}{3}$ od 6 =	$\frac{1}{3}$ od 27 =	$\frac{1}{2}$ od 18 =	$\frac{1}{3}$ od 12 + 6 =
$\frac{1}{2}$ od 10 =	$\frac{1}{3}$ od 9 =	$\frac{1}{3}$ od 18 =	$\frac{1}{2}$ od 16 − 2 =
$\frac{1}{3}$ od 21 =	$\frac{1}{2}$ od 16 =	$\frac{1}{3}$ od 24 =	$\frac{1}{3}$ od 27 + 5 =

e. Uporabe.

1. Koliko *dm* sta 2 *m* 6 *dm*?

2. Koliko kosov je 1 ducat in 9 kosov?

3. Koliko ur je 1 dan in 5 ur?

4. Koliko mesecev je 1 leto in 10 mesecev?

---

5. Na nekem vrtu je 16 hrušek in 12 jablan (dreves); koliko sadnih dreves je to?

6. Od 26 *m* platna prodá trgovec najpred 8, potem 6 *m*; koliko *m* platna mu še ostane?

7. 1 svinčnik velja 7 **h**; koliko veljajo 3 svinčniki?

8. 1 *l* piva velja 3 desetvinarske novce; koliko velja 2, 3 . . . 10 *l*?

2 *l* veljata 2 × 3 desetvinarske novce = 6 desetvinarskih novcev.
3 *l* veljajo 3 × 3 desetvin. nov. = 9 desetvinarskih novcev i. t. d.

9. Slamnik velja 3 K; koliko 2, 3, . . . 10 slamnikov?

10. Za 1 K se dobi 3 *kg* solí; koliko za 2, 6, 8, 5, 7, 10 K?

11. Med 6 ubožcev hočem razdeliti nekaj denarja; vsakemu bi rad dal po 3 **h**; koliko **h** moram imeti?

12. Tone si naredí zvezek, v katerega potrebuje 3 pôle papirja; koliko takih zvezkov si naredí iz 15 pôl papirja?

13. Nekdo si prihrani vsak mesec 3 K; v koliko mesecih si prihrani 30 K?

14. 3 *m* suknà veljajo 27 K; koliko velja 1 *m*?

15. Za 3 srajce je treba 9 *m* platna; koliko za 1 srajco?

4. Računske vaje do štirideset.

a. Prištevanje in odštevanje.

— 1. —

7 + 2 =	34 + 3 =	29 + 1 =	23 + 9 =	33 + . = 38
17 + 2 =	31 + 7 =	29 + 3 =	28 + 5 =	36 + . = 39
27 + 2 =	35 + 4 =	25 + 5 =	26 + 7 =	24 + . = 32
37 + 2 =	32 + 6 =	25 + 8 =	27 + 8 =	28 + . = 35

— 2. —

8 − 3 =	39 − 7 =	32 − 2 =	35 − 8 =	32 − 7 =
18 − 3 =	34 − 2 =	32 − 3 =	31 − 5 =	35 − 9 =
28 − 3 =	37 − 5 =	34 − 4 =	36 − 9 =	37 − 8 =
38 − 3 =	32 − 1 =	34 − 7 =	33 − 6 =	33 − 6 =

— 3. —

10 + 10 =	23 + 10 =	25 + 10 =	16 + 20 =	20 + . = 40
20 + 10 =	27 + 10 =	25 + 13 =	16 + 23 =	10 + . = 30
30 + 10 =	14 + 20 =	23 + 14 =	13 + 27 =	27 + . = 37
20 + 20 =	18 + 20 =	26 + 12 =	15 + 16 =	16 + . = 34

13. Gospodinja kupi 9 *kg* kave in plača *kg* po 4 K; koliko K mora plačati?

14. Mati potrebuje vsak dan po 4 jajca; kako dolgo bode izhajala z 28 jajci?

15. Nekdo si kupi za 32 h žemelj in plača po 4 h žemljo; koliko žemelj je kupil?

16. Iz 12 pôl papirja bi rad napravil 4 enake pisanke; koliko pôl moraš vzeti za vsako pisanko?

17. Kmet je plačal 36 K svojim delavcem; koliko delavcev je bilo, ako je dal vsakemu po 4 K?

18. 1 *l* ôla velja 40 h; koliko $^1/_4$ *l*?

5. Računske vaje do petdeset.

a. Prištevanje in odštevanje.

— 1. —

Izdelaj naslednje vrste:

1. 1 + 2
1 + 2 = 3
3 + 2 = 5
5 + 2 = 7
7 + 2 = 9
i. t. d.
do 49.

2. 2 + 2
2 + 2 = 4
4 + 2 = 6
i. t. d.
3. 1 + 3
4. 2 + 3
5. 3 + 3

6. 50 − 2
50 − 2 = 48
48 − 2 = 46
46 − 2 = 44
44 − 2 = 42
i. t. d.
do 0.

7. 49 − 2
49 − 2 = 47
47 − 2 = 45
i. t. d.
8. 50 − 3
9. 49 − 3
10. 48 − 3

— 2. —

20 + 10 =	35 + 10 =	21 + 20 =	32 + 15 =	20 + . = 50
20 + 20 =	39 + 10 =	27 + 20 =	36 + 12 =	36 + . = 46
30 + 10 =	33 + 10 =	13 + 30 =	22 + 24 =	15 + . = 45
30 + 20 =	25 + 20 =	17 + 30 =	18 + 32 =	25 + . = 46
20 + 30 =	28 + 20 =	19 + 30 =	24 + 19 =	17 + . = 43

— 3. —

30 − 10 =	46 − 10 =	49 − 20 =	43 − 12 =	46 − 32 =
30 − 20 =	43 − 10 =	41 − 20 =	48 − 17 =	41 − 35 =
40 − 10 =	48 − 10 =	45 − 30 =	46 − 13 =	48 − 29 =
40 − 20 =	44 − 20 =	42 − 30 =	47 − 24 =	42 − 18 =
40 − 30 =	47 − 20 =	46 − 30 =	49 − 25 =	50 − 27 =

b. Množenje števila 5 in sè številom 5.

1 • • • • • 5	1 × 5 =	5 × 1 =
2 • • • • • 10	2 × 5 =	5 × 2 =
3 • • • • • 15	3 × 5 =	5 × 3 =

i. t. d.

— 4. —

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

— 5. —

3 × 5 + 1 =	2 × 5 + 2 =	4 × 8 + 12 =	6 × 5 + 20 =
7 × 4 − 3 =	9 × 3 − 4 =	5 × 7 − 15 =	2 × 9 + 25 =
6 × 5 + 5 =	6 × 4 + 6 =	8 × 3 + 23 =	9 × 5 − 27 =
8 × 3 − 7 =	4 × 5 − 8 =	5 × 5 − 13 =	5 × 8 − 23 =

c. Merjenje sè številom 5.

15 = . × 5;	**5** v **15** =	10 = . × 5;	**5** v **10** =
30 = . × 5;	**5** v **30** =	25 = . × 5;	**5** v **25** =
45 = . × 5;	**5** v **45** =	40 = . × 5;	**5** v **40** =
50 = . × 5;	**5** v **50** =	35 = . × 5;	**5** v **35** =
20 = . × 5;	**5** v **20** =	50 = . × 5;	**5** v **50** =

— 6. —

Kolikokrat je:

3 v 26, 15, 23, 21, 6, 28, 13, 18, 7, 29?
5 v 30, 27, 12, 40, 35, 14, 3, 50, 42, 18?
2 v 13, 19, 9, 14, 20, 16, 15, 7, 17, 4?
4 v 12, 35, 30, 38, 28, 6, 36, 24, 8, 22?

d. Deljenje sè številom 5.

35 = 5 × . ;	1/5 od **35** =	50 = 5 × . ;	1/5 od **50** =
20 = 5 × . ;	1/5 od **20** =	5 = 5 × . ;	1/5 od **5** =
15 = 5 × . ;	1/5 od **15** =	25 = 5 × . ;	1/5 od **25** =
40 = 5 × . ;	1/5 od **40** =	30 = 5 × . ;	1/5 od **30** =
10 = 5 × . ;	1/5 od **10** =	45 = 5 × . ;	1/5 od **45** =

— 7. —

1/5 od 25 =	1/4 od 20 =	1/5 od 45 =	1/3 od 12 + 4 =
1/5 od 15 =	1/5 od 20 =	1/4 od 16 =	1/5 od 10 + 8 =
1/3 od 15 =	1/5 od 35 =	1/5 od 40 =	1/4 od 16 + 2 =
1/2 od 18 =	1/2 od 12 =	1/3 od 9 =	1/5 od 35 − 3 =
1/4 od 28 =	1/5 od 10 =	1/2 od 14 =	1/3 od 24 − 5 =
1/3 od 27 =	1/3 od 21 =	1/5 od 30 =	1/2 od 14 − 7 =

e. Uporabe.

1. Koliko dvajsetvinarskih novcev je 2, 3, 4, . . . 10 K?

2. Koliko vinarjev je 2, 3, 4, 5 desetvinarskih novcev? — Koliko dvovinarskih novcev je 10, 14, 18, 8, 20 h?

3. Koliko vinarjev imajo *a)* 4 desetvinarski novci in 3 h? *b)* 4 desetvinarski novci in 8 h?

4. Koliko desetvinarskih novcev in vinarjev je 42, 45, 49 h?

5. Koliko kron imajo 2, 3, 4, 5 desetkronski novci (zlatniki)?

6. Koliko *dm* je 2, 3, 4, 5 *m*?

7. Koliko *g* je 2, 3, 4, 5 *dkg*?

8. Koliko pôl je 2, 3, 4, 5 lég papirja?

---

9. Tvoja mati je 36 let stara, a oče je 8 let starejši; kako star je oče?

10. En kos tkanine ima 26 *m*, drug kos 10 *m*; koliko *m* imata oba?

11. Neko blago se dobí za 35 K; pri prodaji se pridobí 6 K; za koliko se je prodalo?

12. V neki vasi je bilo pred požarom 48 hiš, po požaru samó 28; koliko hiš je pogorelo?

13. Sodček z oljem tehta 43 *kg*, a sodček sam 7 *kg*; koliko *kg* je olja?

14. Na 1 roki je 5 prstov, koliko prstov je na 2, 3, . . . 10 rokah?

15. 1 *hl* krompirja velja 5 K; koliko velja 2, 3, . . . 10 *hl*?

16. Od ene krave se namolze vsak dan po 5 *l* mleka; v koliko dneh se ga namolze 35 *l*?

17. Za 1 K se dobí 5 *m* trakú; koliko za 7, 3, 9, 6 K?

18. 45 črešenj razdeliš enako med 5 otrôk; koliko dobi vsak?

19. Koliko kupčkov narediš iz 40 orehov, ako deneš v vsak kupček po 5 orehov?

20. 1 *m* pavolnatega platna velja 45 h; koliko velja $^1/_5$ *m*?

21. 5 *kg* marelic velja 25 desetvinarskih novcev; koliko vinarjev velja 1 *kg*?

6. Računske vaje do šestdeset.

a. Prištevanje in odštevanje.

— 1. —

Izdelaj te vrste:

1. 2 + 4	**4.** 4 + 4	**10.** 59 − 4	**13.** 58 − 4
2 + 4 = 6	**5.** 1 + 5	59 − 4 = 55	**14.** 60 − 5
6 + 4 = 10	**6.** 3 + 5	55 − 4 = 51	**15.** 56 − 5
do 58.	**7.** 5 + 5	do 3.	**16.** 57 − 5
2. 1 + 4	**8.** 2 + 5	**11.** 60 − 4	**17.** 59 − 5
3. 3 + 4	**9.** 4 + 5	**12.** 57 − 4	**18.** 58 − 5

— 2. —

30 + 10 =	45 + 10 =	41 + 10 =	46 + 12 =	39 + 21 =
20 + 20 =	38 + 20 =	29 + 30 =	41 + 17 =	28 + 26 =
20 + 30 =	32 + 20 =	36 + 10 =	34 + 14 =	37 + 19 =
30 + 20 =	21 + 30 =	18 + 30 =	23 + 27 =	19 + 34 =

— 3. —

40 − 10 =	59 − 10 =	54 − 20 =	56 − 13 =	60 − 37 =
50 − 10 =	51 − 10 =	58 − 30 =	54 − 12 =	52 − 19 =
60 − 20 =	56 − 10 =	55 − 30 =	58 − 25 =	55 − 26 =
30 − 20 =	53 − 20 =	51 − 40 =	57 − 34 =	51 − 45 =

— 4. —

52 + . = 58	40 + . = 60	37 + 9 + 3 =	30 + 20 + 10 =
55 + . = 59	20 + . = 50	42 + 6 + 8 =	27 + 10 + 20 =
53 + . = 57	36 + . = 56	60 − 7 − 5 =	60 − 30 − 10 =
54 + . = 60	47 + . = 57	58 − 4 − 9 =	23 + 12 + 23 =

b. Množenje števila 6 in sè številom 6.

1 • • • • • • 6	$1 \times 6 =$	$6 \times 1 =$
2 • • • • • • 12	$2 \times 6 =$	$6 \times 2 =$
3 • • • • • • 18	$3 \times 6 =$	$6 \times 3 =$

i. t. d.

— 5. —

$2 \times 6 =$	$7 \times 6 =$	$6 \times 3 =$	$2 \times 5 =$	$8 \times 4 =$
$5 \times 6 =$	$3 \times 6 =$	$6 \times 10 =$	$7 \times 2 =$	$3 \times 4 =$
$8 \times 6 =$	$6 \times 6 =$	$6 \times 2 =$	$3 \times 9 =$	$7 \times 5 =$
$4 \times 6 =$	$6 \times 1 =$	$6 \times 5 =$	$8 \times 3 =$	$4 \times 5 =$
$9 \times 6 =$	$6 \times 7 =$	$6 \times 8 =$	$4 \times 4 =$	$5 \times 9 =$
$10 \times 6 =$	$6 \times 9 =$	$6 \times 4 =$	$4 \times 6 =$	$5 \times 10 =$

— 6. —

$5 \times 6 + 1 =$	$8 \times 3 - 4 =$	$5 \times 5 + 13 =$	$3 \times 6 - 12 =$
$3 \times 4 + 5 =$	$6 \times 6 - 8 =$	$7 \times 6 + 17 =$	$4 \times 4 - 14 =$
$8 \times 6 + 3 =$	$4 \times 5 - 6 =$	$9 \times 2 + 27 =$	$10 \times 2 - 18 =$
$7 \times 2 + 8 =$	$9 \times 6 - 9 =$	$3 \times 3 + 48 =$	$4 \times 6 - 19 =$

c. Merjenje sè številom 6.

$24 = . \times 6;$	**6 v 24** =	$36 = . \times 6;$	**6 v 36** =
$6 = . \times 6;$	**6 v 6** =	$12 = . \times 6;$	**6 v 12** =
$18 = . \times 6;$	**6 v 18** =	$54 = . \times 6;$	**6 v 54** =
$48 = . \times 6;$	**6 v 48** =	$42 = . \times 6;$	**6 v 42** =
$60 = . \times 6;$	**6 v 60** =	$30 = . \times 6;$	**6 v 30** =

— 7. —

Kolikokrat je:

2 v 7, 16, 18, 9, 14, 10, 13, 11, 6, 15?
4 v 13, 10, 6, 16, 7, 18, 9, 14, 12, 5?
5 v 45, 28, 32, 20, 46, 9, 15, 29, 43, 32?
3 v 24, 4, 15, 22, 6, 25, 12, 27, 17, 26?
6 v 30, 52, 8, 25, 42, 16, 28, 54, 20, 45?

d. Deljenje sè številom 6.

$24 = 6 \times .;$	$\frac{1}{6}$ od **24** =	$42 = 6 \times .;$	$\frac{1}{6}$ od **42** =
$6 = 6 \times .;$	$\frac{1}{6}$ od **6** =	$30 = 6 \times .;$	$\frac{1}{6}$ od **30** =
$36 = 6 \times .;$	$\frac{1}{6}$ od **36** =	$48 = 6 \times .;$	$\frac{1}{6}$ od **48** =
$12 = 6 \times .;$	$\frac{1}{6}$ od **12** =	$18 = 6 \times .;$	$\frac{1}{6}$ od **18** =
$60 = 6 \times .;$	$\frac{1}{6}$ od **60** =	$54 = 6 \times .;$	$\frac{1}{6}$ od **54** =

— 8. —

1/6 od 18 =	1/4 od 24 =	1/5 od 35 =	1/6 od 12 + 8 =
1/6 od 42 =	1/5 od 30 =	1/6 od 24 =	1/5 od 25 + 9 =
1/6 od 36 =	1/6 od 30 =	1/4 od 28 =	1/4 od 16 + 7 =
1/6 od 6 =	1/3 od 15 =	1/2 od 10 =	1/2 od 14 − 5 =
1/6 od 54 =	1/2 od 12 =	1/3 od 21 =	1/3 od 18 − 6 =

e. Uporabe.

1. Koliko vinarjev je 5 desetvinarskih novcev in 4 vinarji?

2. Koliko desetvinarskih novcev in vinarjev je 51 vinarjev?

3. Koliko *dm* je 5 *m* 8 *dm*?

4. Teden ima 6 delovnikov; koliko delovnikov imata 2, 3, 4, . . . 10 tednov?

---

5. Nekdo kupi tele za 45 K, pri prodaji ima dobička 10 K; za koliko ga je prodal?

6. Neki rokodelec dela predpóludne 4 ure 40 minut, popóludne 5 ur 18 minut; koliko časa je delal ta dan?

7. Kmet dobi za travnik vsako leto po 52 K najemnine; od tega mora plačati 6 K davka; koliko mu še ostane?

8. Oče je star 54 let, sin 18 let; za koliko je sin mlajši od očeta?

9. Od 48 K 60 h potrošiš 5 K 32 h; koliko ti še ostane?

10. Kocka ima 6 strani (ravníc); koliko strani ima 2, 3, 4, . . . 10 kocek?

11. Na nekem vrtu je po 6 drevesec v eni vrsti; koliko jih je v 2, 3, . . . 10 vrstah?

12. Za 1 K se dobi 6 *l* mleka; koliko za 2, 3, 4, . . . 10 K?

13. Soba ima 8 oken, vsako okno po 6 šip; koliko šip imajo vsa okna?

14. Klobuk velja 6 K; koliko klobukov se dobi za 42 K?

15. Za 5 dvovinarskih novcev se dobi 45 črešenj; koliko za 1 dvovinarski novec?

7. Računske vaje do sedemdeset.

a. Prištevanje in odštevanje.

— 1. —

Izdelaj naslednje vrste:

1. 1 + 6	**4.** 2 + 6	**10.** 70 − 6	**13.** 68 − 6
1 + 6 = 7	**5.** 6 + 6	70 − 6 = 64	**14.** 66 − 6
7 + 6 = 13	**6.** 3 + 7	64 − 6 = 58	**15.** 67 − 7
do 67.	**7.** 5 + 7	do 4.	**16.** 64 − 7
2. 3 + 6	**8.** 4 + 7	**11.** 65 − 6	**17.** 70 − 7
3. 5 + 6	**9.** 7 + 7	**12.** 69 − 6	**18.** 65 − 7

— 2. —

60 + 10 =	53 + 10 =	35 + 30 =	54 + 13 =	18 + 45 =
10 + 20 =	47 + 20 =	28 + 40 =	51 + 17 =	37 + 26 =
30 + 20 =	44 + 20 =	23 + 40 =	42 + 25 =	49 + 13 =
40 + 20 =	36 + 30 =	12 + 50 =	35 + 32 =	26 + 38 =

— 3. —

60 − 10 =	62 − 10 =	66 − 30 =	68 − 15 =	62 − 35 =
60 − 20 =	65 − 20 =	69 − 40 =	69 − 26 =	67 − 54 =
60 − 40 =	61 − 20 =	63 − 40 =	63 − 24 =	68 − 42 =
70 − 30 =	68 − 30 =	67 − 50 =	61 − 37 =	65 − 28 =

— 4. —

63 + . = 68	50 + . = 60	48 + 8 + 7 =	10 + 20 + 40 =
62 + . = 69	40 + . = 70	42 + 6 + 9 =	70 − 30 − 20 =
64 + . = 67	56 + . = 66	70 − 5 − 8 =	24 + 20 + 10 =
67 + . = 70	37 + . = 67	67 − 9 − 2 =	67 − 10 − 40 =

b. Množenje števila 7 in sè številom 7.

1 • • • • • • • 7	1 × 7 =	7 × 1 =
2 • • • • • • • 14	2 × 7 =	7 × 2 =
3 • • • • • • • 21	3 × 7 =	7 × 3 =

i. t. d.

— 5. —

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

— 6. —

$2 \times 10 =$	$6 \times 10 =$	$3 \times 12 =$	$2 \times 16 =$	$3 \times 14 =$
$3 \times 10 =$	$2 \times 20 =$	$3 \times 10 = 30$	$2 \times 23 =$	$3 \times 23 =$
$4 \times 10 =$	$3 \times 20 =$	$3 \times 2 = 6$	$2 \times 34 =$	$4 \times 12 =$
$5 \times 10 =$	$2 \times 30 =$	$3 \times 12 = 36$	$3 \times 15 =$	$5 \times 13 =$

— 7. —

$3 \times 6 + 7 =$	$2 \times 7 + 6 =$	$3 \times 3 + 2 =$	$2 \times 18 + 14 =$
$7 \times 5 - 5 =$	$5 \times 6 - 3 =$	$4 \times 7 - 5 =$	$2 \times 32 - 26 =$
$4 \times 2 + 9 =$	$3 \times 4 + 4 =$	$7 \times 8 + 9 =$	$3 \times 16 + 17 =$
$6 \times 4 - 8 =$	$7 \times 9 - 7 =$	$6 \times 9 - 6 =$	$4 \times 15 - 34 =$

c. Merjenje sè številom 7.

$35 = . \times 7;$	7 v **35** =	$49 = . \times 7;$	7 v **49** =
$14 = . \times 7;$	7 v **14** =	$7 = . \times 7;$	7 v **7** =
$56 = . \times 7;$	7 v **56** =	$28 = . \times 7;$	7 v **28** =
$21 = . \times 7;$	7 v **21** =	$42 = . \times 7;$	7 v **42** =
$63 = . \times 7;$	7 v **63** =	$70 = . \times 7;$	7 v **70** =

— 8. —

Kolikokrat je:

4 v 21, 40, 7, 18, 37, 30, 16, 38, 26, 20?
2 v 17, 19, 12, 5, 16, 13, 7, 20, 9, 15?
6 v 60, 39, 50, 38, 10, 49, 36, 53, 24, 43?
5 v 14, 33, 47, 25, 41, 15, 29, 38, 27, 35?
3 v 18, 10, 19, 15, 25, 11, 26, 9, 13, 24?
7 v 40, 29, 35, 49, 12, 44, 63, 46, 58, 27?

— 9. —

2 v 20 =	2 v 46 =	2 v 24 =	3 v 36 =
2 v 40 =	2 v 40 = 20	2 v 28 =	3 v 39 =
2 v 60 =	2 v 6 = 3	2 v 48 =	3 v 33 =
2 v 30 =		2 v 42 =	3 v 69 =
2 v 50 =	2 v 46 = 23	2 v 66 =	4 v 48 =

d. Deljenje sè številom 7.

$21 = 7 \times .;$	$1/7$ od **21** =	$42 = 7 \times .;$	$1/7$ od **42** =
$49 = 7 \times .;$	$1/7$ od **49** =	$70 = 7 \times .;$	$1/7$ od **70** =
$7 = 7 \times .;$	$1/7$ od **7** =	$35 = 7 \times .;$	$1/7$ od **35** =
$63 = 7 \times .;$	$1/7$ od **63** =	$14 = 7 \times .;$	$1/7$ od **14** =
$28 = 7 \times .;$	$1/7$ od **28** =	$56 = 7 \times .;$	$1/7$ od **56** =

— 10. —

1/2 od 18 =	1/6 od 42 =	1/3 od 24 =	1/7 od 28 =	1/2 od 16 =
1/3 od 18 =	1/7 od 42 =	1/7 od 63 =	1/7 od 35 =	1/4 od 16 =
1/4 od 20 =	1/7 od 49 =	1/5 od 45 =	1/4 od 32 =	1/5 od 30 =
1/5 od 20 =	1/7 od 21 =	1/6 od 54 =	1/7 od 56 =	1/7 od 14 =

— 11. —

1/2 od 20 =	1/3 od 69 =	1/2 od 26 =
1/2 od 40 =		1/2 od 46 =
1/2 od 60 =	1/3 od 60 = 20	1/2 od 68 =
1/3 od 30 =	1/3 od 9 = 3	1/3 od 39 =
1/3 od 60 =	1/3 od 69 = 23	1/4 od 48 =

— 12. —

1/5 od 45 + 6 =	1/4 od 20 + 5 =	1/2 od 28 + 13 =
1/3 od 27 − 7 =	1/7 od 63 − 4 =	1/2 od 64 − 18 =
1/7 od 14 + 8 =	1/5 od 30 + 3 =	1/3 od 36 + 24 =
1/6 od 54 − 9 =	1/7 od 42 − 2 =	1/3 od 66 − 21 =

e. Uporabe.

1. Koliko vinarjev je 6 desetvinarskih novcev in 7 h? — Koliko desetvinarskih novcev in vinarjev je *a)* 63 h? *b)* 68 h?

2. Koliko dni je 2, 3, 4, . . . 10 tednov?

3. Koliko tednov je 14, 15, 21, 49, 35, 42 dni?

4. Koliko pôl je 6 lég in 5 pôl papirja?

---

5. Mesec april ima 30, mesec majnik 31 dni; koliko dni imata oba skupaj?

6. V neki šoli je 40 dečkov in 30 deklic; koliko otrok je vseh skupaj?

7. Janezek podari sestrici 20 črešenj, njemu jih ostane še 48; koliko črešenj je imel?

8. Od 65 učencev jih manjka 5; koliko jih je v šoli?

9. Nekdo si zasluži ob vsakem delovniku v tednu po 11 dvajsetvinarskih novcev, a potroši vsak dan v tednu po 8 dvajsetvinarskih novcev; koliko mu ostane vsak teden?

10. *kg* suhih češpelj velja 4 desetvinarske novce; koliko velja 7 *kg*?

11. Nekdo potrebuje na dan 3 K 8 h; koliko na teden?

12. V neki hiši potrebujejo vsak teden po 2 *kg* cukra; koliko v 56 dneh?

13. Koliko svinčnikov dobiš za 42 h, ako 1 svinčnik velja 7 h?

14. Nekdo ima 70 K v zlatih novcih po 10 K; koliko desetkronskih novcev (zlatnikov) je to?

15. 63 učencev enega razreda sedi v 7 klopéh in sicer v vsaki klopi po enako število; po koliko jih sedi v eni klopi, po koliko v 3, 5, 2, 6, 4 klopéh?

16. Med 7 ubožcev se razdeli 28 K; po koliko dobi vsak?

17. 56 rastlin treba zasaditi v 7 enakih vrst; po koliko jih pride v eno vrsto?

18. Od 68 K (dolgá) plača nekdo polovico; koliko je še dolžan?

8. Računske vaje do osemdeset.

a. Prištevanje in odštevanje.

— 1. —

Izdelaj naslednje vrste:

1. $2+8$
$2+8=10$
$10+8=18$
do 74.

2. $3+8$

3. $5+8$

4. $7+8$

5. $8+8$

6. $1+9$

7. $5+9$

8. $4+9$

9. $9+9$

10. $79-8$
$79-8=71$
$71-8=63$
do 7.

11. $76-8$

12. $80-8$

13. $75-8$

14. $77-8$

15. $80-9$

16. $73-9$

17. $78-9$

18. $74-9$

— 2. —

$70+10=$	$67+10=$	$24+50=$	$63+14=$	$17+63=$
$50+20=$	$56+20=$	$13+60=$	$68+11=$	$26+48=$
$50+30=$	$45+30=$	$31+40=$	$54+23=$	$35+37=$
$40+40=$	$41+30=$	$57+20=$	$42+36=$	$44+29=$

— 3. —

$80-10=$	$73-10=$	$74-30=$	$73-12=$	$71-27=$
$70-20=$	$79-20=$	$78-10=$	$78-17=$	$72-36=$
$70-30=$	$72-20=$	$71-50=$	$74-23=$	$79-49=$
$80-20=$	$76-30=$	$75-40=$	$77-54=$	$74-65=$

— 4. —

66 + . = 74	68 + . = 72	65 + . = 73	30 + . = 80
72 + . = 80	76 + . = 79	69 + . = 76	50 + . = 80
68 + . = 75	72 + . = 78	64 + . = 70	40 + . = 70
67 + . = 71	74 + . = 77	62 + . = 71	10 + . = 60

b. Množenje števila 8 in sè številom 8.

1 • • • • • • • • 8	1 × 8 =	8 × 1 =
2 • • • • • • • • 16	2 × 8 =	8 × 2 =
3 • • • • • • • • 24	3 × 8 =	8 × 3 =

i. t. d.

— 5. —

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

— 6. —

3 × 4 + . = 18	2 × 9 + . = 21	5 × 7 + . = 41
6 × 5 + . = 35	6 × 6 + . = 43	8 × 2 + . = 23
5 × 3 + . = 19	4 × 7 + . = 35	6 × 9 + . = 62
4 × 8 + . = 37	9 × 3 + . = 32	9 × 5 + . = 50
7 × 9 + . = 64	3 × 6 + . = 24	7 × 8 + . = 63
5 × 5 + . = 25	8 × 7 + . = 64	8 × 6 + . = 55

— 7. —

2 × 20 =	2 × 11 =	3 × 12 =	4 × 14 =	5 × 12 =
3 × 20 =	2 × 13 =	3 × 18 =	4 × 11 =	5 × 15 =
4 × 20 =	2 × 27 =	3 × 21 =	4 × 19 =	6 × 11 =
2 × 40 =	2 × 38 =	3 × 25 =	4 × 16 =	6 × 12 =

c. Merjenje sè številom 8.

24 = . × 8; 8 v **24** =	72 = . × 8; 8 v **72** =
56 = . × 8; 8 v **56** =	32 = . × 8; 8 v **32** =
16 = . × 8; 8 v **16** =	8 = . × 8; 8 v **8** =
80 = . × 8; 8 v **80** =	64 = . × 8; 8 v **64** =
48 = . × 8; 8 v **48** =	40 = . × 8; 8 v **40** =

— 8. —

Kolikokrat je:

5 v 32, 10, 44, 12, 37, 9, 24, 30, 43, 26?
6 v 14, 48, 23, 51, 33, 18, 56, 8, 25, 39?
3 v 17, 25, 15, 8, 11, 26, 18, 12, 7, 27?
7 v 59, 9, 49, 36, 25, 63, 19, 31, 44, 38?
4 v 20, 13, 35, 5, 26, 17, 32, 15, 23, 39?
8 v 55, 74, 24, 30, 77, 43, 65, 19, 37, 56?

— 9. —

2 v 26 =	2 v 34 =	2 v 30 =	3 v 72 =
2 v 44 =	2 v 20 = 10	2 v 70 =	4 v 56 =
2 v 64 =	2 v 14 = 7	2 v 38 =	4 v 60 =
2 v 66 =	2 v 34 = 17	2 v 76 =	5 v 65 =
2 v 48 =		3 v 45 =	6 v 78 =

d. Deljenje sè številom 8.

48 = 8 × .;	1/8 od **48** =	56 = 8 × .;	1/8 od **56** =
16 = 8 × .;	1/8 od **16** =	24 = 8 × .;	1/8 od **24** =
64 = 8 × .;	1/8 od **64** =	8 = 8 × .;	1/8 od **8** =
80 = 8 × .;	1/8 od **80** =	40 = 8 × .;	1/8 od **40** =
32 = 8 × .;	1/8 od **32** =	72 = 8 × .;	1/8 od **72** =

— 10. —

1/4 od 12 =	1/8 od 24 =	1/7 od 21 =	1/8 od 72 + 5 =
1/7 od 35 =	1/5 od 25 =	1/6 od 36 =	1/2 od 18 − 5 =
1/3 od 18 =	1/5 od 40 =	1/8 od 16 =	1/8 od 32 + 6 =
1/8 od 56 =	1/2 od 14 =	1/8 od 72 =	1/5 od 45 − 6 =
1/6 od 48 =	1/8 od 64 =	1/4 od 28 =	1/6 od 18 + 7 =

— 11. —

1/3 od 72 =	1/2 od 34 =	1/3 od 48 =	1/4 od 52 =
1/3 od 60 = 20	1/2 od 38 =	1/3 od 54 =	1/4 od 76 =
1/3 od 12 = 4	1/2 od 56 =	1/3 od 75 =	1/5 od 70 =
1/3 od 72 = 24	1/2 od 78 =	1/3 od 78 =	1/6 od 72 =

— 12. —

1/5 od 40 − 3 =	1/4 od 12 + 5 =	1/3 od 27 − 7 =
1/8 od 16 + 4 =	1/7 od 42 − 4 =	1/5 od 20 + 5 =
1/3 od 24 − 5 =	1/8 od 32 + 7 =	1/7 od 63 − 3 =
1/6 od 36 + 6 =	1/2 od 18 − 8 =	1/8 od 32 + 1 =

e. Uporabe.

1. Koliko vinarjev je 7 desetvinarskih novcev in 2 h? — Koliko desetvinarskih novcev in vinarjev je 75 h?

2. Koliko vinarjev so 4 dvajsetvinarski novci? 3 desetvinarski novci in 3 dvovinarski novci?

3. Koliko *g* je 3, 5, 7, 8 *dkg*?

4. Koliko ur sta 2, 3 dnevi?

5. Koliko mesecev je 2, 3, 4, 5, 6 let?

---

6. Od dveh zabójev tehta prvi 40 *kg*, drugi 35 *kg*; koliko tehtata oba?

7. V bólnici za 80 bolnikov je 56 bolnikov; za koliko bolnikov je še prostora?

8. Od 75 učencev jih je prišlo v šolo 58; koliko jih manjka?

9. Nekdo je 5 K 78 h vinarjev dolžan in plača 3 K 60 h; koliko je še dolžan?

10. Dežnik velja 7 K; koliko velja 2, 5, 6, 9 dežnikov?

11. 1 par črevljev velja 8 K; koliko velja 2, 5, 8, 3, 7 parov?

12. Za 1 K se dobi 8 zvezkov; koliko za 10, 7, 4, 9 K?

13. Koliko *m* trakú se dobi za 72 h, če velja 1 *m* 8 h?

14. Koliko vrst je 48 dreves, ako stoji v vsaki vrsti po 8 dreves?

15. V nekem gozdu je treba posekati 72 dreves; v koliko dneh bodeta 2 drvarja izvršila to delo, če poseka vsak po eno drevo na dan?

16. Oče kupi 8 *m* sukna za zimsko obleko in plača 64 K; po čem je plačal *m*?

17. 4 slovnice veljajo 64 vinarjev; koliko velja 1 slovnica, koliko 2, 3, 5 slovnic?

9. Računske vaje do devetdeset.

a. Prištevanje in odštevanje.

— 1. —

Izdelaj naslednje vrste:

1. 1 + 7	**5.** 2 + 9	**9.** 90 − 7	**13.** 90 − 9
2. 6 + 7	**6.** 4 + 9	**10.** 83 − 7	**14.** 88 − 9
3. 1 + 8	**7.** 5 + 9	**11.** 89 − 8	**15.** 85 − 9
4. 4 + 8	**8.** 7 + 9	**12.** 86 − 8	**16.** 84 − 9

— 2. —

80 + 10 =	71 + 10 =	42 + 40 =	73 + 16 =	26 + 64 =
70 + 20 =	65 + 20 =	27 + 50 =	65 + 23 =	57 + 28 =
60 + 20 =	69 + 20 =	34 + 50 =	52 + 37 =	38 + 46 =
50 + 40 =	54 + 30 =	26 + 60 =	41 + 45 =	67 + 19 =

— 3. —

90 − 10 =	83 − 10 =	88 − 40 =	84 − 12 =	81 − 11 =
80 − 10 =	86 − 20 =	81 − 40 =	89 − 27 =	84 − 25 =
90 − 20 =	89 − 20 =	85 − 50 =	86 − 34 =	82 − 37 =
80 − 50 =	82 − 30 =	87 − 60 =	88 − 46 =	85 − 58 =

— 4. —

83 + . = 87	78 + . = 81	63 + . = 66	80 + . = 90
74 + . = 79	75 + . = 82	75 + . = 78	60 + . = 80
82 + . = 84	67 + . = 73	86 + . = 87	70 + . = 90
81 + . = 87	59 + . = 67	68 + . = 75	50 + . = 80

b. Množenje števila 9 in sè številom 9.

1 • • • • • • • • • 9	**1 × 9 =**	**9 × 1 =**
2 • • • • • • • • • 18	**2 × 9 =**	**9 × 2 =**
3 • • • • • • • • • 27	**3 × 9 =**	**9 × 3 =**

i t. d.

— 5. —

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

— 6. —

6 × 9 + . = 57	3 × 8 + . = 32	9 × 7 + . = 71
5 × 7 + . = 39	4 × 9 + . = 41	5 × 3 + . = 23
7 × 9 + . = 68	7 × 7 + . = 50	4 × 7 + . = 34
3 × 8 + . = 27	9 × 3 + . = 35	7 × 8 + . = 62

— 7. —

2 × 30 =	2 × 12 =	6 × 12 =	3 × 13 =	5 × 18 =
2 × 40 =	3 × 12 =	7 × 12 =	3 × 24 =	6 × 15 =
3 × 20 =	4 × 12 =	2 × 14 =	4 × 17 =	6 × 14 =
3 × 30 =	5 × 12 =	5 × 14 =	4 × 21 =	8 × 11 =

c. Merjenje sè številom 9.

72 = . × 9; 9 v **72** =	27 = . × 9; 9 v **27** =
18 = . × 9; 9 v **18** =	90 = . × 9; 9 v **90** =
63 = . × 9; 9 v **63** =	9 = . × 9; 9 v **9** =
36 = . × 9; 9 v **36** =	45 = . × 9; 9 v **45** =
81 = . × 9; 9 v **81** =	54 = . × 9; 9 v **54** =

— 8. —

Kolikokrat je:

8 v 46, 14, 24, 71, 55, 64, 30, 52, 63, 72?
5 v 29, 10, 19, 38, 40, 27, 35, 42, 36, 25?
9 v 55, 90, 79, 21, 54, 48, 26, 69, 45, 84?
7 v 64, 35, 15, 23, 67, 56, 27, 46, 52, 63?
4 v 16, 29, 7, 35, 21, 26, 12, 17, 34, 28?
6 v 18, 9, 38, 25, 40, 54, 36, 22, 53, 31?

— 9. —

2 v 28 =	3 v 36 =	2 v 36 =	3 v 45 =	4 v 64 =
2 v 44 =	3 v 69 =	2 v 52 =	3 v 57 =	5 v 85 =
2 v 62 =	4 v 84 =	2 v 74 =	3 v 78 =	3 v 90 =
2 v 86 =	5 v 55 =	2 v 90 =	3 v 81 =	7 v 84 =

d. Deljenje sè številom 9.

45 = 9 ×.; 1/9 od **45** =	18 = 9 ×.; 1/9 od **18** =
54 = 9 ×.; 1/9 od **54** =	81 = 9 ×.; 1/9 od **81** =
36 = 9 ×.; 1/9 od **36** =	9 = 9 ×.; 1/9 od **9** =
63 = 9 ×.; 1/9 od **63** =	27 = 9 ×.; 1/9 od **27** =
90 = 9 ×.; 1/9 od **90** =	72 = 9 ×.; 1/9 od **72** =

— 10. —

1/2 od 16 =	1/5 od 35 =	1/8 od 40 =	1/3 od 24 + 5 =
1/3 od 24 =	1/6 od 42 =	1/9 od 36 =	1/7 od 56 − 7 =
1/3 od 15 =	1/6 od 30 =	1/9 od 45 =	1/8 od 32 + 9 =
1/4 od 32 =	1/7 od 28 =	1/9 od 72 =	1/9 od 54 − 3 =
1/4 od 12 =	1/7 od 49 =	1/9 od 27 =	1/9 od 18 + 6 =
1/5 od 20 =	1/8 od 56 =	1/9 od 63 =	1/2 od 16 − 8 =

e. Uporabe.

1. Koliko vinarjev je 9 desetvinarskih novcev? 8 desetvinarskih novcev in 7 vinarjev? — Koliko desetvinarskih novcev in vinarjev je 83, 88, 90 vinarjev?

2. Koliko *dm* je 8 *m* in 5 *dm*?

3. Za koliko je 85 minut več kakor 1 ura?

4. Koliko pôl je 3, 5, 7, 9 lég papirja?

---

5. Kmet proda 36 *hl* pšenice in 48 *hl* rži; koliko *hl* žita je to?

6. Starček je zdaj 82 let star; koliko je bil star pred 50 leti?

7. Gostilničar ima 2 soda ôla (piva); v prvem ga je 82 *l*, v drugem 16 *l* manj; koliko *l* ga je v drugem sodu?

8. 1 *l* boba velja 22 h; koliko veljajo 4 *l*?

9. 1 *hl* turščice velja 10 K; koliko velja 5, 8, 9 *hl*?

10. Za en desetvinarski novec se dobi 9 hrušek; koliko za 3, 10, 7, 5 desetvinarskih novcev?

11. Za 1 par nogavic se potrebuje 9 *dkg* volne; koliko za 2, 5, 6, 9, 4 pare?

12. Koliko dreves je v 9 vrstah, ako stoji v vsaki vrsti po 9 dreves?

13. Nekdo potrebuje vsak mesec po 22 K za hrano; koliko v 2, 3, 4 mesecih?

14. En par kuretine velja 9 desetvinarskih novcev; koliko parov se je dobi za 72 desetvinarskih novcev?

15. Na 84 *m* velikem prostoru je treba zasaditi drevesa takó, da stoji vsako drevo po 7 *m* vsaksebi; koliko dreves je treba?

16. Krava potrebuje v 9 dneh 90 *kg* senâ; koliko na dan?

17. Ako se za 12 K 72 h dobi 3 *m* suknà, po čem je *m*?

18. Kositrena posoda tehta sama 2 *kg*, z repnim oljem napolnjena 11 *kg*; ako se je moralo plačati za olje 81 desetvinarskih novcev, koliko desetvinarskih novcev je veljal *kg*?

19. Odrastel človek ima v obeh čeljustih 32 zôb; koliko v eni čeljusti? — 4. del zob so sekavci, 8. del so podôčnjaki; koliko sekavcev in koliko podôčnjakov ima človek vseh skupaj, koliko v vsaki čeljustnici?

10. Računske vaje do sto.

a. Prištevanje in odštevanje.

— 1. —

Izdelaj naslednje vrste:

1. 1 + 2	**7.** 2 + 6	**13.** 100 − 2	**19.** 96 − 6
2. 2 + 3	**8.** 3 + 7	**14.** 98 − 3	**20.** 95 − 6
3. 1 + 4	**9.** 4 + 8	**15.** 99 − 4	**21.** 90 − 7
4. 3 + 4	**10.** 2 + 8	**16.** 98 − 4	**22.** 94 − 8
5. 2 + 5	**11.** 5 + 9	**17.** 97 − 5	**23.** 100 − 9
6. 4 + 5	**12.** 7 + 9	**18.** 94 − 5	**24.** 92 − 9

— 2. —

90 + 10 =	49 + 10 =	67 + 30 =	36 + 12 =	35 + 18 =
50 + 30 =	17 + 20 =	15 + 50 =	54 + 14 =	28 + 32 =
70 + 20 =	25 + 30 =	29 + 60 =	23 + 25 =	74 + 19 =
40 + 50 =	57 + 20 =	46 + 30 =	23 + 61 =	55 + 45 =
20 + 80 =	51 + 40 =	78 + 20 =	45 + 32 =	24 + 37 =

— 3. —

100 − 10 =	98 − 10 =	83 − 50 =	89 − 15 =	34 − 15 =
40 − 20 =	36 − 20 =	59 − 30 =	35 − 13 =	73 − 18 =
70 − 40 =	86 − 40 =	92 − 70 =	62 − 21 =	52 − 26 =
90 − 50 =	77 − 50 =	81 − 60 =	76 − 42 =	93 − 47 =
80 − 60 =	43 − 30 =	68 − 40 =	57 − 36 =	65 − 39 =

— 4. —

41 + . = 47	27 + . = 32	50 + . = 80	67 + . = 98
53 + . = 56	69 + . = 71	70 + . = 100	51 + . = 85
22 + . = 28	45 + . = 53	68 + . = 88	45 + . = 68
75 + . = 77	76 + . = 84	37 + . = 77	11 + . = 99
86 + . = 89	34 + . = 43	25 + . = 75	56 + . = 71

— 5. —

Koliko je treba prišteti k vsakemu naslednjemu številu, da se dobi 100?

45, 27, 81, 30, 52, 64, 73, 19, 50, 63;
14, 91, 76, 58, 80, 47, 17, 24, 61, 40;
72, 46, 90, 56, 44, 85, 13, 78, 22, 67;
31, 48, 11, 29, 84, 66, 32, 70, 59, 51;
79, 20, 86, 34, 28, 74, 43, 65, 33, 75;
35, 83, 15, 60, 57, 42, 10, 71, 39, 26.

b. Množenje.

1 • • • • • • • • • • 10 **1 × 10 =** **10 × 1 =**
2 • • • • • • • • • • 20 **2 × 10 =** **10 × 2 =**
i t. d.

— 6. —

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

— 7. —

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

— 8. —

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

— 9. —

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

— 10. —

2 × 20 =	2 × 11 =	2 × 12 =	2 × 13 =	2 × 28 =
3 × 20 =	4 × 11 =	5 × 12 =	6 × 16 =	3 × 25 =
5 × 20 =	7 × 11 =	3 × 12 =	4 × 19 =	3 × 29 =
3 × 30 =	9 × 11 =	6 × 12 =	3 × 15 =	4 × 21 =
2 × 40 =	6 × 11 =	4 × 12 =	5 × 18 =	2 × 36 =
2 × 50 =	8 × 11 =	7 × 12 =	4 × 25 =	3 × 31 =

— 11. —

4 × 6 + 2 =	3 × 7 + . = 24	6 × 3 + . = 20
5 × 8 + 3 =	5 × 4 + . = 29	2 × 8 + . = 23
8 × 3 + 4 =	7 × 9 + . = 65	4 × 7 + . = 35
3 × 9 + 5 =	6 × 7 + . = 48	8 × 6 + . = 54
4 × 4 + 6 =	4 × 8 + . = 33	3 × 5 + . = 22
7 × 8 + 7 =	9 × 5 + . = 47	4 × 9 + . = 41

c. Merjenje.

10 v 40 =	10 v 30 =	10 v 50 =	10 v 20 =	10 v 10 =
10 v 60 =	10 v 70 =	10 v 100 =	10 v 80 =	10 v 90 =

— 12. —

Kolikokrat je:

2 v 10, 11, 12, 13, . . . 18, 19, 20?
3 v številih od 10 do 30?
4 „ „ „ 20 „ 40?
5 „ „ „ 30 „ 50?
6 „ „ „ 40 „ 60?
7 „ „ „ 50 „ 70?
8 „ „ „ 60 „ 80?
9 „ „ „ 70 „ 90?
10 „ „ „ 80 „ 100?

— 13. —

2 v 40 =	2 v 24 =	3 v 69 =	2 v 34 =	4 v 56 =
2 v 60 =	2 v 46 =	3 v 93 =	2 v 78 =	4 v 92 =
2 v 100 =	2 v 68 =	4 v 48 =	2 v 92 =	5 v 65 =
3 v 90 =	2 v 26 =	4 v 88 =	3 v 42 =	6 v 78 =
4 v 80 =	2 v 82 =	4 v 84 =	3 v 84 =	8 v 96 =

d. Deljenje.

1/10 od 30=	1/10 od 100=	1/10 od 20=	1/10 od 80=	1/10 od 10=
1/10 od 70=	1/10 od 60=	1/10 od 40=	1/10 od 50=	1/10 od 90=

— 14. —

1/2 od 10 =	1/8 od 56 =	1/5 od 30 =	1/10 od 70 =
1/3 od 27 =	1/9 od 72 =	1/2 od 16 =	1/6 od 54 =
1/4 od 28 =	1/10 od 80 =	1/4 od 36 =	1/10 od 20 =
1/5 od 35 =	1/3 od 18 =	1/10 od 50 =	1/2 od 8 =
1/6 od 48 =	1/6 od 12 =	1/8 od 64 =	1/5 od 45 =
1/7 od 21 =	1/10 od 40 =	1/7 od 63 =	1/4 od 32 =

— 15. —

1/2 od 40 =	1/2 od 28 =	1/3 od 63 =	1/2 od 32 =
1/2 od 80 =	1/2 od 42 =	1/3 od 96 =	1/2 od 78 =
1/3 od 60 =	1/2 od 64 =	1/4 od 48 =	1/3 od 45 =
1/4 od 80 =	1/2 od 86 =	1/4 od 84 =	1/4 od 52 =
1/5 od 100 =	1/2 od 82 =	1/4 od 88 =	1/5 od 75 =

— 16. —

1/2 od 16 + 5 =	1/4 od 20 + 5 =	1/2 od 24 + 13 =
1/3 od 27 − 3 =	1/7 od 63 − 7 =	1/3 od 78 − 17 =
1/5 od 40 + 6 =	1/8 od 32 + 9 =	1/4 od 96 + 15 =
1/6 od 48 − 4 =	1/3 od 26 − 2 =	1/5 od 85 − 14 =

e) Uporabe.

1. Koliko vinarjev je 2, 3, 4, . . . 9, 10 desetvinarskih novcev? — Koliko desetvinarskih novcev je 10, 30, 60, 90 40, 80 h?

2. Koliko vinarjev so *a)* 3 desetvinarski novci in 7 h? *b)* 8 desetvinarskih novcev in 1 h?

3. Koliko desetvinarskih novcev in vinarjev je 35, 37, 88, 94, 46, 25, 80, 17, 48, 62 h?

4. Koliko desetvinarskih novcev je 2, 3, 4, . . . 10 kron? Koliko kron je 10, 40, 70, 30, 80, 50 desetvinarskih novcev?

5. Koliko desetvinarskih novcev so *a)* 4 krone 5 desetvinarskih novcev? *b)* 7 kron 3 desetvinarski novci?

6. Koliko kron in vinarjev je 16, 53, 26, 72, 61, 19, 60, 14, 58, 45, 22 desetvinarskih novcev?

7. Koliko dvajsetvinarskih novcev je 2, 3, 4, . . . 10, 12, 18, 20 K? Koliko kron je 10, 30, 45, 80, 84, 92 dvajsetvinarskih novcev?

---

8. Koliko *dm* je 2, 3, 4, . . . 9 *m*? 7 *m* 3 *dm*?
9. „ *m* je 10, 40, 70, 30, 90 *dm*?
10. „ *m* in *dm* je 82 *dm*?
11. „ *cm* je 3, 8, 2, 5, 9, 4 *dm*?
12. „ *dm* je 10, 40, 90, 53 *cm*?
13. „ *dl* je 2, 3, 7, 5, 9 *l*?
14. „ *l* je 40, 60, 27, 78 *dl*?
15. „ *g* je 2, 3, 9, 4, 6 *dkg*?
16. „ *dkg* je 20, 50, 37, 84 *g*?
17. „ mesecev je 3, 7, 5, 8, 6 let?
18. „ ur je 2, 3, 4 dni?
19. „ kosov je 2, 4, 5, 7, 8 ducatov?
20. „ pôl je 2, 3, 6, 9 lég papirja?
21. „ bukev je 3, 5, 7, 8 rizem papirja?

---

22. Gospodinja kupi za 56 h sveč in za 42 h cukra; koliko plača vsega skupaj?

23. Neka vas ima 78 hiš, druga jih ima 15 več; koliko hiš ima druga vas?

24. V gozdu so posekali 56 hrastov, 21 bukev in 18 jelk; koliko dreves vsega skupaj?

25. Dve teleti veljate 93 K, eno velja 48 K; koliko velja drugo?

26. Sodček olja tehta 94 *kg*, a sodček sam ima 15 *kg*; koliko *kg* olja je v sodčku?

27. Nekdo ima eno krono in potroši:

10, 30, 80, 50, 90, 40, 60, 20, 70 h;
28, 53, 17, 33, 55, 68, 82, 15, 92 h;
59, 24, 48, 76, 29, 62, 54, 45, 86 h;

koliko vinarjev (beličev) mu še ostane?

28. Nekdo je dolžan 1 K in plača

43 (64, 88, 19, 67, 74, 59, 36) h;

koliko je še dolžan?

29. Jožek si kupi knjižico za 36 h in plača eno krono; koliko vinarjev dobí nazaj?

30. Iz 1 *hl* piva se iztoči

64 (81, 54, 39, 45, 27, 73, 15) *l*;

koliko *l* ga še ostane?

31. Od 100 *kg* riža ostane trgovcu še

12 (33, 56, 79, 48, 80, 63, 27) *kg*;

koliko *kg* ga je prodal?

32. Konjar kupi žrebca za 88 K in ga proda za 100 K; koliko ima dobička?

33. Čreda šteje 94 ovác, od katerih se prodá 15 ovác; koliko ovác šteje še čreda?

34. Vrtnar proda 45 mladih drevesec in jih obdrži še 52; koliko mladih drevesec je imel?

35. 1 lega papirja velja 10 dvovinarskih novcev; koliko velja 2, 6, 7, 10 leg?

36. Koliko velja 7, 5, 3, 8 *hl* ječmena po 10 K?

37. „ „ 3, 8, 4, 10 pisank po 8 h?

38. Koliko veljajo 3 *l* piva po 32 h?

39. „ „ 4 *l* boba (fižola) po 24 h?

40. „ velja 5 *l* mleka po 16 h?

41. Dekla dobí 1 K za nakup; če kupi 2 *kg* solí po 26 h in za 36 h jajec, koliko denarja prinese nazaj?

42. Nekdo kupi 6 kosov barv po 9 h in 6 kosov po 7 h; koliko mora plačati?

43. Za 1 konja se potrebuje vsak dan po 13 *kg*, za 1 kravo po 11 *kg* sená; koliko sena se potrebuje vsak dan za 2 konja in 6 krav?

44. Nekdo ima 8 delavcev in plača v soboto vsakemu po 9 K 12 h; koliko vsem skupaj?

45. *hl* turščice velja 10 K; koliko *hl* se dobi za 60 K?

46. Koliko desetkronskih novcev ti je treba, da plačaš 70 K?

47. Koliko po 5 *cm* dolgih deščic lahko odžagaš iz 1 *m* dolge deske?

48. Ob cesti stoji na vsakih 10 *m* po eden cestni kamen koliko takih kamenov je na 80 *m* daljave?

49. 10 *m* suknà velja 80 K; koliko velja 1 *m*?

50. Za 10 K se dobi 20 *kg* riža; koliko za 1 K?

51. Za desetvinarski novec se dobi 30 orehov; koliko za 1 h?

52. V 10 enôlikih vrstah stojí 90 drevesec; koliko v 1 vrsti?

53. 1 *hl* piva velja 32 K 60 h; koliko velja 50, 25 *l*?

54. Delavec plača na leto 100 K najemnine; koliko za 3 mesece?

55. Dekla ima na leto 84 K plače; koliko dobi v 2 mesecih?

56. Deček ima 64 sviloprejk; četrtina se jih je že zabubila. Koliko sviloprejkam mora še skrbeti za hrano?

II. Početno računanje z ulomki.

1. Polovice.

Ako razdelimo celoto na 2 enaka dela, imenuje se vsak del p o l celote ali p o l o v i c a ($^1/_2$), 2 polovici ($^2/_2$) skupaj daste zopet eno celoto.

1. Koliko polovic dá ena celota?
2. „ polovic je 2, 3, 4 8, 12, 25 celot?
3. „ polovic je $1\,^1/_2$, $2\,^1/_2$, $5\,^1/_2$, $14\,^1/_2$?
4. „ celot je 2, 4, 6, 10, 26 polovic?

---

5. $1 + {}^1/_2 =$	6. $^1/_2 + 2 =$	7. $^1/_2 + {}^1/_2 =$
$2 + 1\,^1/_2 =$	$1\,^1/_2 + 3 =$	$2\,^1/_2 + {}^1/_2 =$
$15 + 3\,^1/_2 =$	$8\,^1/_2 + 6 =$	$16\,^1/_2 + 5\,^1/_2 =$

Izračuni naslednje vrste do 100 ali blizu do 100:

8. $90 + {}^1/_2$	9. $82\,^1/_2 + 1\,^1/_2$	10. $37 + 5\,^1/_2$
11. $2\,^1/_2 - {}^1/_2 =$	12. $5\,^1/_2 - 2 =$	13. $1 - {}^1/_2 =$
$10\,^1/_2 - 2\,^1/_2 =$	$8\,^1/_2 - 3 =$	$4 - 1\,^1/_2 =$
$25\,^1/_2 - 8\,^1/_2 =$	$37\,^1/_2 - 18 =$	$20 - 6\,^1/_2 =$

Izračuni naslednje vrste do 0 ali blizu do 0:

14. $9\,^1/_2 - {}^1/_2$	15. $23 - 1\,^1/_2$	16. $61\,^1/_2 - 5\,^1/_2$
17. $2 \times {}^1/_2 =$	18. $4 \times 1\,^1/_2 =$	19. $10 \times 3\,^1/_2 =$
$5 \times {}^1/_2 =$	$9 \times 2\,^1/_2 =$	$12 \times 7\,^1/_2 =$

20. Kolikokrat je 1 polovica v 7 polovicah (obsežena)?
21. Kolikokrat je $^1/_2$ v 1, 2, 3, $5\,^1/_2$, $17\,^1/_2$ (obsežena)?
22. Koliko je 5ti del od $^{35}/_2$?

---

23. Koliko vinarjev je $^1/_2$ krone?
24. „ *l* je $^1/_2$ *hl*?
25. „ *dkg* je $^1/_2$ *kg*?

26. Koliko minut je $^1/_2$ ure?

27. Koliko mesecev je $^1/_2$ leta?

28. Nekdo kupi $3\,^1/_2$ in $1\,^1/_2$ bukev papirja; koliko je to skupaj?

29. Od kosa sukna, ki ima sedàj še $25\,^1/_2\,m$, odrezalo se je $3\,^1/_2\,m$ za obleko; koliko m sukna je bilo v začetku?

30. Od $20\,kg$ blagá prodaš $12\,^1/_2\,kg$; koliko ti ga še ostane?

31. Delavec si zasluži vsak dan po $1\,^1/_2$ K; koliko v 5 dneh?

2. Četrtine.

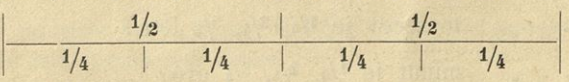
Ako razdelimo celoto na štiri enake dele, imenuje se vsak del četrtina ($^1/_4$).

1. Koliko četrtin ima 1 celota?

2. „ četrtin je 2, 4, 7, 12, 20 celot?

3. „ četrtin je $1\,^1/_4$, $2\,^1/_4$, $4\,^3/_4$, $8\,^2/_4$, $13\,^1/_4$?

4. „ celot je 4, 8, 20, 36, 76 četrtin?



Ako razdelimo celoto najpred na 2 polovici, in potem vsako polovico zopet na 2 enaka dela, dobimo tudi četrtine.

5. Koliko četrtin ima 1 polovica?

6. „ četrtin je $^2/_2$, $^3/_2$, $^5/_2$, $^{13}/_2$, $^{25}/_2$?

7. „ polovic ste $^2/_4$, $^6/_4$, $^{10}/_4$, $^{34}/_4$, $^{54}/_4$?

---

8. $1 + {}^1/_4 =$ $3 + 1\,^2/_4 =$ $17 + 4\,^3/_4 =$

9. $^3/_4 + 2 =$ $5\,^1/_4 + 6 =$ $28\,^2/_4 + 3\,^1/_4 =$

10. $^3/_4 + {}^1/_4 =$ $8\,^3/_4 + 2\,^3/_4 =$ $31\,^3/_4 + 12\,^1/_2 =$

Izračuni naslednje vrste do 100 ali blizu do 100:

11. $97 + 1/4$ **12.** $89\,1/4 + 3/4$ **13.** $51\,2/4 + 4\,1/4$

14. $8\,1/4 - 3\,1/4 =$ **15.** $4 - 1/4 =$ **16.** $9\,3/4 - 5\,1/4 =$
$7\,3/4 - 4\,3/4 =$ $12 - 3\,1/4 =$ $26\,1/4 - 8\,3/4 =$
$12\,2/4 - 5 =$ $37 - 20\,3/4 =$ $41\,1/2 - 12\,3/4 =$

Izračuni naslednje vrste do 0 ali blizu do 0:

17. $3 - 1/4$ **18.** $6 - 3/4$ **19.** $32\,1/2 - 3\,1/4$

20. $4 \times 1/4 =$ **21.** $6 \times 3\,2/4 =$ **22.** $5 \times 8\,3/4 =$
$3 \times 2\,1/4 =$ $9 \times 5\,2/4 =$ $7 \times 13\,3/4 =$
$15 \times 4\,1/4 =$ $12 \times 7\,2/4 =$ $10 \times 9\,3/4 =$

23. Kolikokrat je 1 četrtina v 3 četrtinah obsežena?

24. Kolikokrat je $1/4$ v 1, 2, 4, 7, $2\,1/4$, $7\,3/4$ obsežena?

25. Koliko je 6ti del od $30/4$?

26. Koliko je polovica od $6/4$, $18/4$, $2\,2/4$, $19\,2/4$?

---

27. Koliko vinarjev je $1/4$, $2/4$, $3/4$ krone?

28. „ *dkg* je $1/4$, $2/4$, $3/4$ *kg*?

29. „ *l* je $1/4$, $2/4$, $3/4$ *hl*?

30. „ mesecev je $1/4$, $2/4$, $3/4$ leta?

31. „ minut je $1/4$, $2/4$, $3/4$ ure?

32. Gospodinja šiva predpóludne $4\,3/4$ ure, popóludne $4\,1/2$ ure; koliko ur vsega skupaj?

33. Od 8 *m* platna odreže gospodinja $3\,1/4$ *m*; koliko *m* ga je še v ostalem kosu?

34. Neka steklenica drži $1\,1/2$ *l*, druga $3/4$ *l* vina; koliko vina je v prvej steklenici več nego v drugi?

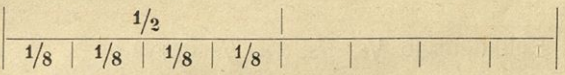
35. Nekdo proda 9 *hl* vina in pridobi pri vsakem *hl* $5\,1/4$ K; koliko ima dobička vsega skupaj?

36. Neki vodnjak dá v 1 minuti $12\,1/4$ *l* vode; koliko v 8 minutah?

3. Osmine.

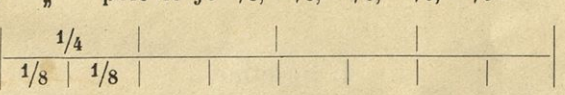
Ako razdelimo celoto na osem enakih delov, imenuje se vsak del osmina ($^1/_8$).

1. Koliko osmin ima ena celota?
2. „ osmin je 2, 3, 5, 9, 12 celot?
3. „ osmin je $1\,^1/_8$, $2\,^3/_8$, $5\,^5/_8$, $8\,^7/_8$?
4. „ celot je 8, 16, 32, 40, 72 osmin?



Ako razdelimo celoto najprej na 2 polovici in potlej vsako polovico še na 4 enake dele, dobimo tudi osmine.

5. Koliko osmin ima 1 polovica?
6. „ osmin je $^2/_2$, $^3/_2$, $^5/_2$, $^{17}/_2$, $^{25}/_2$?
7. „ polovic je $^4/_8$, $^{12}/_8$, $^{20}/_8$, $^{32}/_8$, $^{36}/_8$?



Ako razdelimo celoto najprej na 4 četrtine, in potlej še vsako četrtino na 2 enaka dela, dobimo tudi osmine.

8. Koliko osmin ima 1 četrtina?
9. „ osmin ste $^2/_4$, $^6/_4$, $^{10}/_4$, $^{26}/_4$, $^{35}/_4$?
10. „ četrtin ste $^2/_8$, $^4/_8$, $^{10}/_8$, $^{26}/_8$?

---

11. $1 + {}^3/_8 =$ $3\,^5/_8 + 2 =$
12. $^5/_8 + {}^3/_8 =$ $18\,^7/_8 + 9\,^3/_8 =$
13. $^1/_2 + {}^3/_8 =$ $17\,^7/_8 + 5\,^1/_4 =$

Izračuni naslednje vrste do 100 ali blizu do 100:

14. $94 + {}^3/_8$
15. $89\,^1/_8 + 1\,^5/_8$
16. $64\,^1/_2 + 3\,^7/_8$

17. $1\frac{3}{8} - \frac{3}{8} =$ $12\frac{7}{8} - 8\frac{5}{8} =$ **18.** $3 - \frac{5}{8} =$ $8\frac{3}{8} - 2\frac{7}{8} =$ **19.** $9\frac{7}{8} - 4\frac{1}{2} =$ $15\frac{1}{4} - 8\frac{5}{8} =$

Izračuni naslednje vrste do 0 ali blizu do 0:

20. $3 - \frac{3}{8}$ **21.** $11\frac{5}{8} - 1\frac{1}{8}$ **22.** $42\frac{1}{2} - 4\frac{7}{8}$

23. $8 \times \frac{1}{8} =$ $7 \times 3\frac{1}{8} =$ **24.** $8 \times 5\frac{3}{8} =$ $12 \times 4\frac{5}{8} =$ **25.** $4 \times 18\frac{7}{8} =$ $8 \times 11\frac{5}{8} =$

26. Kolikokrat je 1 osmina v 5 osminah (obsežena)?

27. Kolikokrat je $\frac{1}{8}$ v 1, 2, 5, $1\frac{3}{8}$, $2\frac{1}{2}$, $4\frac{3}{4}$ (obsežena)?

28. Koliko je polovica od $\frac{2}{8}$, $\frac{14}{8}$, $\frac{1}{4}$, $6\frac{3}{4}$?

---

29. Koliko ur je $\frac{1}{8}$, $\frac{2}{8}$, $\frac{3}{8}$, $\frac{7}{8}$ dneva?

30. Nekdo izpije pri kosilu $\frac{1}{4}$ *l*, pri večerji $\frac{1}{8}$ *l* vina; koliko vsega skupaj?

31. Lukec je $8\frac{1}{8}$ leta star, Markec pa je za $\frac{5}{8}$ leta mlajši; koliko je star Markec?

32. Koliko vina drže 4 steklenice, ako drži vsaka po $1\frac{5}{8}$ *l*?

4. Desetine.

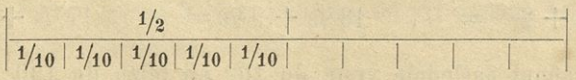
Ako razdelimo celoto na 10 enakih delov, imenuje se vsak del desetina ($\frac{1}{10}$).

1. Koliko desetin ima 1 celota?

2. „ desetin je 2, 3, 8, 9 celot?

3. „ desetin je $1\frac{1}{10}$, $2\frac{3}{10}$, $5\frac{7}{10}$, $8\frac{9}{10}$?

4. „ celot je 10, 20, 40, 70 desetin?

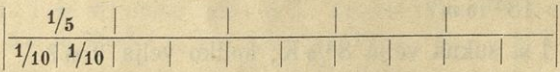


Ako razdelimo celoto najprej na 2 polovici in potlej vsako polovico na 5 enakih delov, dobimo tudi desetine.

5. Koliko desetin ima 1 polovica?

6. „ desetin je $^2/_2$, $^3/_2$, $^5/_2$, $^9/_2$, $^{17}/_2$?

7. „ polovic je $^5/_{10}$, $^{15}/_{10}$, $^{35}/_{10}$, $^{55}/_{10}$, $9^5/_{10}$?



Ako razdelimo celoto najprej v 5 petin in potlej vsako petino v 2 enaka dela, dobimo tudi desetine.

8. Koliko desetín ima 1 petina?

9. „ desetín je $^2/_5$, $^6/_5$, $^{12}/_5$, $^{32}/_5$, $^{26}/_5$?

10. „ petín je $^4/_{10}$, $^{12}/_{10}$, $^6/_{10}$, $^{24}/_{10}$, $^{44}/_{10}$?

---

11. $1 + {}^1/_{10} =$ 12. $^4/_{10} + {}^3/_{10} =$ 13. $^7/_{10} + {}^1/_2 =$
$8^7/_{10} + 9 =$ $19^9/_{10} + 8^5/_{10} =$ $30^1/_2 + 2^9/_{10} =$

Izračuni naslednje vrste do 100 ali blizu do 100:

14. $89 + 1^1/_{10}$ 15. $47^7/_{10} + 5^3/_{10}$ 16. $69^1/_2 + 3^7/_{10}$

17. $3^1/_{10} - {}^1/_{10} =$ 18. $1 - {}^3/_{10} =$ 19. $15^1/_{10} - 6^7/_{10} =$
$8^7/_{10} - 5 =$ $13 - 2^9/_{10} =$ $18^1/_2 - 7^3/_{10} =$

Izračuni naslednje vrste do 0 ali blizu do 0:

20. $2 - {}^3/_{10}$ 21. $28 - 3^7/_{10}$ 22. $45^1/_2 - 4^9/_{10}$

23. $10 \times {}^1/_{10} =$ 24. $5 \times 6^7/_{10} =$ 25. $2 \times 48^9/_{10} =$
$8 \times 1^3/_{10} =$ $9 \times 9^7/_{10} =$ $4 \times 21^9/_{10} =$

26. Kolikokrat je 1 desetína v 8 desetínah obsežena?

27. Kolikokrat je $^1/_{10}$ v 1, 2, 7, $4^3/_{10}$, $^1/_2$, $3^1/_2$ obsežena?

28. Koliko je 8mi del od $^{48}/_{10}$, $^{72}/_{10}$, $9^6/_{10}$?

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29. Koliko vinarjev			kron?
30. „ *dm*			*m*?
31. „ *l*		je	*hl*?
32. „ *dkg*		$^1/_{10}$, $^2/_{10}$, $^3/_{10}$, $^4/_{10}$, $^5/_{10}$, $^7/_{10}$, $^8/_{10}$, $^9/_{10}$	*kg*?
33. „ minut			ur?

34. Gospodinja kupi kave za $1\frac{1}{10}$ K, cukra za $1\frac{4}{5}$ K in riža za $1\frac{1}{2}$ K; koliko mora plačati vsega skupaj?

35. Kos platna ima $31\frac{3}{10}$ *m*; koliko ga še ostane, ako se ga odreže $18\frac{7}{10}$ *m*?

36. 1 *m* suknà velja $8\frac{4}{5}$ K; koliko velja 9 *m*?

5. Stotíne.

Ako razdelimo celoto na 100 enakih delov, imenuje se vsak del **stotína** ($\frac{1}{100}$). Ako razdelimo celoto najpred na 10 desetín in potlej vsako desetino zopet na 10 enakih delov, dobimo tudi stotíne.

(Pojasnjuje naj se na metru; decimetri so desetíne, centimetri stotíne.)

1. Koliko stotin ima 1 celota?

2. „ stotin ima 1 desetina?

3. „ stotin je 2, 3, 7, 9 desetín?

4. „ desetín je 10, 20, 25, 50, 80 stotín?

---

5. $7 + 3\frac{5}{100} =$ $\quad$ $\frac{33}{100} + \frac{9}{100} =$ $\quad$ **6.** $\frac{7}{100} + \frac{7}{10} =$ $\quad$ $15\frac{23}{100} + 1\frac{3}{10} =$

7. $37\frac{41}{100} - 9 =$ $\quad$ $50\frac{73}{100} - 28\frac{21}{100} =$ $\quad$ **8.** $15 - \frac{23}{100} =$ $\quad$ $52\frac{3}{10} - 27\frac{9}{100} =$

9. $2 \times \frac{37}{100} =$ $\quad$ $9 \times \frac{11}{100} =$ $\quad$ **10.** $4 \times 9\frac{23}{100} =$ $\quad$ $5 \times 7\frac{19}{100} =$ $\quad$ **11.** $6 \times 15\frac{13}{100} =$ $\quad$ $3 \times 32\frac{11}{100} =$

---

12. Koliko vinarjev
13. „ *cm*
14. „ *l*
15. „ *dkg*

} je $\frac{1}{100}$, $\frac{19}{100}$, $\frac{47}{100}$, $\frac{50}{100}$, $\frac{77}{100}$, $\frac{93}{100}$ {

krone?
m?
hl?
kg?

16. Nekdo potroši: $25\frac{13}{100}$ K, $37\frac{7}{10}$ K in $19\frac{57}{100}$ K; koliko vsega skupaj?

17. Od 50 *kg* blaga prodaš $18\frac{37}{100}$ *kg*; koliko ti ga še ostane?

18. Koliko velja 5 *kg* žgane kave po $4\frac{18}{100}$ K?

III. Kako se izračuni cena kake stvari.

a.

1. 1 *m* svilenine velja 6 K; koliko velja 9 *m*?
9 *m* je 9krat 1 *m*, 9 *m* velja torej 9krat 6 K, t. j. 54 K.

2. 1 par črevljev velja 15 K; koliko velja 6 parov?

3. 1 *hl* vina velja 48 K; koliko veljata 2 *hl*?

4. Koliko velja 2, 3, 4, 5 *hl* prosá po 16 K?

5. Koliko velja 2, 5, 6, 9 kosmatih kap po 6 K 8 h?

6. Koliko velja 3, 4, 7 torbic za šolo po 3 K 12 h?

7. Koliko velja 6 parov rokavic po 2 K 16 h?

8. 1 lega papirja velja 18 h; koliko velja 5 lég?

9. Koliko velja 7 stolov po 9 K 14 h?

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10. 1 *dm* volnene vrvce velja 1 h; koliko velja 1 *m*?
1 *m* je 10 × 1 *dm*, 1 *m* velja torej 10 × 1 h = 10 h = 1 desetvinarski novec.

11. Koliko desetvinarskih novcev velja 1 *m*, ako velja 1 *dm* 2, 4, 7, 9, 12, 38, 65 h?

12. 1 lega papirja velja 8 h; koliko veljajo 1 bukve?

13. Koliko desetvinarskih novcev veljajo 1 bukve, ako velja 1 lega 5, 9, 12 h?

14. 1 *dkg* smokove kave velja 1 h; koliko velja 1 *kg*?

15. Koliko kron velja 1 *kg*, ako velja 1 *dkg* 9, 20, 32, 50, 72 h?

16. 1 *kg* stare železnine velja 8 h; koliko velja 1 *q*?

17. Koliko kron velja 1 *q*, ako velja 1 *kg* 9, 12, 20, 28, 36, 48 h?

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18. 1 *kg* suhih češpelj velja 43 h; koliko velja 6 *kg*?
1 *kg* velja 43 h = 4 desetvinarske novce + 3 h
6 *kg* velja 6 × 4 desetvinarskih novcev + 6 × 3 h
6 × 4 desetvinarskih novcev = 24 desetvinarskih novcev 2 K 40 h
6 × 3 h . . . . . = 18 h
2 K 40 h + 18 . . . = 2 K 58 h.

19. 1 *kg* riža velja 52 h; koliko velja 7 *kg*?

20. 1 *l* ôla velja 31 h; koliko velja 5 *l*?

21. Koliko velja 2, 5, 8, 9, 10 *l* mleka po 17 h?

22. „ „ 3, 4, 6, 7, 9 *l* piva po 28 h?

23. „ „ 8, 2, 5, 4, 6 *kg* moke po 36 h?

24. „ „ 6, 9, 3, 7, 10 *kg* kumina (kimlja) po 64 h?

25. „ „ 3, 10, 4, 5, 7 *m* svilenine po 4 K 60 h?

26. „ „ 6, 8, 7, 9, 4 *m* suknà po 8 K 10 h?

27. „ „ 2, 5, 7, 9 *hl* rži po 10 K 5 h?

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28. 1 *m* trakú velja 26 h; koliko velja 16 *m*?

1 *m* velja 26 h = $^1/_4$ K + 1 h
16 „ „ $^{16}/_4$ K + 16 × 1 h
$^{16}/_4$ K . . . = 4 K
16 × 1 h = 16 h
4 K + 16 h = 4 K 16 h.

29. 1 *l* leče velja 48 h; koliko velja 7 *l*?

1 *l* velja 48 h = $^1/_2$ K — 2 h
7 *l* „ $^7/_2$ K — 7 × 2 h
$^7/_2$ K . . . = 3 K 50 h
7 × 2 h = 14 h
3 K 50 h — 14 h = 3 K 36 h.

30. 1 *m* velja 20, 25, 50 h; koliko velja 18 *m*?

31. 1 *l* kisa (jesiha) velja 21 h; koliko velja 9 *l*?

21 h = $^1/_5$ K + 1 h.

32. 1 *kg* kaše (pšena) velja 49 h; koliko velja 6 *kg*?

33. 1 nožek (peresnik) velja 97 h; koliko jih velja 7?

97 h = 1 K — 3 h.

34. Koliko velja 8 *m* po 25, 27, 53, 98 h?

b.

35. 5 ducatov ovratnikov velja 20 K; koliko jih velja 1 ducat?

1 ducat je 5ti del od 5 ducatov, 1 ducat velja torej le 5ti del od 20 K, t. j. 4 K.

36. 7 *m* suknà velja 56 K; koliko velja 1 *m*?

37. 8 *l* mleka velja 96 h; koliko velja 1 *l*?

38. 8 ducatov robcev velja 56 K; koliko jih velja 1 ducat?

39. 6 kosov pečatnega voska velja 84 h; koliko velja 1 kos?

40. Nekdo kupi za 8 K 32 *l* ovočnega (sadnega) vina; koliko za 1 K?

41. Za 5 K se dobi 40 *kg* mavca; koliko za 1 K?

42. 3 pari otročjih črevljev veljajo 9 K 72 h; koliko velja 1 par?

43. 8 *m* suknà velja 40 K 48 h; koliko velja 1 *m*?

44. 9 *hl* ovsa velja 81 K 36 h; koliko velja 1 *hl*?

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45. 1 *m* trakú velja 1 desetvinarski novec; koliko velja 1 *dm*?
$^1/_{10}$ od 1 desetvinarskega novca = 1 h.

46. Koliko vinarjev velja 1 *dm*, ako velja 1 *m* 2, 8, 18, 26, 40 desetvinarskih novcev?

47. 1 *kg* smôkev velja 1 K; koliko jih velja 1 *dkg*?

48. Koliko vinarjev velja 1 *dkg* voska, ako velja 1 *kg* 4 K?

49. Koliko vinarjev velja 1 *kg*, ako velja 1 *q* 7, 9, 28, 40 K?

50. Koliko vinarjev velja 1 *l*, ako velja 1 *hl* 18, 24, 68, 32 K?

c.

51. 4 *kg* rozin veljajo 5 K; koliko velja 12 *kg*?
12 *kg* je 3krat 4 *kg*, 12 *kg* velja torej 3krat 5 K, t. j. 15 K.

52. Za 2 učenca se plača 9 K šolnine; koliko za 14 otrok?

53. 6 *l* vina velja 4 K; koliko velja 24 *l*?

54. 8 gob „ 6 K; „ „ 40 gob?

55. 7 *kg* riža „ 4 K; „ „ 63 *kg*?

56. 2 *hl* ječmena veljata 21 K; „ „ 8 *hl*?

57. 25 *dkg* čaja velja 4 K; „ „ 1 *kg*?

58. 20 *l* vina „ 12 K; „ „ 1 *hl*?

59. 2 legi papirja veljate 18 h; „ „ 1 bukve?

60. 8 *m* svilnatega trakú velja 12 K 16 h; koliko velja 16, 24, 40 *m*?

d.

61. 15 *l* vina velja 9 K; koliko velja 5 *l*?

5 *l* je 3tji del od 15 *l*, 5 *l* velja torej tudi le 3tji del od 9 K, t. j. 3 K.

62. 16 *kg* skroba (štérke) velja 12 K; koliko veljajo 4 *kg*?

63. 20 *m* svilenine „ 85 K; „ veljajo 4 *m*?

64. 32 *dkg* žafrana „ 28 K; „ velja 8 *dkg*?

65. 48 *l* piva „ 18 K; „ „ 8 *l*?

66. 100 *kg* zdroba velja 34 K 60 h; koliko velja 50 *kg*?

67. 1 *hl* jesiha velja 20 K 75 h; koliko velja 20 *l*?

68. 1 *hl* leče velja 28 K 80 h; koliko velja 50, 25 *l*?

69. 1 *kg* vanilje velja 70 K 65 h; koliko velja 20 *dkg*?

70. 40 *kg* repnega olja velja 56 K; koliko velja 20, 10, 5 *kg*?

e.

71. 4 *hl* ovsa veljajo 36 K; koliko velja 7 *hl*?

4 *hl* veljajo 36 K

1 „ velja $^1/_4$ od 36 K = 9 K

7 „ „ 7 × 9 K = 63 K.

72. 5 *l* mleka velja 90 h; koliko velja 1 *l*; koliko veljajo 3 *l*?

73. 7 *m* žameta velja 91 K; koliko velja 5 *m*?

74. 8 *m* žičaste vrví „ 24 K; „ veljajo 3 *m*?

75. 4 *hl* turščice „ 44 K; „ velja 9 *hl*?

76. 5 ducatov peresnikov „ 30 K; „ „ 8 ducatov?

77. 3 *kg* strdí velja 3 K 75 h; koliko veljata 2, 4 *kg*?

78. 3 otroške obleke veljajo 48 K 24 h; koliko velja 2, 5, 4, 6 oblek?

79. 4 *kg* mavca velja 60 h; koliko velja 1 *q*?

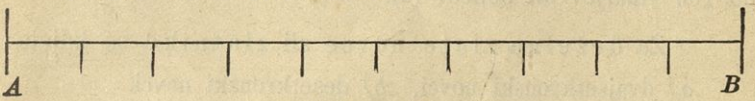
80. 1 *q* loja velja 95 K; koliko veljajo 3 *kg*?

81. 3 *l* kisa (jesiha) veljajo 72 h; koliko veljajo 4 *hl*?

Mére, utéži in denarji (novci).

Dolgostne mere.

1 meter (*m*) = 10 decimetrov (*dm*) = 100 centimetrov (*cm*).
1 decimeter = 10 centimetrov.



AB = 1 *dm*, *AC* = 1 *cm*.

Votle mere.

1 hektoliter (*hl*) = 100 litrov (*l*).
1 liter = 10 decilitrov (*dl*).

Časovne mere.

1 leto = 12 mesecev; 1 teden = 7 dni.
1 dan = 24 ur; 1 ura = 60 minut.

Mere za štetje.

1 kopa = 60 snopov; 1 ducat = 12 kosov.
1 rizma papirja = 10 knjig; 1 knjiga = 10 lég; 1 lega = 10 pôl.

Utéži.

1 cent (*q*) = 100 kilogramov (*kg*).
1 kilogram = 100 dekagramov (*dkg*).
1 dekagram = 10 gramov (*g*).

Novci (denarji).

1. Pred létom 1858. se je računilo v Avstriji na goldinarje tako zvanega dogovornega (konvencijskega) denarja, tako da je po dvajset goldinarjev imelo v sebi 233·87 *g* čistega srebra; 1 goldinar srebra („C. M.“) je imel 60 kr. po 4 (stare) vinarje, 100 goldinarjev C. M. je veljalo toliko, kakor 105 goldinarjev av. v. ali 210 K.

2. Od 1. novembra 1858. l. se je računilo na goldinarje avstrijske vrednosti, ter iz 500 *g* čistega srebra kovalo po 45 goldinarjev. Goldinar je imel 100 krajcarjev (kr.).

3. Po zákonu (postavi) z dne 2. avgusta 1892. l. je obveljala kronska vrednota, ki je od dne 1. januarju 1900. l. edina zakonita deželna vrednota. Njena računska enota je krona (K) po 100 vinarjev ali beličev (h).

Za deželne zlate novce ali zlatnike se kujejo:

a) dvajsetkronski novci, *b)* desetkronski novci.

Oboji zlatniki imajo v sebi po $^9/_{10}$ čistega zlata; iz 1 *kg* (novčnega) zlata kujejo po 164 dvajsetkronskih ali 328 desetkronskih novcev.

Za srebrne novce:

a) petkronski novci, *b)* enokronski novci (krone).

Za nikljeve novce:

a) dvajsetvinarski novci, *b)* desetvinarski novci.

Bronasti novci:

a) dvovinarski novci, *b)* enovinarski novci.

Izmed novcev avstrijske vrednote ostanejo, dokler se ne ukrene drugače, srebrni goldinarji v obteku; 1 gl. = 2 K.

Sedaj, ko so se iz obteka potegnile vse državne note in bankovci po 10 gl., 100 gl. in 1000 gl., ostane v obteku naslednji papirnati denar, i. t. nove note avstr. ogr. banke po 10 K, 20 K, 50 K, 100 K in 1000 K.

Razen téh se kujejo kot trgovinski novci:

a) Avstrijski cekini = 11 K 29 h, ki imajo v sebi čistega zlata po $986^1/_9$ tisočín. Na 1 *kg* novčnega zlata jih gre po 290·492.

b) Levantinski t. j. jutrovski ali Marije Terezije tolarji, ki kažejo podobo cesarice Marije Terezije in letno številko 1780, ter nimajo določene vrednosti.