

S 10058

Računica

za osnovnošolski pouk

I. del

Cena Din 8.—

V Ljubljani 1932

V Banovinski zalogi šolskih knjig in učil

RAČUNICA

za osnovnošolski pouk

71.7

Nižja stopnja

Oddelek A. Števila 1 do 10, do 20.

Sestavil

A. ČRNIVEC

Cena Din 8.-

V Ljubljani

V Banovinski zalogi šolskih knjig in učil

1932

K 108/IX.

RAČUNIČA

za osnovnošolski šolski letnik

Knjige, izdane v Banovinski zalogi šolskih knjig in učil v Ljubljani, se ne smejo prodajati za višjo nego na čelni strani označeno ceno.

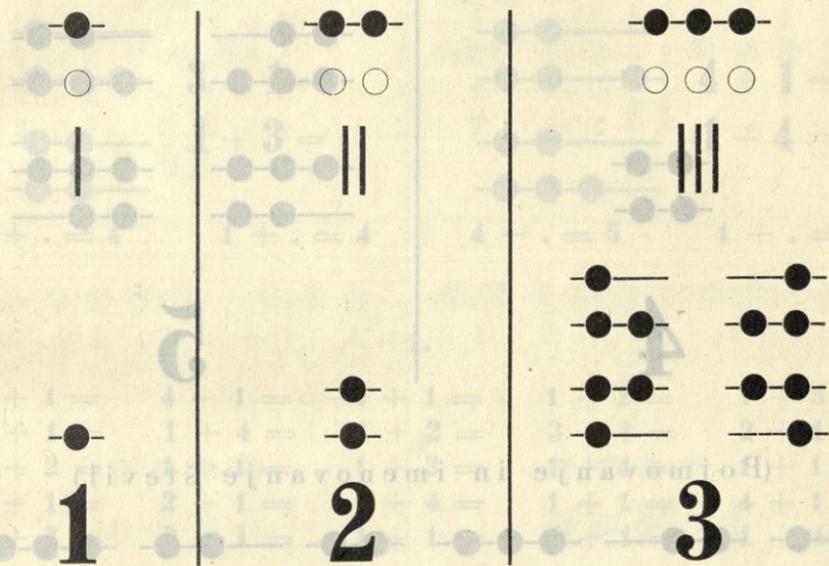
Pridržujejo se vse pravice.



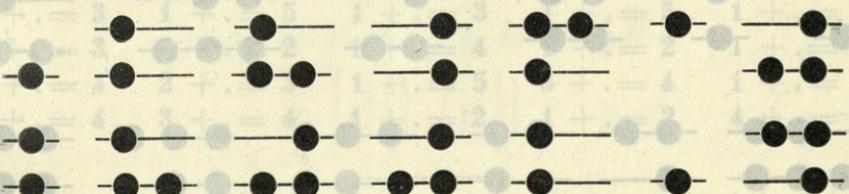
910058

Števila do pet.

(Ponazorovanje, štetje, obrazci, številke)*



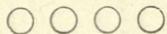
(Pojmovanje in imenovanje števil.)



(Obrazovanje števil v zvezi s štetjem.)

1 2 3 2 1 3 2 3 1 . . .

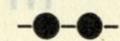
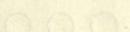
*) Ponazorovanje in štetje v prvi vrsti na realnih predmetih — vežbe tudi na preprostih grafiskih navorilih in najenostavnnejših slikah.



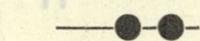
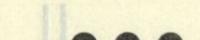
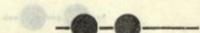
Števils ob pet.



* (Počasnotovanašje, petje, opisave, števili, Števils ob pet.)

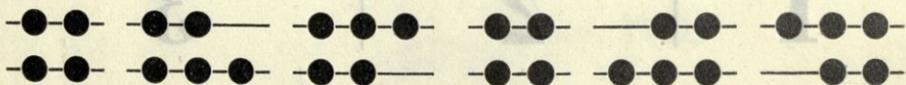


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5

(Pojmovanje in imenovanje števil.)



(Divejš oinsvonsni in ojnavomij)

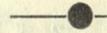


(Oplazovaže jevali v zvezci s štetjem.)

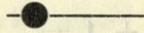
(Obrazovanje števil v zvezci s štetjem.)

1 2 4 3 5 4 5 3 2 1 3 . . .

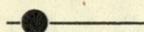
(Prištevanje in dopolnjevanje.)



$$1 + 1 =$$



$$2 + 1 =$$



$$1 + 2 =$$



$$1 + . = 2$$

$$2 + . = 3$$

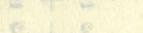
$$1 + . = 3$$



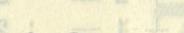
$$3 + 1 =$$



$$4 + 1 =$$



$$1 + 3 =$$



$$1 + 4 =$$



$$3 + . = 4$$

$$1 + . = 4$$

$$4 + . = 5$$

$$1 + . = 5$$

1.

$$1 + 1 =$$

$$4 + 1 =$$

$$4 + 1 =$$

$$1 + 2 =$$

$$1 + 3 =$$

$$2 + 1 =$$

$$1 + 4 =$$

$$1 + 2 =$$

$$3 + 1 =$$

$$2 + 1 =$$

$$1 + 2 =$$

$$1 + 1 =$$

$$1 + 3 =$$

$$1 + 4 =$$

$$1 + 1 =$$

$$3 + 1 =$$

$$2 + 1 =$$

$$1 + 4 =$$

$$1 + 1 =$$

$$4 + 1 =$$

$$1 + 3 =$$

$$3 + 1 =$$

$$1 + 1 =$$

$$2 + 1 =$$

$$1 + 4 =$$

2.

$$1 + . = 2$$

$$4 + . = 5$$

$$4 + . = 5$$

$$2 + . = 3$$

$$2 + . = 3$$

$$2 + . = 3$$

$$1 + . = 5$$

$$1 + . = 3$$

$$1 + . = 5$$

$$1 + . = 4$$

$$1 + . = 3$$

$$1 + . = 2$$

$$1 + . = 4$$

$$1 + . = 2$$

$$1 + . = 2$$

$$3 + . = 4$$

$$2 + . = 3$$

$$1 + . = 5$$

$$3 + . = 4$$

$$1 + . = 5$$

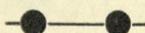
$$1 + . = 4$$

$$3 + . = 4$$

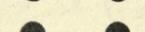
$$1 + . = 2$$

$$1 + . = 2$$

$$4 + . = 5$$



$$3 + 2 =$$



$$2 + 2 =$$



$$2 + 3 =$$



$$2 + . = 4$$

$$3 + . = 5$$

$$2 + . = 5$$

1.

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

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

$$\begin{array}{r} 3 + 1 = \\ 1 + 3 = \end{array}$$

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

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

$$= 2 + 1$$

2.

$$\begin{array}{r} 2 + 2 = \\ 3 + 2 = \\ 2 + 3 = \\ 3 + 1 = \\ 1 + 4 = \end{array}$$

$$\begin{array}{r} 1 + 1 = \\ 2 + 3 = \\ 2 + 1 = \\ 1 + 2 = \\ 3 + 1 = \end{array}$$

$$\begin{array}{r} 4 + 1 = \\ 1 + 2 = \\ 3 + 2 = \\ 2 + 3 = \\ 2 + 2 = \end{array}$$

$$\begin{array}{r} 3 + 2 = \\ 2 + 2 = \\ 1 + 2 = \\ 2 + 3 = \\ 1 + 3 = \end{array}$$

$$\begin{array}{r} 4 + 1 = \\ 1 + 3 = \\ 3 + 2 = \\ 2 + 2 = \\ 3 + 2 = \end{array}$$

3.

$$\begin{array}{r} 1 + . = 2 \\ 2 + . = 4 \end{array}$$

$$\begin{array}{r} 2 + . = 3 \\ 1 + . = 3 \end{array}$$

$$\begin{array}{r} 3 + . = 4 \\ 1 + . = 4 \end{array}$$

$$\begin{array}{r} 4 + . = 5 \\ 1 + . = 5 \end{array}$$

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

4.

$$\begin{array}{r} 2 + . = 4 \\ 3 + . = 5 \\ 2 + . = 5 \\ 1 + . = 2 \\ 2 + . = 3 \end{array}$$

$$\begin{array}{r} 3 + . = 5 \\ 2 + . = 4 \\ 2 + . = 5 \\ 1 + . = 3 \\ 2 + . = 4 \end{array}$$

$$\begin{array}{r} 1 + . = 2 \\ 2 + . = 3 \\ 3 + . = 5 \\ 1 + . = 3 \\ 2 + . = 5 \end{array}$$

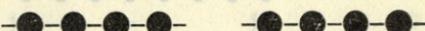
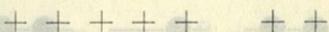
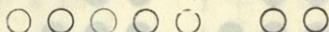
$$\begin{array}{r} 3 + . = 4 \\ 1 + . = 3 \\ 2 + . = 5 \\ 2 + . = 4 \\ 1 + . = 4 \end{array}$$

$$\begin{array}{r} 3 + . = 4 \\ 2 + . = 5 \\ 1 + . = 2 \\ 2 + . = 4 \\ 3 + . = 5 \end{array}$$

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

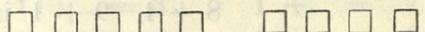
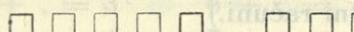
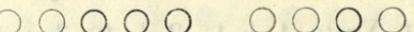
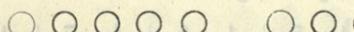
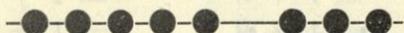
Števila do deset.

(Ponazorovanje, štetje, obrazci, številke.)



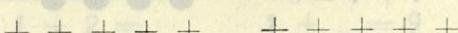
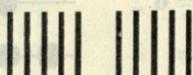
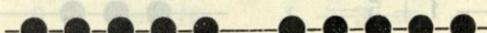
6

7



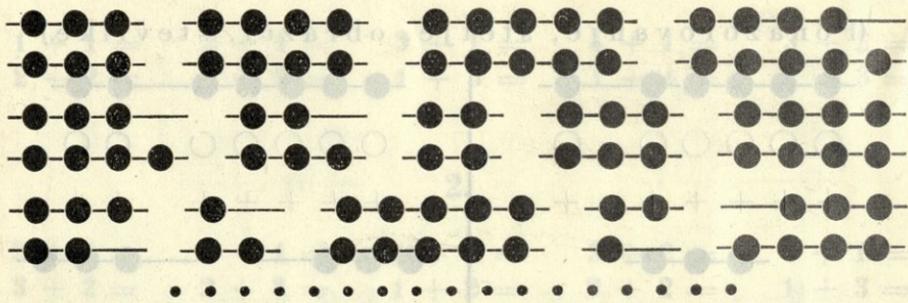
8

9



10

(Pojmovanje in imenovanje števil.)



(Obrazovanje števil v zvezi s štetjem.)

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

Prištevanje in dopolnjevanje.

(1. Vrsta $1 + 1$, $2 + 1$, $3 + 1$, $4 + 1$, $5 + 1$, $6 + 1$, $7 + 1$,
 $8 + 1$, $9 + 1$ in obratni računi.)

$1 + 1 =$	$1 + \cdot = 2$	$1 + 1 =$	$1 + \cdot = 2$
$2 + 1 =$	$2 + \cdot = 3$	$1 + 2 =$	$1 + \cdot = 3$
$3 + 1 =$	$3 + \cdot = 4$	$1 + 3 =$	$1 + \cdot = 4$
$4 + 1 =$	$4 + \cdot = 5$	$1 + 4 =$	$1 + \cdot = 5$

	$5 + 1 =$		$6 + 1 =$
	$5 + \cdot = 6$		$6 + \cdot = 7$
	$1 + 5 =$		$1 + 6 =$
	$1 + \cdot = 6$		$1 + \cdot = 7$
	$7 + 1 =$		$8 + 1 =$
	$7 + \cdot = 8$		$8 + \cdot = 9$
	$1 + 7 =$		$1 + 8 =$
	$1 + \cdot = 8$		$1 + \cdot = 9$
		$9 + 1 =$	
		$9 + \cdot = 10$	
		$1 + 9 =$	
		$1 + \cdot = 10$	

1.

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

2.

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

3.

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

4.

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

$1 + 1 + 1 =$

$2 + 1 =$

$1 + 2 + 1 =$

$3 + 1 =$

$1 + 3 + 1 =$

$4 + 1 =$

$1 + 4 + 1 =$

$5 + 1 =$

$1 + 5 + 1 =$

$6 + 1 =$

$1 + 6 + 1 =$

$7 + 1 =$

$1 + 7 + 1 =$

$8 + 1 =$

$1 + 8 + 1 =$

$9 + 1 =$

(2. Vrsta $1 + 2, 2 + 2, 3 + 2, 4 + 2, 5 + 2, 6 + 2, 7 + 2,$
 $8 + 2$ in obratni računi.)

$1 + 2 =$

$2 + 2 =$

$3 + 2 =$

$1 + . = 3$

$2 + . = 4$

$2 + . = 5$

$2 + 1 =$

$2 + 2 =$

$2 + 3 =$

$2 + . = 3$

$2 + . = 4$

$2 + . = 5$


 $4 + 2 =$


 $4 + . = 6$


 $2 + 4 =$


 $2 + . = 6$


 $6 + 2 =$

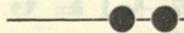

 $6 + . = 8$


 $2 + 6 =$


 $2 + . = 8$


 $5 + 2 =$

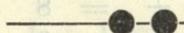

 $5 + . = 7$


 $2 + 5 =$

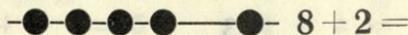

 $2 + . = 7$

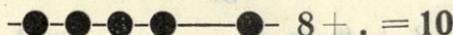

 $7 + 2 =$


 $7 + . = 9$


 $2 + 7 =$


 $2 + . = 9$


 $8 + 2 =$


 $8 + . = 10$


 $2 + 8 =$


 $2 + . = 10$

1.

$1 + 2 =$

$1 + . = 3$

$2 + 1 =$

$2 + . = 3$

$3 + 2 =$

$3 + . = 5$

$2 + 3 =$

$2 + . = 5$

$4 + 2 =$

$4 + . = 6$

$2 + 4 =$

$2 + . = 6$

$5 + 2 =$

$5 + . = 7$

$2 + 5 =$

$2 + . = 7$

$6 + 2 =$

$6 + . = 8$

$2 + 6 =$

$2 + . = 8$

$7 + 2 =$

$7 + . = 9$

$2 + 7 =$

$2 + . = 9$

$8 + 2 =$

$8 + . = 10$

$2 + 8 =$

$2 + . = 10$

2.

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

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

3.

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

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

4.

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

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

5.

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

6.

$1 + 1 + . = 4$

$3 + 1 + . = 6$

$5 + 1 + . = 8$

$7 + 1 + . = 9$

$2 + 1 + 2 =$

$4 + 1 + 2 =$

$6 + 1 + 2 =$

$1 + 7 + 2 =$

$1 + 6 + . = 8$

$1 + 3 + . = 5$

$1 + 5 + . = 7$

$1 + 2 + . = 5$

$1 + 4 + 2 =$

$5 + 2 + 1 =$

$6 + 2 + 1 =$

$7 + 2 + 1 =$

(3. Vrsta $1 + 3, 2 + 3, 3 + 3, 4 + 3, 5 + 3, 6 + 3, 7 + 3$
in obratni računi.)

$1 + 3 =$

$2 + 3 =$

$1 + . = 4$

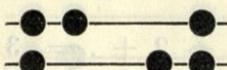
$2 + . = 5$

$3 + 1 =$

$2 + 2 =$

$3 + . = 4$

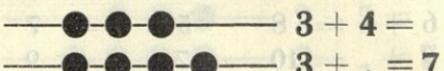
$3 + . = 5$



$3 + 3 =$



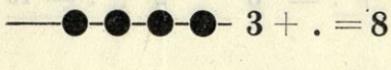
$3 + . = 6$



$5 + 3 =$



$5 + . = 8$



$3 + 5 =$



$3 + . = 8$



$7 + 3 =$

$7 + . = 10$

$3 + 7 =$

$3 + . = 10$

$1 + 3 =$

$1 + . = 4$

$3 + 1 =$

$3 + . = 4$

$2 + 3 =$

$2 + . = 5$

$3 + 2 =$

$3 + . = 5$

$4 + 3 =$

$4 + . =$

$3 + 4 =$

$3 + . = 7$

$5 + 3 =$

$5 + . = 8$

$3 + 5 =$

$3 + . = 8$

$6 + 3 =$

$6 + . = 9$

$3 + 6 =$

$3 + . = 9$

$7 + 3 =$

$7 + . = 10$

$3 + 7 =$

$3 + . = 10$

2.

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

3.

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

4.

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

5.

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

6.

$1 + 2 + 3 =$

$3 + 2 + 3 =$

$5 + 1 + 3 =$

$1 + 1 + 3 =$

$2 + 4 + 3 =$

$2 + 1 + 4 =$

$1 + 5 + 3 =$

$5 + 2 + 3 =$

$2 + 1 + 6 =$

$1 + 3 + . = 7$

$2 + 3 + . = 7$

$2 + 1 + . = 6$

$4 + 3 + 3 =$

$2 + 5 + 3 =$

$2 + 3 + 3 =$

$3 + 3 + 3 =$

$1 + 2 + 4 =$

$1 + 4 + 3 =$

$1 + 6 + 3 =$

$1 + 2 + 7 =$

$1 + 2 + 5 =$

$4 + 3 + . = 8$

$2 + 5 + . = 10$

$3 + 2 + . = 6$

7.

$3 + 5 + . = 10$

$3 + 3 + . = 7$

$3 + 4 + . = 8$

$1 + 5 + . = 9$

$2 + 1 + . = 5$

$5 + 2 + . = 10$

$2 + 1 + 7 =$

$1 + 2 + 6 =$

$1 + 3 + 3 =$

$3 + 4 + 3 =$

$2 + 1 + 3 =$

$2 + 1 + 5 =$

$3 + 3 + . = 9$

$2 + 1 + . = 4$

$2 + 2 + . = 8$

$5 + 3 + . = 9$

$3 + 2 + . = 7$

$1 + 1 + . = 5$

$6 + 1 + 3 =$

$2 + 2 + 3 =$

$4 + 1 + 3 =$

$3 + 4 + . = 10$

$2 + 1 + . = 9$

$6 + 1 + . = 10$

(4. Vrsta $1 + 4$, $2 + 4$, $3 + 4$, $4 + 4$, $5 + 4$, $6 + 4$ in obratni računi.)

$1 + 4 =$

$1 + . = 5$

$4 + 1 =$

$4 + . = 5$

$2 + 4 =$

$2 + . = 6$

$4 + 2 =$

$4 + . = 6$

$3 + 4 =$

$3 + . = 7$

$4 + 3 =$

$4 + . = 7$



$4 + 4 =$



$5 + 4 =$



$4 + . = 8$



$4 + 5 =$

$4 + . = 9$

$\dots \bullet \bullet \bullet \bullet \bullet \bullet \bullet \dots 6 + 4 =$

$\dots \bullet \bullet \bullet \bullet \bullet \bullet \bullet \dots 6 + . = 10$

$\dots \bullet \bullet \bullet \bullet \bullet \bullet \bullet \dots 4 + 6 =$

$\dots \bullet \bullet \bullet \bullet \bullet \bullet \bullet \dots 4 + . = 10$

1.

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

$5 + 4 =$	$6 + 4 =$
$5 + . = 9$	$6 + . = 10$
$4 + 5 =$	$4 + 6 =$
$4 + . = 9$	$4 + . = 10$

2.

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

3.

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

4.

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

5.

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

6.

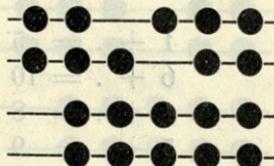
$1 + 3 + 4 =$	$1 + 3 + 3 =$	$2 + 1 + 4 =$	$1 + 3 + 6 =$
$5 + 1 + 4 =$	$4 + 2 + 3 =$	$2 + 2 + 6 =$	$2 + 2 + 2 =$
$1 + 1 + 4 =$	$5 + 2 + 3 =$	$2 + 4 + 4 =$	$2 + 1 + 4 =$
$3 + 1 + 4 =$	$4 + 2 + 4 =$	$2 + 2 + 3 =$	$1 + 4 + 4 =$
$2 + 2 + 4 =$	$3 + 4 + 3 =$	$3 + 2 + 4 =$	$4 + 3 + 2 =$
$1 + 5 + 4 =$	$4 + 3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

7.

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

(5. Vrsta $1 + 5$, $2 + 5$, $3 + 5$, $4 + 5$, $5 + 5$ in obratni računi.)

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


 $5 + 5 =$
 $4 + 5 =$
 $5 + . = 10$

1.

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

2.

$2 + 5 =$	$1 + 5 =$	$1 + 5 =$	$4 + 5 =$
$4 + 5 =$	$3 + 5 =$	$2 + 5 =$	$5 + 5 =$
	$5 + 5 =$	$3 + 5 =$	
$5 + 2 =$	$5 + 1 =$	$5 + 1 =$	$5 + 4 =$
$5 + 4 =$	$5 + 3 =$	$5 + 2 =$	$5 + 5 =$
	$5 + 5 =$	$5 + 3 =$	

3.

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

4.

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

5.

$1 + 3 + 2 =$	$2 + 3 + 2 =$	$3 + 3 + 2 =$	$4 + 3 + 2 =$
$1 + 5 =$	$2 + 5 =$	$3 + 5 =$	$4 + 5 =$
	$5 + 3 + 2 =$		
	$5 + 5 =$		

6.

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

7.

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

8.

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

9.

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

10. výukový den a příprava na soutěž o nejlepšího matematika

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

(Za ponavljanje do mehanske spretnosti med poznejšim poukom.)

1.

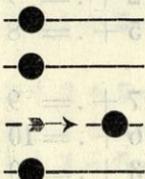
$2 + 3 =$	$1 + 1 =$	$2 + 1 =$	$1 + 4 =$	$2 + 4 =$
$5 + 2 =$	$8 + 2 =$	$1 + 8 =$	$3 + 5 =$	$3 + 1 =$
$7 + 1 =$	$6 + 1 =$	$9 + 1 =$	$8 + 1 =$	$6 + 3 =$
$4 + 4 =$	$4 + 6 =$	$4 + 3 =$	$3 + 3 =$	$4 + 5 =$
$5 + 1 =$	$7 + 3 =$	$6 + 4 =$	$1 + 9 =$	$1 + 3 =$
$2 + 2 =$	$4 + 2 =$	$1 + 2 =$	$5 + 3 =$	$2 + 5 =$
$3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

2.

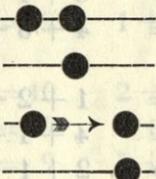
$1 + . = 6$	$5 + . = 8$	$5 + . = 10$	$2 + . = 3$	$7 + . = 8$
$3 + . = 9$	$3 + . = 6$	$7 + . = 9$	$1 + . = 9$	$3 + . = 10$
$6 + . = 8$	$1 + . = 10$	$4 + . = 7$	$4 + . = 5$	$1 + . = 7$
$5 + . = 9$	$8 + . = 9$	$2 + . = 9$	$9 + . = 10$	$2 + . = 5$
$4 + . = 5$	$1 + . = 5$	$6 + . = 10$	$2 + . = 4$	$2 + . =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

Odštevanje v zvezi s prištevanjem.

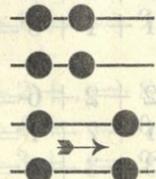
(Pojem „proč“ ali „manj“ in znamenje zanj.)



$$2 - 1$$



$$3 - 2$$



$$4 - 2$$



$$2 + 1$$



$$3 + 2$$



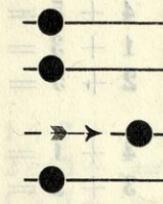
$$4 + 2$$



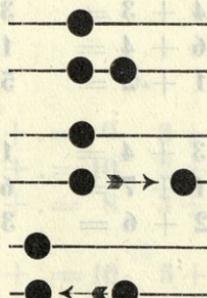
$$5 + 2$$

$$5 + 3$$

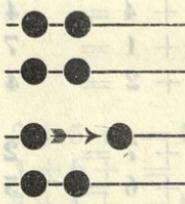
(1. Vrsta $2 - 1$, $3 - 1$, $3 - 2$, $4 - 1$, $4 - 2$, $4 - 3$.)



$$2 - 1 =$$



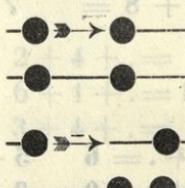
$$3 - 1 =$$



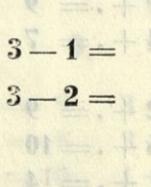
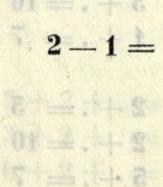
$$4 - 1 =$$



$$3 - 2 =$$



$$4 - 2 =$$



$$4 - 3 =$$

1.

$$\begin{array}{l} 4 - 1 = \\ 3 - 1 = \\ 2 - 1 = \end{array}$$

$$\begin{array}{l} 4 - 3 = \\ 4 - 2 = \\ 3 - 2 = \end{array}$$

$$\begin{array}{l} 4 - 1 = \\ 4 - 2 = \\ 4 - 3 = \end{array}$$

$$\begin{array}{l} 3 - 2 = \\ 3 - 1 = \\ 2 - 1 = \end{array}$$

2.

$1 + . = 2$

$2 - 1 =$

$1 + . = 3$

$3 - 1 =$

$2 + . = 3$

$3 - 2 =$

$1 + . = 4$

$4 - 1 =$

$2 + . = 4$

$4 - 2 =$

$3 + . = 4$

$4 - 3 =$

3.

$2 + 2 - 1 =$

$3 + 1 - 2 =$

$2 + 2 - 3 =$

$1 + 3 - 2 =$

$2 - 1 + 3 =$

$3 - 1 + 6 =$

$4 - 3 + 8 =$

$3 - 2 + 6 =$

$4 - 1 + 6 =$

$3 - 2 + 7 =$

$4 - 2 + 7 =$

$2 - 1 + 4 =$

$3 - 1 + 5 =$

$4 - 1 + 7 =$

$4 - 2 + 8 =$

$4 - 3 + 9 =$

(2. Vrsta $5 - 1, 5 - 2, 5 - 3, 5 - 4$; razlike $1 - 1, 2 - 2, 3 - 3, 4 - 4, 5 - 5$.)



$5 - 1 =$

$5 - 4 =$



$5 - 2 =$

$5 - 3 =$

1.

$5 - 1 =$

$4 - 1 =$

$3 - 1 =$

$2 - 1 =$

$1 - 1 =$

$5 - 2 =$

$4 - 2 =$

$3 - 2 =$

$2 - 2 =$

$5 - 3 =$

$4 - 3 =$

$3 - 3 =$

$5 - 4 =$

$4 - 4 =$

$5 - 5 =$

$5 - 1 =$

$5 - 2 =$

$5 - 3 =$

$5 - 4 =$

$5 - 5 =$

2.

$1 + . = 5$

$5 - 1 =$

$2 + . = 5$

$5 - 2 =$

$3 + . = 5$

$5 - 3 =$

$4 + . = 5$

$5 - 4 =$

$5 + . = 5$

$5 - 5 =$

Odvtevanje v zvezdah s pristevanjem.

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

4.

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

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

(3. Vrsta $6 - 1, 6 - 2, 6 - 3, 6 - 4, 6 - 5, 6 - 6.$)



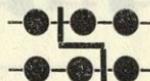
$$6 - 1 =$$

$$6 - 5 =$$



$$6 - 2 =$$

$$6 - 4 =$$



$$6 - 3 =$$

$$6 - 6 =$$

1.

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

2.

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

3.

$6 - 1 + 5 =$

$5 - 1 + 4 =$

$4 - 1 + 3 =$

$3 - 1 + 2 =$

$2 + 1 + 6 =$

$6 - 2 + 5 =$

$5 - 2 + 4 =$

$4 - 2 + 3 =$

$3 - 2 + 7 =$

$6 - 3 + 6 =$

$5 - 3 + 5 =$

$4 - 3 + 4 =$

$6 - 4 + 3 =$

$5 - 4 + 5 =$

$6 - 5 + 7 =$

$6 - 6 + 8 =$

4.

$4 + 2 - 5 =$

$2 + 4 - 6 =$

$5 + 1 - 3 =$

$1 + 5 - 4 =$

$3 + 3 - 4 =$

$3 + 2 - 3 =$

$5 + 1 - 4 =$

$1 + 5 - 2 =$

$2 + 4 - 5 =$

$3 + 3 - 6 =$

$4 + 2 - 1 =$

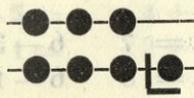
$5 + 1 - 2 =$

$3 + 3 - 2 =$

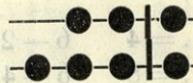
$2 + 4 - 3 =$

$1 + 5 - 6 =$

$4 + 2 - 6 =$

(4. Vrsta $7 - 1, 7 - 2, 7 - 3, 7 - 4, 7 - 5, 7 - 6, 7 - 7.$)

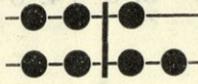
$7 - 1 =$



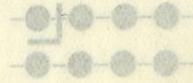
$7 - 2 =$

$7 - 6 =$

$7 - 5 =$



$7 - 3 =$



$7 - 4 =$

$7 - 7 =$



1.



$7 - 2 =$

$7 - 4 =$

$7 - 6 =$

$7 - 1 =$

$7 - 3 =$

$7 - 5 =$

$7 - 1 =$

$7 - 2 =$

$7 - 3 =$

$7 - 4 =$

$7 - 5 =$

$7 - 6 =$

$7 - 7 =$

$1 + . = 7$

$7 - 1 =$

$2 + . = 7$

$7 - 2 =$

$3 + . = 7$

$7 - 3 =$

$4 + . = 7$

$7 - 4 =$

$5 + . = 7$

$7 - 5 =$

$6 + . = 7$

$7 - 6 =$

$7 + . = 7$

$7 - 7 =$

$= 8 - 8$

$= 8 - 8$

2.

3.

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

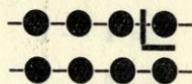
4.

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

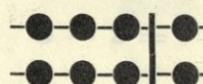
5.

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

(5. Vrstva $8 - 1, 8 - 2, 8 - 3, 8 - 4, 8 - 5, 8 - 6, 8 - 7, 8 - 8.$)



$$8 - 1 =$$



$$8 - 2 =$$



$$8 - 3 =$$



$$8 - 5 =$$

$$8 - 4 =$$

$$8 - 8 =$$

1.

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

$$1 + . = 8$$

$$8 - 1 =$$

$$2 + . = 8$$

$$8 - 2 =$$

$$3 + . = 8$$

$$8 - 3 =$$

$$4 + . = 8$$

$$8 - 4 =$$

2.

$$5 + . = 8$$

$$8 - 5 =$$

$$6 + . = 8$$

$$8 - 6 =$$

$$7 + . = 8$$

$$8 - 7 =$$

$$8 + . = 8$$

$$8 - 8 =$$

3.

$$8 - 1 + 3 =$$

$$8 - 2 + 4 =$$

$$8 - 4 + 2 =$$

$$8 - 6 + 5 =$$

$$8 - 3 + 2 =$$

$$8 - 5 + 6 =$$

$$8 - 7 + 5 =$$

$$8 - 4 + 3 =$$

$$8 - 1 + 2 =$$

$$8 - 4 + 5 =$$

$$8 - 5 + 4 =$$

$$8 - 6 + 3 =$$

$$8 - 2 + 3 =$$

$$8 - 7 + 6 =$$

$$8 - 3 + 5 =$$

$$8 - 5 + 6 =$$

4.

$$5 + 3 - 4 =$$

$$1 + 7 - 3 =$$

$$7 + 1 - 5 =$$

$$4 + 4 - 1 =$$

$$6 + 2 - 7 =$$

$$5 + 3 - 2 =$$

$$4 + 4 - 3 =$$

$$2 + 6 - 8 =$$

$$6 + 2 - 5 =$$

$$3 + 5 - 4 =$$

$$2 + 6 - 1 =$$

$$5 + 3 - 7 =$$

$$4 + 4 - 6 =$$

$$3 + 5 - 2 =$$

$$2 + 6 - 4 =$$

$$5 + 3 - 6 =$$

5.

$$8 - 1 + . = 9$$

$$8 - 5 + . = 6$$

$$8 - 2 + . = 10$$

$$8 - 3 + . = 7$$

$$8 - 7 + . = 6$$

$$8 - 6 + . = 5$$

$$8 - 4 + . = 9$$

$$8 - 8 + . = 5$$

$$8 - 5 + . = 9$$

$$8 - 4 + . = 6$$

$$8 - 7 + . = 5$$

$$8 - 6 + . = 7$$

6.

$$3 + 4 - 1 =$$

$$1 + 6 - 2 =$$

$$2 + 5 - 4 =$$

$$1 + 5 - 2 =$$

$$4 + 3 - 6 =$$

$$5 + 1 - 6 =$$

$$3 + 4 - 5 =$$

$$3 + 3 - 4 =$$

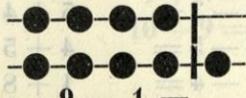
$$4 + 2 - 5 =$$

$$5 + 2 - 3 =$$

$$2 + 5 - 7 =$$

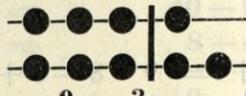
$$2 + 4 - 3 =$$

(6. Vrstva 9 - 1, 9 - 2, 9 - 3, 9 - 4, 9 - 5, 9 - 6, 9 - 7,
9 - 8, 9 - 9.)



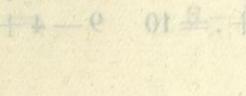
$$9 - 1 =$$

$$9 - 8 =$$

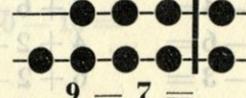


$$9 - 3 =$$

$$9 - 6 =$$

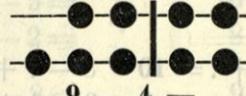


$$9 - 9 =$$



$$9 - 7 =$$

$$9 - 2 =$$



$$9 - 4 =$$

$$9 - 5 =$$

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

(7. Vrsta $10 - 1$, $10 - 2$, $10 - 3$, $10 - 4$, $10 - 5$, $10 - 6$, $10 - 7$,
 $10 - 8$, $10 - 9$, $10 - 10$.)



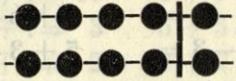
$$10 - 1 =$$

$$10 - 9 =$$



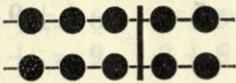
$$10 - 3 =$$

$$10 - 7 =$$



$$10 - 2 =$$

$$10 - 8 =$$



$$10 - 4 =$$

$$10 - 6 =$$



$$10 - 5 =$$

$$10 - 10 =$$

$$10 - 2 =$$

$$10 - 1 =$$

$$10 - 1 =$$

$$10 - 6 =$$

$$10 - 4 =$$

$$10 - 3 =$$

$$10 - 2 =$$

$$10 - 7 =$$

$$10 - 6 =$$

$$10 - 5 =$$

$$10 - 3 =$$

$$10 - 8 =$$

$$10 - 8 =$$

$$10 - 7 =$$

$$10 - 4 =$$

$$10 - 9 =$$

$$10 - 10 =$$

$$10 - 9 =$$

$$10 - 5 =$$

$$10 - 10 =$$

1.

2.

$$1 + . = 10$$

$$3 + . = 10$$

$$5 + . = 10$$

$$7 + . = 10$$

$$10 - 1 =$$

$$10 - 3 =$$

$$10 - 5 =$$

$$10 - 7 =$$

$$2 + . = 10$$

$$4 + . = 10$$

$$6 + . = 10$$

$$8 + . = 10$$

$$10 - 2 =$$

$$10 - 4 =$$

$$10 - 6 =$$

$$10 - 8 =$$

$$9 + . = 10$$

$$10 - 9 =$$

$$10 + . = 10$$

$$10 - 10 =$$

3.

$$10 - 2 =$$

$$9 - 1 =$$

$$10 - 3 =$$

$$9 - 6 =$$

$$8 - 3 =$$

$$10 - 6 =$$

$$10 - 5 =$$

$$10 - 4 =$$

$$9 - 8 =$$

$$8 - 4 =$$

$$9 - 2 =$$

$$8 - 1 =$$

$$8 - 2 =$$

$$9 - 5 =$$

$$10 - 8 =$$

$$9 - 7 =$$

$$10 - 9 =$$

$$10 - 7 =$$

$$9 - 4 =$$

$$8 - 7 =$$

$$9 - 3 =$$

$$8 - 5 =$$

$$8 - 6 =$$

$$10 - 1 =$$

$$\begin{array}{r} 9+1-4= \\ 4+5-1= \\ 7+1-3= \end{array} \quad \begin{array}{r} 6+4-5= \\ 3+6-8= \\ 5+3-2= \end{array}$$

$$\begin{array}{r} 8+1-3= \\ 3+7-8= \\ 1+7-5= \end{array} \quad \begin{array}{r} 2+6-5= \\ 1+8-7= \\ 1+9-2= \end{array}$$

4.

$$\begin{array}{r} 7+2-4= \\ 3+5-6= \\ 8+2-3= \end{array} \quad \begin{array}{r} 6+3-5= \\ 4+4-7= \\ 7+3-1= \end{array}$$

5.

$$\begin{array}{r} 10 - 3 + 2 = \\ 9 - 7 + 6 = \\ 8 - 4 + 5 = \end{array}$$

$$\begin{array}{r} 9 - 6 + 5 = \\ 10 - 5 + 4 = \\ 8 - 2 + 3 = \end{array}$$

$$\begin{array}{r} 9 - 1 + 2 = \\ 10 - 2 + 1 = \\ 8 - 7 + 6 = \end{array}$$

$$\begin{array}{r} 9 - 8 + 7 = \\ 8 - 3 + 4 = \\ 10 - 7 + 6 = \end{array}$$

$$\begin{array}{r} 10 - 6 + 5 = \\ 9 - 2 + 3 = \\ 8 - 6 + 4 = \end{array}$$

$$\begin{array}{r} 10 - 8 + 7 = \\ 9 - 5 + 3 = \\ 10 - 1 + 1 = \end{array}$$

$$\begin{array}{r} 10 - 9 + 7 = \\ 9 - 3 + 2 = \\ 8 - 1 + 2 = \end{array}$$

$$\begin{array}{r} 8 - 5 + 6 = \\ 10 - 4 + 3 = \\ 9 - 4 + 5 = \end{array}$$

6.

$$\begin{array}{rcl} 10 - 2 + . & = & 9 \\ 9 - 1 + . & = & 10 \\ 8 - 3 + . & = & 10 \end{array}$$

$$\begin{array}{rcl} 10 - 3 + . & = & 9 \\ 8 - 6 + . & = & 10 \\ 9 - 3 + . & = & 8 \end{array}$$

$$\begin{array}{rcl} 10 - 4 + . & = & 9 \\ 9 - 8 + . & = & 8 \\ 8 - 1 + . & = & 10 \end{array}$$

$$\begin{array}{r} 10 - 1 + . = 10 \\ 9 - 6 + . = 8 \\ 8 - 4 + . = 10 \end{array}$$

$$\begin{array}{r} 9 - 7 + . = 8 \\ 10 - 5 + . = 9 \\ 8 - 7 + . = 10 \end{array}$$

$$\begin{array}{r} 10 - 6 + . = \\ 9 - 3 + . = \\ 8 - 5 + . = 10 \end{array}$$

$$10 - 8 + . = 9$$

$$\begin{array}{rcl} 10 - 9 + . & = & 9 \\ 10 - 7 + . & = & 8 \\ 10 - 7 + . & = & 9 \end{array}$$

Ponavljanje.

1.

$1 + 1$	$1 + 2$	$1 + 3$	\dots
$2 + 1$	$2 + 2$	$2 + 3$	\dots
$3 + 1$	$3 + 2$	$3 + 3$	\dots
\vdots	\vdots	\vdots	\vdots
\dots	\dots	\dots	\dots
\dots	\dots	\dots	\dots
\dots	\dots	\dots	\dots
\dots	\dots	\dots	\dots

2.

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

3.

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

4.

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

5.

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

6.

$$\begin{array}{llll} 7 - 5 + . = 9 & 6 - 2 + . = 9 & 6 - 3 + . = 7 & 4 + 5 - 2 = \\ 10 - 4 + . = 8 & 3 - 2 + . = 8 & 5 - 4 + . = 4 & 4 + 4 - 7 = \\ 9 - 4 + . = 8 & 8 - 7 + . = 7 & 4 - 2 + . = 7 & 1 + 7 - 5 = \\ 6 - 5 + . = 10 & 5 - 3 + . = 8 & 5 - 5 + . = 7 & 7 + 3 - 2 = \end{array}$$

$$\begin{array}{llll} 7 - 4 + . = 9 & 10 - 10 + . = 7 & 8 - 3 + . = 9 & 9 + 1 - 4 = \\ 6 - 6 + . = 4 & 9 - 8 + . = 6 & 8 - 6 + . = 5 & 4 + 5 - 9 = \\ 8 - 5 + . = 10 & 8 - 2 + . = 9 & 4 - 1 + . = 8 & 2 + 7 - 6 = \end{array}$$

7.

$$\begin{array}{llll} 1 + 9 - 8 = & 6 + 4 - 6 = & 4 + 6 - 7 = & 1 + 9 - 7 = \\ 6 + 3 - 7 = & 2 + 7 - 7 = & 3 + 4 - 7 = & 3 + 7 - 4 = \\ 8 + 1 - 3 = & 1 + 8 - 7 = & 2 + 7 - 5 = & 2 + 8 - 6 = \\ 2 + 6 - 4 = & 4 + 6 - 5 = & 9 + 1 - 6 = & 9 - 3 + 2 = \\ \hline 5 + 5 - 6 = & 7 + 3 - 4 = & 3 + 6 - 8 = & 3 + 7 - 9 = \\ 6 + 4 - 8 = & 5 + 1 - 4 = & 1 + 9 - 2 = & 3 + 4 - 6 = \\ 3 + 3 - 6 = & 5 + 4 - 8 = & 4 + 4 - 8 = & 4 + 6 - 7 = \end{array}$$

(Za ponavljanje do mehanske spretnosti med poznejšim poukom.)

$$\begin{array}{lllll} 10 - 5 = & 8 - 7 = & 6 - 6 = & 3 - 1 = & 4 - 4 = \\ 3 - 3 = & 10 - 2 = & 10 - 8 = & 10 - 7 = & 9 - 2 = \\ 9 - 7 = & 7 - 7 = & 4 - 2 = & 2 - 1 = & 10 - 3 = \\ 10 - 9 = & 9 - 6 = & 7 - 3 = & 6 - 4 = & 8 - 6 = \end{array}$$

$$\begin{array}{lllll} 8 - 3 = & 1 - 1 = & 9 - 9 = & 5 - 1 = & 6 - 1 = \\ 6 - 5 = & 7 - 9 = & 3 - 2 = & 8 - 4 = & 5 - 3 = \\ 7 - 2 = & 10 - 6 = & 7 - 1 = & 10 - 1 = & 7 - 6 = \\ 9 - 3 = & 8 - 5 = & 10 - 4 = & 6 - 3 = & 8 - 1 = \end{array}$$

$$\begin{array}{lllll} 5 - 2 = & 6 - 2 = & 7 - 5 = & 9 - 8 = & 9 - 4 = \\ 8 - 8 = & 10 - 10 = & 4 - 1 = & 8 - 2 = & 4 - 3 = \\ 9 - 1 = & 5 - 4 = & 9 - 6 = & 5 - 5 = & 2 - 3 = \end{array}$$

Števila do dvajset.

(Nazorna tvoritev, štetje naprej in nazaj,
pisanje in čitanje.)



10

$$10 + 1 = 10 + . = 11$$



11



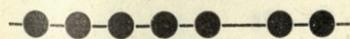
12

$$10 + 2 = 10 + . = 12$$



13

$$10 + 3 = 10 + . = 13$$



14

$$10 + 4 = 10 + . = 14$$



15

$$10 + 5 = 10 + . = 15$$



16

$$10 + 6 = 10 + . = 16$$



17

$$10 + 7 = 10 + . = 17$$



18

$$10 + 8 = 10 + . = 18$$



19

$$10 + 9 = 10 + . = 19$$



$$10 + 10 = 10 + . = 20$$

$$10 + 1 = 11$$

$$11 + 1 = 12$$

$$12 + 1 = 13$$

$$1 \text{ d.} = 10 \text{ e.}$$

$$1 \text{ d. } 1 \text{ e.} = 11 \text{ e.}$$

$$1 \text{ d. } 2 \text{ e.} = 12 \text{ e.}$$

$$10 = 1 \text{ d.}$$

$$11 = 1 \text{ d. } 1 \text{ e.}$$

$$12 = 1 \text{ d. } 2 \text{ e.}$$

$$19 + 1 = 20$$

$$1 \text{ d. } 9 \text{ e.} = 19 \text{ e.}$$

$$20 = 2 \text{ d.}$$

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

(Prištevanje številu 10.)

1.

$$10 + 5 =$$

$$10 + 2 =$$

$$10 + 9 =$$

$$10 + 3 =$$

$$10 + 6 =$$

$$10 + 10 =$$

$$10 + 1 =$$

$$10 + 9 =$$

$$10 + 7 =$$

$$10 + 10 =$$

$$10 + 8 =$$

$$10 + 4 =$$

2.

$$9 + 1 + 4 =$$

$$8 + 2 + 5 =$$

$$7 + 3 + 1 =$$

$$6 + 4 + 2 =$$

$$5 + 5 + 5 =$$

$$4 + 6 + 8 =$$

$$3 + 7 + 7 =$$

$$2 + 8 + 9 =$$

$$1 + 9 + 10 =$$

$$5 + 5 + 3 =$$

$$2 + 8 + 4 =$$

$$4 + 6 + 9 =$$

$$6 + 4 + 8 =$$

$$7 + 3 + 6 =$$

$$3 + 7 + 2 =$$

$$9 + 1 + 3 =$$

$$8 + 2 + 7 =$$

$$5 + 5 + 1 =$$

$$1 + 9 + 5 =$$

$$5 + 5 + 10 =$$

(Dopolnjevanje številu 10.)

1.

$$10 + . = 12$$

$$10 + . = 15$$

$$10 + . = 20$$

$$10 + . = 11$$

$$10 + . = 17$$

$$10 + . = 13$$

$$10 + . = 20$$

$$10 + . = 14$$

$$10 + . = 19$$

$$10 + . = 18$$

$$10 + . = 14$$

$$10 + . = 20$$

2.

$$5 + 5 + . = 19$$

$$7 + 3 + . = 17$$

$$9 + 1 + . = 20$$

$$8 + 2 + . = 16$$

$$1 + 9 + . = 10$$

$$9 + 1 + . = 15$$

$$4 + 6 + . = 13$$

$$2 + 8 + . = 20$$

$$3 + 7 + . = 18$$

$$8 + 2 + . = 12$$

$$3 + 7 + . = 14$$

$$4 + 6 + . = 17$$

$$5 + 5 + . = 14$$

$$7 + 3 + . = 11$$

$$6 + 4 + . = 16$$

$$7 + 3 + . = 12$$

$$3 + 7 + . = 19$$

$$5 + 5 + . = 13$$

$$1 + 9 + . = 15$$

$$8 + 2 + . = 13$$

(Odštevanje do števila 10 v zvezis prištevanjem in dopolnjevanjem.)



1.

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

2.

$14 - 4 + 1 =$	$17 - 7 + 8 =$	$13 - 3 + . = 11$	$18 - 8 + . = 14$
$19 - 9 + 10 =$	$13 - 3 + 5 =$	$15 - 5 + . = 18$	$12 - 2 + . = 13$
$12 - 2 + 6 =$	$11 - 1 + 4 =$	$19 - 9 + . = 17$	$11 - 01 + . = 15$
$15 - 5 + 2 =$	$18 - 8 + 7 =$	$16 - 6 + . = 20$	$17 - 7 + . = 12$
$20 - 10 + 9 =$	$16 - 6 + 3 =$	$14 - 4 + . = 16$	$20 - 10 + . = 19$

(Prištevanje v obsegu 10 do 20.)

1.

$1 + 1 =$	$4 + 1 =$	$1 + 2 =$	$4 + 2 =$	$5 + 5 =$
$11 + 1 =$	$14 + 1 =$	$11 + 2 =$	$14 + 2 =$	$15 + 5 =$
$2 + 1 =$	$5 + 1 =$	$2 + 2 =$	$5 + 2 =$	$3 + 4 =$
$12 + 1 =$	$15 + 1 =$	$12 + 2 =$	$15 + 2 =$	$13 + 4 =$
$3 + 1 =$	$6 + 1 =$	$3 + 2 =$	$4 + 6 =$	$5 + 3 =$
$13 + 1 =$	$16 + 1 =$	$13 + 2 =$	$14 + 6 =$	$15 + 3 =$

2.

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

(Dopolnjevanje v obsegu od 10 do 20.)

1.

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

2.

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

(Odštevanje v obsegu od 10 do 20 v zvezi s prištevanjem in dopolnjevanjem.)

1.

$2 - 1 =$	$4 - 1 =$	$6 - 2 =$	$15 - 1 =$	$17 - 3 =$
$12 - 1 =$	$14 - 1 =$	$16 - 2 =$	$15 - 2 =$	$17 - 4 =$
$3 - 1 =$	$4 - 2 =$	$6 - 3 =$	$15 - 3 =$	$17 - 5 =$
$13 - 1 =$	$14 - 2 =$	$16 - 3 =$	$15 - 4 =$	$17 - 6 =$
$3 - 2 =$	$6 - 1 =$	$6 - 4 =$	$17 - 1 =$	$11 - 1 =$
$13 - 2 =$	$16 - 1 =$	$16 - 4 =$	$17 - 2 =$	$16 - 5 =$

2.

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

3.

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

1.

$20 - 3 + 2 =$	$19 - 3 + 4 =$	$20 - 2 - 8 =$	$20 - 9 + 3 =$
$20 - 5 + 3 =$	$19 - 8 + 7 =$	$15 + 2 - 6 =$	$16 + 2 - 8 =$
$20 - 7 + 6 =$	$19 - 6 + 4 =$	$20 - 4 + 3 =$	$19 - 2 - 7 =$
$20 - 9 + 4 =$	$18 - 3 + 1 =$	$14 + 3 - 7 =$	$18 - 4 + 2 =$
$19 - 2 + 3 =$	$18 - 5 + 4 =$	$20 - 6 + 5 =$	$16 + 3 - 9 =$

2.

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

3.

$20 - 3 - 7 =$	$19 - 7 + 3 =$	$20 - 2 + . = 19$	$19 - 5 + . = 20$
$20 - 5 + 4 =$	$19 - 8 + 5 =$	$20 - 3 + . = 18$	$19 - 7 + . = 18$
$20 - 7 + 4 =$	$18 - 3 + 4 =$	$20 - 6 + . = 16$	$18 - 2 + . = 20$
$20 - 8 + 7 =$	$18 - 6 + 8 =$	$20 - 8 + . = 13$	$18 - 5 + . = 15$
$19 - 5 + 4 =$	$18 - 7 + 4 =$	$19 - 3 + . = 17$	$18 - 7 + . = 19$

4.

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

5.

$$\begin{array}{llll} 15 - 4 + . = 13 & 20 - 6 + . = 18 & 18 - 7 + 6 = & 19 - 6 + 7 = \\ 16 - 4 + . = 18 & 15 - 4 + . = 16 & 19 - 5 + 3 = & 17 - 4 + 7 = \\ 16 - 2 + . = 15 & 19 - 4 + . = 18 & 20 - 1 - 7 = & 16 - 3 + 4 = \\ 17 - 6 + . = 15 & 20 - 7 + . = 14 & 19 - 7 + 2 = & 17 - 5 + 8 = \\ 20 - 4 + . = 17 & 17 - 3 + . = 18 & 18 - 4 + 5 = & 16 - 2 + 4 = \end{array}$$

(Prištevanje in dopolnjevanje čez 10 v zvezi s prištevanjem in odštevanjem do 10, 20.)

(1. Vrsta $9 + 2$, $9 + 3$, $9 + 4$, $9 + 5$, $9 + 6$, $9 + 7$, $9 + 8$, $9 + 9$
in obratni računi.)

$$\underline{\underline{9 + 2 =}}$$

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

$$\underline{\underline{2 + 9 =}}$$

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

$$\underline{\underline{9 + 2 =}}$$

$$\underline{\underline{2 + 9 =}}$$

$$\underline{\underline{9 + 1 = 10}}$$

$$\underline{\underline{2 + 8 = 10}}$$

$$\underline{\underline{10 + 1 = 11}}$$

$$\underline{\underline{10 + 1 = 11}}$$

$$\underline{\underline{9 + 2 = 11}}$$

$$\underline{\underline{2 + 9 = 11}}$$

1.

$$\begin{array}{lllll} 9 + 2 + 5 = & 9 + 2 - 1 = & 8 + 1 + 2 = & 1 + 8 + 3 = & 9 + 3 + 7 = \\ 2 + 9 + 7 = & 9 + 3 + 8 = & 3 + 6 + 3 = & 4 + 5 + 2 = & 2 + 9 - 1 = \\ 9 + 3 - 2 = & 2 + 9 + 4 = & 6 - 4 + 9 = & 9 - 7 + 9 = & 3 + 9 + 8 = \\ 3 + 9 + 6 = & 3 + 9 - 2 = & 8 - 5 + 9 = & 5 - 2 + 9 = & 9 + 2 + 3 = \end{array}$$

$$\underline{\underline{9 + . = 11}}$$

$$\underline{\underline{9 + . = 12}}$$

$$\underline{\underline{2 + . = 11}}$$

$$\underline{\underline{3 + . = 12}}$$

$$\underline{\underline{9 + . = 11}}$$

$$\underline{\underline{2 + . = 11}}$$

$$\underline{\underline{9 + 1 = 10}}$$

$$\underline{\underline{2 + 8 = 10}}$$

$$\underline{\underline{10 + 1 = 11}}$$

$$\underline{\underline{10 + 1 = 11}}$$

$$\underline{\underline{9 + 2 = 11}}$$

$$\underline{\underline{2 + 9 = 11}}$$

2.

$$\begin{array}{llll}
 6+3+=11 & 3+6+=11 & 9+3+=17 & 6-3+=12 \\
 10-8+=11 & 7+2+=12 & 4+5+=12 & 2+7+=11 \\
 5+4+=12 & 5-3+=11 & 2+9+=19 & 10-7+=12 \\
 7-4+=12 & 9+2+=17 & 8-6+=11 & 6+3+=11 \\
 4-1+=12 & 5+4+=11 & 3+9+=16 & 7-5+=11
 \end{array}$$

3.

$$\begin{array}{l}
 9+4= \\
 4+9=
 \end{array}$$

$$\begin{array}{l}
 9+5= \\
 5+9=
 \end{array}$$

$$\begin{array}{llll}
 9+4+3= & 9+4-3= & 2+7+4= & 5+9+2= \\
 4+9-3= & 9+5+6= & 8+1+5= & 9+4-2= \\
 9+5-4= & 4+9+5= & 8-4+9= & 9+5-3= \\
 5+9+6= & 5+9-4= & 2+3+9= & 4+9+7= \\
 9+2+9= & 3+9+4= & 9+3+6= & 2+9+5=
 \end{array}$$

$$\begin{array}{l}
 9+.=13 \\
 4+.=13
 \end{array}$$

4.

$$\begin{array}{l}
 9+.=14 \\
 5+.=14
 \end{array}$$

$$\begin{array}{llll}
 8+1+=13 & 5-1+=13 & 5+9+=18 & 4+9+=17 \\
 10-6+=13 & 3+6+=13 & 4+1+=14 & 1+8+=11 \\
 3+6+=14 & 7+2+=14 & 2+7+=12 & 9+4+=20 \\
 7+2+=14 & 9-6+=12 & 9+5+=17 & 2+2+=13 \\
 4-2+=11 & 9+4+=17 & 4+5+=13 & 5+9+=15 \\
 8-3+=14 & 1+3+=13 & 2+7+=14 & 1+8+=14
 \end{array}$$

5.

$$\begin{array}{l}
 9+6= \\
 6+9=
 \end{array}$$

$$\begin{array}{l}
 9+7= \\
 7+9=
 \end{array}$$

$$\begin{array}{llll}
 9+6-5= & 9+6-3= & 7+9-1= & 6+3+6= & 9+6-2= \\
 6+9-3= & 9+7-5= & 9+6-4= & 4+3+6= & 7+9+2= \\
 9+7-6= & 6+9-5= & 7+9-5= & 5+4+7= & 6+9-4= \\
 7+9-3= & 7+9-6= & 6+9-2= & 8-2+9= & 9+7-3= \\
 9+4+5= & 4+9-2= & 5+9-3= & 9+5-2= & 1+8+4=
 \end{array}$$

6.

$9 + . = 15$

$6 + . = 15$

$9 + . = 16$

$7 + . = 16$

$$\begin{array}{llll}
 1 + 8 + . = 15 & 9 - 2 + . = 16 & 9 + 7 + . = 19 & 3 + 6 + . = 15 \\
 9 - 3 + . = 15 & 4 + 5 + . = 15 & 8 - 1 + . = 16 & 6 + 3 + . = 14 \\
 6 + 3 + . = 16 & 1 + 8 + . = 16 & 5 + 4 + . = 13 & 4 + 2 + . = 15 \\
 10 - 3 + . = 16 & 9 - 5 + . = 13 & 7 + 9 + . = 20 & 2 + 5 + . = 16 \\
 1 + 4 + . = 14 & 9 + 6 + . = 20 & 2 + 7 + . = 16 & 4 + 5 + . = 16 \\
 7 - 1 + . = 15 & 10 - 4 + . = 17 & 6 + 9 + . = 18 & 8 + 1 + . = 15
 \end{array}$$

7.

$9 + 8 =$

$8 + 9 =$

$9 + 9 =$

$$\begin{array}{llll}
 9 + 8 - 6 = & 8 + 9 - 4 = & 10 - 2 + 9 = & 9 + 9 - 7 = & 9 + 9 - 6 = \\
 8 + 9 - 7 = & 9 + 8 - 7 = & 9 + 8 - 4 = & 8 + 9 + 3 = & 9 + 8 - 5 = \\
 9 + 9 - 2 = & 9 + 9 - 8 = & 8 + 9 - 6 = & 9 + 8 - 2 = & 8 + 9 - 3 = \\
 8 + 1 + 8 = & 6 + 3 + 9 = & 4 + 5 + 8 = & 8 + 1 + 9 = & 9 + 9 - 4 = \\
 9 + 6 + 4 = & 9 + 7 - 4 = & 5 + 4 + 6 = & 3 + 6 + 7 = & 6 + 9 - 1 = \\
 5 + 9 - 2 = & 4 + 9 - 1 = & 9 + 4 + 2 = & 9 + 5 + 5 = & 7 + 2 + 4 =
 \end{array}$$

8.

$9 + . = 17$

$8 + . = 17$

$9 + . = 18$

$$\begin{array}{llll}
 7 + 2 + . = 17 & 1 + 8 + . = 18 & 4 + 5 + . = 18 & 5 + 4 + . = 18 \\
 3 + 6 + . = 18 & 6 + 2 + . = 17 & 9 + 9 + . = 20 & 2 + 7 + . = 15 \\
 9 - 1 + . = 17 & 3 + 6 + . = 17 & 7 + 2 + . = 16 & 3 + 1 + . = 13 \\
 2 + 7 + . = 18 & 5 + 1 + . = 15 & 7 - 3 + . = 13 & 1 + 8 + . = 17
 \end{array}$$

$$\begin{array}{llll}
 6 + 1 + . = 16 & 5 + 4 + . = 14 & 5 + 3 + . = 17 & 8 + 9 + . = 18 \\
 3 + 2 + . = 14 & 9 + 8 + . = 20 & 8 + 9 + . = 19 & 6 + 1 + . = 16 \\
 6 + 3 + . = 17 & 2 + 7 + . = 17 & 2 + 6 + . = 17 & 4 + 4 + . = 17
 \end{array}$$

9.

$$\begin{array}{llll}
 9 + 2 = & 9 + 3 = & 2 + 9 = & 3 + 9 = \\
 9 + 4 = & 9 + 5 = & 4 + 9 = & 5 + 9 = \\
 9 + 6 = & 9 + 7 = & 6 + 9 = & 7 + 9 = \\
 9 + 8 = & 9 + 9 = & 8 + 9 = & 9 + 9 =
 \end{array}$$

10.

$$\begin{array}{llll} 9+3= & 9+9= & 9+8= & 9+6= \\ 3+9= & 4+9= & 6+9= & 3+9= \\ 9+5= & 9+2= & 9+4= & 9+7= \\ 5+9= & 7+9= & 8+9= & 9+9= \end{array}$$

(2. Vrsta $8+3$, $8+4$, $8+5$, $8+6$, $8+7$, $8+8$ in obratni računi.)

1.

$8+3=$

$8+4=$

$3+8=$

$4+8=$

$$\begin{array}{lllll} 8+3+2= & 8+3+4= & 3+8+7= & 7+1+3= & 4+4+3= \\ 3+8+1= & 8+4+6= & 4+8+2= & 10+7+8= & 8+4+5= \\ 8+4+2= & 8+3+1= & 8+3+7= & 6+2+4= & 4+8+1= \\ 4+8+3= & 8+4+3= & 8+4+1= & 7+3+8= & 2+6+4= \\ 9+2+1= & 9+3+4= & 2+9+6= & 3+9+1= & 9+8+2= \end{array}$$

2.

$8+.=11$

$8+.=12$

$3+.=11$

$4+.=12$

$$\begin{array}{llll} 9-6+=11 & 1+3+=12 & 4+8+=16 & 8-5+=11 \\ 4-1+=11 & 9-6+=11 & 9-5+=12 & 9+4+=14 \\ 10-6+=12 & 5-1+=12 & 5+9+=19 & 7-4+=11 \\ 6+2+=12 & 9+5+=16 & 4+8+=20 & 8+4+=20 \\ 4+9+=16 & 3+8+=17 & 3+1+=12 & 3+1+=12 \\ 6-3+=11 & 9+8+=11 & 3+8+=20 & 2+6+=11 \end{array}$$

3.

$8+5=$

$8+6=$

$6+8=$

$6+8=$

$$\begin{array}{llll} 8+5+3= & 8+5-3= & 6+2+5= & 1+7+5= & 6+8-3= \\ 5+8-3= & 8+6+5= & 2+6+6= & 8+6-3= & 8+5-2= \\ 8+6-4= & 5+8-2= & 4+4+6= & 8+5+7= & 3+5+6= \\ 6+8+3= & 6+8-4= & 3+5+5= & 7+1+6= & 6+8+2= \\ 9+6+3= & 9+7-1= & 6+9+5= & 7+9-4= & 9+7+4= \end{array}$$

4.

$$\begin{array}{llll}
 8 + . = 13 & 8 + . = 14 & 8 + . = 14 & 8 + . = 14 \\
 5 + . = 13 & 6 + . = 14 & 9 + . = 14 & 9 + . = 14 \\
 10 - 5 + . = 13 & 3 + 3 + . = 14 & 1 + 3 + . = 12 & 7 - 2 + . = 13 \\
 2 + 3 + . = 13 & 8 - 3 + . = 13 & 3 + 3 + . = 14 & 7 + 1 + . = 12 \\
 4 + 2 + . = 14 & 1 + 5 + . = 14 & 3 + 5 + . = 11 & 8 + 6 + . = 20 \\
 8 - 2 + . = 14 & 6 - 2 + . = 12 & 5 + 8 + . = 20 & 1 + 4 + . = 13 \\
 8 - 5 + . = 11 & 4 + 4 + . = 13 & 7 - 1 + . = 14 & 2 + 6 + . = 13 \\
 6 - 1 + . = 13 & 2 + 4 + . = 14 & 6 + 8 + . = 20 & 9 + 3 + . = 14
 \end{array}$$

5.

$$\begin{array}{l}
 8 + 7 = \\
 7 + 8 =
 \end{array}$$

$$8 + 8 =$$

$$\begin{array}{llll}
 8 + 7 + 5 = & 6 + 2 + 7 = & 2 + 6 + 7 = & 7 + 8 + 5 = & 8 + 9 - 5 = \\
 8 + 7 - 4 = & 1 + 6 + 8 = & 1 + 7 + 8 = & 8 + 7 - 2 = & 9 + 8 - 4 = \\
 7 + 8 - 2 = & 5 + 3 + 8 = & 4 + 3 + 8 = & 7 + 8 - 5 = & 8 + 7 + 4 = \\
 7 + 8 + 4 = & 2 + 6 + 8 = & 8 + 7 - 3 = & 8 + 7 - 1 = & 3 + 9 - 5 = \\
 5 + 3 + 6 = & 5 + 8 + 5 = & 8 + 5 + 4 = & 6 + 8 + 2 = & 8 + 6 + 4 = \\
 8 + 3 + 6 = & 8 + 4 - 1 = & 3 + 8 + 4 = & 4 + 8 - 2 = & 8 + 3 + 9 =
 \end{array}$$

6.

$$\begin{array}{llll}
 8 + . = 15 & & & 8 + . = 16 \\
 7 + . = 15 & & & \\
 7 + 1 + . = 15 & 3 + 5 + . = 16 & 8 - 1 + . = 15 & 1 + 7 + . = 15 \\
 3 + 5 + . = 15 & 9 - 2 + . = 15 & 5 + 3 + . = 15 & 2 + 7 + . = 15 \\
 3 + 4 + . = 15 & 10 - 2 + . = 16 & 6 - 1 + . = 16 & 8 - 6 + . = 11 \\
 6 + 1 + . = 15 & 10 - 3 + . = 15 & 7 - 3 + . = 12 & 10 - 2 + . = 16 \\
 \\[1em]
 2 + 7 + . = 14 & 6 - 2 + . = 13 & 6 + 1 + . = 15 & 4 + 4 + . = 15 \\
 2 + 4 + . = 15 & 5 + 2 + . = 16 & 8 + 7 + . = 18 & 7 + 1 + . = 16 \\
 8 + 7 + . = 16 & 7 + 8 + . = 18 & 6 + 2 + . = 16 & 9 - 1 + . = 16
 \end{array}$$

7.

$$\begin{array}{llll}
 8 + 2 = & 8 + 3 = & 2 + 8 = & 3 + 8 = \\
 8 + 4 = & 8 + 5 = & 4 + 8 = & 5 + 8 = \\
 8 + 6 = & 8 + 7 = & 6 + 8 = & 7 + 8 = \\
 8 + 8 = & 8 + 9 = & 8 + 8 = & 9 + 8 =
 \end{array}$$

$8 + 4 =$

$4 + 8 =$

$6 + 8 =$

$8 + 6 =$

$8 + 8 =$

$7 + 8 =$

$8 + 5 =$

$3 + 8 =$

$9 + 8 =$

$8 + 3 =$

$7 + 8 =$

$8 + 9 =$

$5 + 8 =$

$8 + 8 =$

$9 + 7 =$

$7 + 9 =$

(3. Vrsta $7 + 4$, $7 + 5$, $7 + 6$, $7 + 7$ in obratni računi.)

1.

$7 + 4 =$

$4 + 7 =$

$7 + 5 =$

$5 + 7 =$

$7 + 4 + 3 = \quad 7 + 4 - 1 = \quad 2 + 2 + 7 = \quad 10 - 5 + 7 = \quad 7 + 4 + 9 =$

$4 + 7 + 4 = \quad 7 + 5 + 8 = \quad 4 + 3 + 4 = \quad 10 - 6 + 7 = \quad 7 + 5 + 5 =$

$7 + 5 - 2 = \quad 4 + 7 + 9 = \quad 7 + 5 + 6 = \quad 2 + 5 + 4 = \quad 5 + 7 - 1 =$

$5 + 7 + 8 = \quad 7 + 5 + 3 = \quad 5 + 7 - 2 = \quad 10 - 3 + 5 = \quad 4 + 7 + 6 =$

$6 + 1 + 5 = \quad 6 + 2 + 6 = \quad 9 - 4 + 8 = \quad 10 - 4 + 8 = \quad 8 + 5 + 1 =$

$5 + 3 + 3 = \quad 4 + 4 + 4 = \quad 2 + 1 + 8 = \quad 8 + 3 + 3 = \quad 8 - 4 + 8 =$

2.

$7 + . = 11$

$4 + . = 11$

$7 + . = 12$

$5 + . = 12$

$10 - 3 + . = 11 \quad 5 - 1 + . = 11 \quad 7 + 4 + . = 19 \quad 7 - 2 + . = 12$

$1 + 3 + . = 11 \quad 6 - 1 + . = 12 \quad 3 + 4 + . = 11 \quad 8 - 4 + . = 11$

$5 + 2 + . = 12 \quad 1 + 6 + . = 11 \quad 7 - 3 + . = 11 \quad 5 + 7 + . = 20$

$8 - 3 + . = 12 \quad 9 - 2 + . = 12 \quad 7 + 5 + . = 19 \quad 3 + 4 + . = 12$

$7 + 1 + . = 15 \quad 5 + 2 + . = 15 \quad 4 + 4 + . = 16 \quad 1 + 7 + . = 11$

$10 - 2 + . = 11 \quad 9 - 1 + . = 11 \quad 10 - 2 + . = 12 \quad 9 - 1 + . = 12$

3.

$7 + 6 =$

$6 + 7 =$

$7 + 7 =$

$7 + 6 - 3 = \quad 7 + 6 + 7 = \quad 7 + 6 - 2 = \quad 7 + 6 + 6 = \quad 2 + 5 + 6 =$

$6 + 7 + 6 = \quad 6 + 7 - 2 = \quad 6 + 7 - 1 = \quad 7 + 7 + 2 = \quad 6 + 7 + 3 =$

$7 + 7 + 4 = \quad 7 + 7 - 2 = \quad 7 + 7 + 4 = \quad 6 + 7 + 4 = \quad 7 + 7 - 3 =$

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

$7 + 4 - 7 = \quad 5 + 7 + 3 = \quad 7 + 5 + 5 = \quad 5 + 7 + 7 = \quad 7 + 1 + 7 =$

$$\begin{array}{ll}
 =8+6 & =8+9 \\
 =8+8 & 7+.=13 \\
 =7+9 & 6+.=13 \\
 =9+7 & =9+8
 \end{array}
 \quad
 \begin{array}{ll}
 =8+9 & =8+8 \\
 =8+8 & =8+7 \\
 =7+9 & =7+8 \\
 =9+8 & =8+8
 \end{array}
 \quad
 \begin{array}{ll}
 4. & =8+8 \\
 =8+7 & =7+8 \\
 =7+9 & =7+8 \\
 =8+8 & =8+8
 \end{array}
 \quad
 \begin{array}{ll}
 =8+8 & =8+8 \\
 =8+7 & =7+8 \\
 =7+9 & =7+8 \\
 =8+8 & =8+8
 \end{array}$$

$$\begin{array}{llll}
 5+2+.=13 & 7-1+.=13 & 8-1+.=13 & 9-2+.=11 \\
 10-3+.=13 & 5+1+.=13 & 4+1+.=12 & 1+6+.=14 \\
 9-2+.=14 & 8-1+.=12 & 5+1+.=14 & 9-2+.=13 \\
 5+2+.=14 & 9-5+.=11 & 4+3+.=13 & 4+3+.=14 \\
 4+1+.=13 & 10-3+.=14 & 2+5+.=14 & 2+4+.=13 \\
 3+3+.=13 & 4+2+.=13 & 1+5+.=13 & 4+3+.=12
 \end{array}$$

$$\begin{array}{ll}
 =6+7 & =4+8 \\
 =7+6 & =5+9 \\
 =8+5 & =7+4
 \end{array}
 \quad
 \begin{array}{ll}
 =4+7 & =5+8 \\
 =5+7 & =6+7 \\
 =6+8 & =7+9
 \end{array}$$

5.

$$\begin{array}{llll}
 =9+4 & =7+6-10 & =3+5+2 & =5+8+7 \\
 7+3= & =7+4= & =3+7= & =4+7= \\
 7+5= & =7+6= & =5+7= & =6+7= \\
 7+7= & =7+8= & =7+7= & =8+7= \\
 7+9= & =7+10= & =9+7= & =10+7=
 \end{array}$$

$$\begin{array}{llll}
 7+4= & 21=, 7+6= & 8+7=, +7 & 6+7= \\
 4+7= & 21=, 6+9= & 7+9=, +4 & 7+9= \\
 7+8= & 7+7= & 5+9= & 9+5= \\
 5+7= & 9+6= & 7+5= & 7+7=
 \end{array}$$

(4. Računi $6+5$, $5+6$, $6+6$.)

1.

$$\begin{array}{ll}
 2+7+.=14 & 6-2+.=13 \\
 2+4+.=10 & 6-4+.=15 \\
 8+ & 6+5= \\
 5+6= & 5+6=
 \end{array}
 \quad
 \begin{array}{ll}
 6+ & 6+6= \\
 6+ & 6+6
 \end{array}$$

$$\begin{array}{lllll}
 6+5+7= & 6+5+4= & 7-1+5= & 6+6+5= & 5+1+5= \\
 5+6+4= & 6+6+8= & 2+3+6= & 6+5+3= & 6+6+1= \\
 6+6-2= & 5+6+7= & 9-3+6= & 6+6+6= & 6+1+6= \\
 5+6+9= & 6+5+1= & 5+6+3= & 6+5+9= & 5+6+1= \\
 7+6-1= & 6+7+2= & 7+7-1= & 7+4+1= & 4+7+8= \\
 5+7+3= & 8+7+2= & 7+8-1= & 5+8+4= & 6+8+5=
 \end{array}$$

2.

$$\begin{array}{llll}
 6 + 1 = 11 & 8 + 1 = 9 & 6 + 2 = 12 & 11 + 1 = 12 \\
 5 + 1 = 11 & 9 + 1 = 10 & 6 + 3 = 12 & 11 + 2 = 13 \\
 3 + 3 + 1 = 11 & 3 + 2 + 1 = 11 & 10 - 4 + 1 = 11 & 6 + 1 + 1 = 14 \\
 8 - 2 + 1 = 11 & 7 - 2 + 1 = 11 & 3 + 4 + 1 = 13 & 4 + 2 + 1 = 11 \\
 4 + 2 + 1 = 12 & 3 + 4 + 1 = 14 & 10 - 4 + 1 = 12 & 2 + 4 + 1 = 12 \\
 7 - 1 + 1 = 12 & 8 - 2 + 1 = 12 & 1 + 5 + 1 = 11 & 3 + 3 + 1 = 12 \\
 1 + 6 + 1 = 13 & 10 - 4 + 1 = 13 & 2 + 3 + 1 = 12 & 9 - 4 + 1 = 11 \\
 8 - 1 + 1 = 11 & 10 - 5 + 1 = 11 & 4 + 1 + 1 = 11 & 1 + 6 + 1 = 12
 \end{array}$$

(1. Vrsta 11 - 2, 11 - 3, 11 - 4, 11 - 5, 11 - 6, 11 - 7,

3.

$$\begin{array}{llll}
 6 + 4 = & 6 + 5 = & 4 + 6 = & 5 + 6 = \\
 6 + 6 = & 6 + 7 = & 6 + 6 = & 7 + 6 = \\
 6 + 8 = & \underline{\underline{6 + 9 =}} & 8 + 6 = & 9 + 6 = \\
 & 11 - 2 = 9 & 11 - 3 = 8 & 11 - 5 = 6 \\
 & 10 - 1 = 9 & 10 - 4 = 6 & \\
 & \underline{\underline{11 - 2 = 9}} & &
 \end{array}$$

4.

$$\begin{array}{llll}
 6 + 5 = & 6 + 9 = & 7 + 6 = & 9 + 4 = \\
 9 + 6 = & 5 + 6 = & 9 + 9 = & 8 + 5 = \\
 6 + 7 = & 9 + 6 + 6 = & 5 + 8 = & 11 - 2 = 3 + 8 = \\
 8 + 6 = & 8 + 6 + 8 = & 8 + 7 = & 11 - 4 = 5 + 7 = \\
 11 - 3 = & 7 + 4 - 5 = & 3 + 8 - 5 = & 11 - 5 + 1 = 15 \\
 9 + 2 = & 6 + 7 + 4 = & 2 + 9 + 4 = & 11 - 3 = 7 + 5 = \\
 5 + 9 = & 8 + 8 = & 9 + 5 = & 7 + 7 = \\
 8 + 3 = & 4 + 9 = & 2 + 4 + 7 = & 3 + 9 =
 \end{array}$$

(Za ponavljanje do mehanske spretnosti med poznejšim poukom.)

1.

$$\begin{array}{llllll}
 9 + 4 = & 8 + 8 = & 9 + 5 = & 2 + 9 = & 5 + 8 = & 8 + 7 = \\
 8 + 6 = & 6 + 9 = & 8 + 4 = & 7 + 4 = & 9 + 9 = & 9 + 3 = \\
 6 + 7 = & 9 + 8 = & 3 + 8 = & 9 + 2 = & 8 + 3 = & 8 + 9 = \\
 4 + 8 = & 4 + 9 = & 7 + 9 = & 8 + 5 = & 7 + 7 = & 7 + 6 = \\
 3 + 9 = & 7 + 5 = & 5 + 6 = & 7 + 8 = & 6 + 8 = & 6 + 5 = \\
 9 + 7 = & 9 + 6 = & 5 + 9 = & 6 + 6 = & 5 + 7 = & 4 + 7 =
 \end{array}$$

2.

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

$= 0 + 6$	$= 0 + 4$	$= 0 + 9$	$= 0 + 5$
$= 0 + 7$	$= 0 + 0$	$= 0 + 6$	$= 0 + 6$
$= 0 + 9$	$= 0 + 8$	$= 0 + 0$	$= 0 + 8$
$7 + 3 =$	$7 + 10 =$	$9 + 7 =$	$10 + 7 =$

$= 4 + 0$	$= 0 + 7$	$6. = 0 + 0$	$= 5 + 0$
$= 6 + 0$	$= 0 + 0$	$= 0 + 5$	$= 0 + 0$
$= 8 + 3$	$= 8 + 0$	$= 0 + 0$	$= 5 + 0$
$= 5 + 5$	$= 5 + 8$	$= 8 + 0$	$= 0 + 8$
$= 4 + 6$	$7 + 7 =$	$5 + 9 =$	$9 + 5 =$
$= 6 + 5$	$4 + 8$	$= 8 + 0$	$= 5 + 4$
$= 5 + 7$	$0 + 5 =$	$= 8 + 0$	$= 0 + 5$
$= 0 + 0$	$= 5 + 4$	$= 0 + 4$	$= 8 + 0$
$3 + 0 =$			

(4. Racuni $6 + 5$, $5 + 6$, $6 + 6$)(La bontà jížná je do měřeňské obřetenosti meď
bontejším bontejším)

$6 + 5 =$	$5 + 6 =$	$6 + 6 =$
-----------	-----------	-----------

$= 7 + 8$	$= 8 + 7$	$= 0 + 5$	$= 6 + 8$	$= 4 + 0$
$= 2 + 8$	$= 0 + 8$	$= 4 + 3$	$= 4 + 5$	$= 2 + 0$
$= 8 + 8$	$= 2 + 7$	$= 0 + 0$	$= 8 + 8$	$= 7 + 0$
$= 0 + 7$	$= 7 + 7$	$= 6 + 8$	$= 8 + 0$	$= 7 + 0$
$= 6 + 0$	$= 8 + 0$	$= 0 + 5$	$= 0 + 3$	$= 8 + 4$
$= 7 + 4$	$= 5 + 7$	$= 0 + 0$	$= 0 + 5$	$= 0 + 0$

• 13 + 5 = 18, 13 - 4 = 9, 13 - 8 = 5, 13 - 6 = 7, 13 - 9 = 4, 13 - 10 = 3.

$$\begin{array}{r} 13 - 4 = \\ = 9 \end{array}$$

$$\begin{array}{r} 13 - 5 = \\ = 8 \end{array}$$

$$\begin{array}{r} 13 - 6 = \\ = 7 \end{array}$$

(Odštevanje čez 10 v zvezi s prištevanjem in dopolnjevanjem.)

- (1. Vrsta 11 - 2, 11 - 3, 11 - 4, 11 - 5, 11 - 6, 11 - 7,
11 - 8, 11 - 9.)

$$\begin{array}{r} 11 - 2 = \\ 11 - 1 = 10 \\ 10 - 1 = 9 \\ \hline 11 - 2 = 9 \end{array}$$

$$\begin{array}{r} 11 - 3 = \\ 11 - 2 = 9 \\ \hline 11 - 3 = 8 \end{array}$$

$$\begin{array}{r} 11 - 4 = \\ 11 - 5 = \\ \hline 11 - 4 = 6 \\ 11 - 5 = 6 \end{array}$$

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

1.

$$\begin{array}{r} 11 - 6 = \\ 11 - 7 = \end{array}$$

$$\begin{array}{r} 11 - 8 = \\ 11 - 9 = \end{array}$$

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

2.

3.

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

(2. Vrsta $12 - 3, 12 - 4, 12 - 5, 12 - 6, 12 - 7, 12 - 8, 12 - 9$)

1.

$12 - 3 =$

$12 - 4 =$

$12 - 5 =$

$12 - 6 =$

$12 - 4 = \quad 9 + 3 - 6 = \quad 5 + 7 - 4 = \quad 12 - 6 + . = 13$

$12 - 6 = \quad 8 + 4 - 3 = \quad 4 + 8 - 5 = \quad 12 - 3 + . = 15$

$12 - 3 = \quad 7 + 5 - 4 = \quad 6 + 6 - 3 = \quad 12 - 5 + . = 14$

$12 - 5 = \quad 6 + 6 - 5 = \quad 7 + 5 - 4 = \quad 12 - 4 + . = 16$

2.

$12 - 7 =$

$12 - 8 =$

$12 - 9 =$

$12 - 5 =$

$11 - 8 =$

$11 - 9 =$

$11 - 7 =$

$11 - 2 =$

$12 - 3 =$

$12 - 7 =$

$12 - 4 =$

$12 - 9 =$

$11 - 4 =$

$11 - 5 =$

$11 - 3 =$

$11 - 6 =$

$12 - 8 =$

$12 - 6 =$

$12 - 9 =$

$11 - 3 =$

$12 - 5 =$

$12 - 8 =$

$12 - 11 =$

$11 - 8 =$

$12 - 3 =$

$12 - 4 =$

$12 - 11 =$

$11 - 5 =$

$12 - 8 =$

$12 - 9 =$

$12 - 11 =$

$11 - 2 =$

$12 - 5 =$

$12 - 6 =$

$12 - 11 =$

$11 - 9 =$

$12 - 8 =$

$12 - 7 =$

$12 - 11 =$

$11 - 6 =$

$12 - 3 =$

$12 - 4 =$

$12 - 11 =$

$11 - 3 =$

$12 - 8 =$

$12 - 9 =$

$12 - 11 =$

$11 - 8 =$

$12 - 5 =$

$12 - 6 =$

$12 - 11 =$

$11 - 5 =$

$12 - 3 =$

$12 - 7 =$

$12 - 11 =$

$11 - 2 =$

$12 - 8 =$

$12 - 9 =$

$12 - 11 =$

$11 - 9 =$

$12 - 5 =$

$12 - 6 =$

$12 - 11 =$

$11 - 6 =$

$12 - 3 =$

$12 - 7 =$

$12 - 11 =$

$11 - 3 =$

$12 - 8 =$

$12 - 9 =$

$12 - 11 =$

$11 - 8 =$

$12 - 5 =$

$12 - 6 =$

$12 - 11 =$

$11 - 2 =$

$12 - 3 =$

$12 - 7 =$

$12 - 11 =$

$11 - 9 =$

$12 - 5 =$

$12 - 6 =$

$12 - 11 =$

$11 - 6 =$

$12 - 3 =$

$12 - 7 =$

$12 - 11 =$

$11 - 3 =$

$12 - 8 =$

$12 - 9 =$

$12 - 11 =$

3.

$$\begin{array}{llll}
 9 + 3 - 6 = & 8 + 4 - 3 = & 12 - 3 + 4 = & 12 - 6 + 5 = \\
 6 + 6 - 5 = & 5 + 7 - 8 = & 12 - 4 + 3 = & 12 - 8 + 6 = \\
 4 + 8 - 9 = & 3 + 9 - 7 = & 12 - 7 + 8 = & 12 - 5 + 7 = \\
 7 + 5 - 4 = & 9 + 2 - 8 = & 12 - 9 + 7 = & 12 - 8 + 9 =
 \end{array}$$

4.

$$\begin{array}{llll}
 12 - 8 + . = 13 & 12 - 9 + . = 11 & 12 - 4 + . = 15 & 12 - 4 + . = 11 \\
 11 - 6 + . = 7 & 11 - 5 + . = 13 & 11 - 2 + . = 17 & 11 - 3 + . = 15 \\
 12 - 5 + . = 12 & 12 - 6 + . = 12 & 12 - 7 + . = 12 & 11 - 7 + . = 9 \\
 11 - 8 + . = 9 & 11 - 4 + . = 12 & 11 - 9 + . = 8 & 12 - 9 + . = 10
 \end{array}$$

(3. Vrsta $13 - 4, 13 - 5, 13 - 6, 13 - 7, 13 - 8, 13 - 9$.)

1.

$$13 - 4 = \quad 13 - 5 = \quad 13 - 6 =$$

$$13 - 4 = \quad 7 + 6 - 4 = \quad 8 + 5 - 6 = \quad 13 - 5 + . = 14$$

$$13 - 6 = \quad 5 + 8 - 6 = \quad 6 + 7 - 4 = \quad 13 - 4 + . = 16$$

$$13 - 5 = \quad 9 + 4 - 5 = \quad 4 + 9 - 5 = \quad 13 - 6 + . = 15$$

2.

$$13 - 7 = \quad 13 - 8 = \quad 13 - 9 =$$

$$13 - 5 = \quad 13 - 7 = \quad 12 - 8 = \quad 13 - 9 =$$

$$12 - 7 = \quad 12 - 4 = \quad 13 - 6 = \quad 12 - 5 =$$

$$11 - 8 = \quad 11 - 9 = \quad 12 - 9 = \quad 12 - 6 =$$

$$13 - 3 = \quad 13 - 4 = \quad 13 - 8 = \quad 11 - 7 =$$

3.

$$4 + 9 - 6 = \quad 9 + 4 - 7 = \quad 13 - 6 + 8 = \quad 13 - 5 + 4 =$$

$$6 + 7 - 5 = \quad 8 + 5 - 9 = \quad 13 - 4 + 3 = \quad 12 - 8 + 7 =$$

$$6 + 6 - 8 = \quad 5 + 7 - 4 = \quad 12 - 3 + 2 = \quad 13 - 7 + 6 =$$

$$5 + 8 - 4 = \quad 7 + 6 - 4 = \quad 13 - 8 + 9 = \quad 13 - 9 + 7 =$$

4.

$$16 - 7 + 2 = \quad 16 - 9 + 5 = \quad 16 - 7 + . = 9 - 6 - 9 + 5 =$$

$$17 - 9 + 6 = \quad 16 - 8 + 3 = \quad 17 - 9 + 7 = 5 - 6 - 8 + 4 =$$

$$12 - 6 + . = 14 \quad 12 - 5 + . = 16 \quad 13 - 8 + . = 9 \quad 11 - 9 + . = 10$$

$$13 - 9 + . = 10 \quad 11 - 7 + . = 8 \quad 12 - 4 + . = 12 \quad 12 - 3 + . = 14$$

$$12 - 9 + . = 11 \quad 13 - 6 + . = 9 \quad 13 - 8 + . = 12 \quad 13 - 5 + . = 15$$

$$13 - 4 + . = 14 \quad 12 - 7 + . = 13 \quad 12 - 8 + . = 11 \quad 11 - 8 + . = 12$$

(4.) Vrsta 14 - 5, 14 - 6, 14 - 7, 14 - 8, 14 - 9.) (38) 9

1.

$14 - 5 =$

$14 - 6 =$

$14 - 7 =$

$14 - 8 =$

$14 - 9 =$

$14 - 6 =$

$13 - 4 =$

$14 - 6 =$

$14 - 7 =$

$14 - 8 =$

$11 - 7 =$

$11 - 4 =$

$13 - 9 =$

$14 - 5 =$

$14 - 5 =$

$13 - 8 =$

$14 - 8 =$

$14 - 7 =$

$13 - 6 =$

$11 - 6 =$

$13 - 7 =$

$14 - 9 =$

$11 - 2 =$

$14 - 9 =$

$11 - 5 =$

2.

$6 + 8 - 5 =$

$7 + 9 - 6 =$

$14 - 5 + 2 =$

$13 - 5 + 4 =$

$3 + 9 - 6 =$

$8 + 6 - 9 =$

$12 - 7 + 6 =$

$14 - 6 + 5 =$

$9 + 5 - 8 =$

$6 + 6 - 4 =$

$14 - 8 + 9 =$

$12 - 4 + 7 =$

$5 + 6 - 3 =$

$5 + 9 - 7 =$

$14 - 7 + 5 =$

$14 - 9 + 8 =$

3.

$14 - 5 + . = 11 \quad 13 - 9 + . = 12 \quad 13 - 5 + . = 12 \quad 14 - 6 + . = 12$

$13 - 7 + . = 14 \quad 11 - 2 + . = 16 \quad 14 - 7 + . = 13 \quad 13 - 8 + . = 16$

$11 - 4 + . = 12 \quad 14 - 9 + . = 13 \quad 13 - 4 + . = 12 \quad 11 - 5 + . = 14$

$14 - 8 + . = 15 \quad 11 - 6 + . = 11 \quad 11 - 3 + . = 15 \quad 13 - 6 + . = 15$

(5.) Vrsta 15 - 6, 15 - 7, 15 - 8, 15 - 9.)

1.

$15 - 6 =$

$15 - 8 =$

$15 - 7 =$

$15 - 9 =$

$15 - 7 =$

$14 - 6 =$

$15 - 7 =$

$15 - 9 =$

$15 - 9 =$

$15 - 8 =$

$12 - 6 =$

$14 - 8 =$

$15 - 6 =$

$12 - 4 =$

$14 - 9 =$

$15 - 6 =$

$15 - 8 =$

$14 - 5 =$

$12 - 3 =$

$12 - 8 =$

2.

$9 + 5 - 6 =$	$6 + 9 - 7 =$	$15 - 8 + 7 =$	$15 - 9 + 8 =$
$7 + 8 - 9 =$	$7 + 7 - 9 =$	$14 - 6 + 7 =$	$14 - 5 + 3 =$
$5 + 9 - 8 =$	$9 + 6 - 8 =$	$15 - 7 + 5 =$	$15 - 6 + 4 =$
$8 + 7 - 6 =$	$8 + 6 - 5 =$	$14 - 8 + 6 =$	$14 - 7 + 5 =$

3.

$12 - 9 + . = 11$	$12 - 4 + . = 17$	$14 - 6 + . = 16$	$15 - 8 + . = 13$
$12 - 3 + . = 17$	$12 - 7 + . = 13$	$12 - 5 + . = 13$	$14 - 5 + . = 11$
$14 - 8 + . = 12$	$15 - 9 + . = 12$	$12 - 6 + . = 14$	$12 - 8 + . = 12$
$15 - 7 + . = 14$	$14 - 7 + . = 15$	$14 - 9 + . = 11$	$12 - 6 + . = 11$

(6. Računi $16 - 7$, $16 - 8$, $16 - 9$; $17 - 8$, $17 - 9$; $18 - 9$.)**1.**

$16 - 7 =$	$16 - 8 =$	$16 - 9 =$
$17 - 8 =$	$17 - 9 =$	$18 - 9 =$

$16 - 7 =$	$13 - 7 =$	$15 - 9 =$	$13 - 6 =$
$13 - 4 =$	$18 - 9 =$	$16 - 8 =$	$15 - 7 =$
$13 - 8 =$	$15 - 8 =$	$13 - 5 =$	$16 - 9 =$
$17 - 9 =$	$13 - 9 =$	$17 - 8 =$	$15 - 6 =$

2.

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

3.

$16 - 7 + 2 =$	$16 - 9 + 5 =$	$16 - 7 + 4 =$	$16 - 9 + 5 =$
$17 - 9 + 6 =$	$16 - 8 + 3 =$	$17 - 9 + 7 =$	$16 - 8 + 4 =$
$18 - 9 + 8 =$	$17 - 8 + 5 =$	$18 - 9 + 7 =$	$17 - 8 + 3 =$
$16 - 7 + 6 =$	$17 - 8 + 4 =$	$16 - 7 + 9 =$	$16 - 8 + 6 =$
$17 - 9 + 8 =$	$16 - 8 + 5 =$	$17 - 9 + 5 =$	$17 - 8 + 3 =$
$18 - 9 + 5 =$	$18 - 9 + 3 =$	$16 - 9 + 8 =$	$16 - 9 + 7 =$

4.

$$\begin{array}{llll}
 14 - 5 + . = 11 & 14 - 8 + . = 11 & 14 - 6 + . = 11 & 15 - 8 + . = 13 \\
 15 - 7 + . = 16 & 15 - 9 + . = 11 & 17 - 8 + . = 15 & 16 - 7 + . = 14 \\
 18 - 9 + . = 16 & 17 - 9 + . = 12 & 16 - 9 + . = 14 & 14 - 9 + . = 14 \\
 16 - 8 + . = 17 & 15 - 6 + . = 13 & 14 - 7 + . = 12 & 18 - 9 + . = 11
 \end{array}$$

5.

(Za ponavljanje do mehanske spretnosti.)

$$\begin{array}{llll}
 11 - 4 = & 12 - 4 = & 11 - 6 = & 12 - 8 = \\
 14 - 7 = & 14 - 5 = & 13 - 4 = & 11 - 3 = \\
 11 - 9 = & 11 - 8 = & 12 - 6 = & 16 - 9 = \\
 13 - 6 = & 17 - 9 = & 15 - 8 = & 14 - 6 = \\
 15 - 9 = & 12 - 7 = & 11 - 2 = & 11 - 5 = \\
 16 - 7 = & 13 - 9 = & 14 - 9 = & 17 - 8 =
 \end{array}$$

6.

$$\begin{array}{llll}
 3 + 9 - 6 = & 13 - 7 = & 16 - 8 = & \\
 9 + 5 - 8 = & 18 - 9 = & 15 - 7 = & \\
 5 + 6 - 8 = & 12 - 5 = & 13 - 5 = & \\
 = 8 - 81 & 15 - 6 = & 12 - 9 = & \\
 = 5 - 51 & 13 - 8 = & 14 - 8 = & \\
 = 8 - 81 & 11 - 7 = & 12 - 3 = & \\
 = 8 - 81 & = 8 - 81 & = 8 - 81 & \\
 = 8 - 8 + 81 & = 8 - 1 + 81 & = 8 - 1 + 81 & \\
 = 5 - 8 + 81 & = 8 - 2 + 81 & = 8 - 3 + 81 & \\
 = 8 - 3 + 81 & = 8 - 4 + 81 & = 8 - 5 + 81 & \\
 = 8 + 2 - 81 & = 8 + 3 - 81 & = 8 + 4 - 81 & \\
 = 8 + 4 - 81 & = 8 + 5 - 81 & = 8 + 6 - 81 & \\
 = 8 + 6 - 81 & = 8 + 7 - 81 & = 8 + 8 - 81 &
 \end{array}$$

7.

$$\begin{array}{llll}
 = 8 + 8 - 81 & = 8 + 7 - 81 & = 8 + 6 - 81 & = 8 + 5 - 81 \\
 = 4 + 8 - 81 & = 5 + 9 - 81 & = 8 + 8 - 81 & = 8 + 9 - 81 \\
 = 8 + 8 - 81 & = 7 + 8 - 81 & = 8 + 8 - 81 & = 8 + 9 - 81 \\
 = 8 + 8 - 81 & = 8 + 9 - 81 & = 8 + 8 - 81 & = 8 + 9 - 81 \\
 = 8 + 8 - 81 & = 8 + 9 - 81 & = 8 + 8 - 81 & = 8 + 9 - 81 \\
 = 8 + 8 - 81 & = 8 + 9 - 81 & = 8 + 8 - 81 & = 8 + 9 - 81
 \end{array}$$

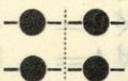
Pregled nobiljevosti raziskovalnega delovanja M.1
 (kratnikov števila 2 do 20.)
 1×2 ita $= 2 \times 1$ ita $= 2$
 $= 2 \times 2$ ita $= 2 + 2$

Množenje, merjenje in deljenje v številnem obsegu do 20.

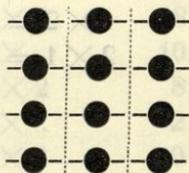
Izračunaj:

1. $2 + 2 = 4$, $4 + 2 = \dots$ 20;
2. $3 + 3 = 6$, $6 + 3 = \dots$ do 18;
3. $4 + 4 = 8$, $8 + 4 = \dots$ 20;
4. $5 + 5 =$, $10 + 5 = \dots$ do 20;
5. $6 + 6 = 12$, $12 + 6 =$; $7 + 7 =$; $8 + 8 =$; $9 + 9 =$; $10 + 10 =$!

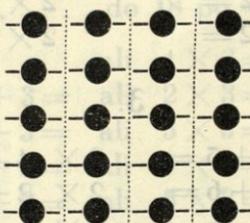
(Pojem „krat“ in znamenje zanj. Obrazovanje večkratnikov.)



$$2 \text{ krat } 2 = 2 \times 2$$



$$4 \text{ krat } 3 = 4 \times 3 \text{ ali } 3 \text{ krat } 4 = 3 \times 4$$



$$5 \text{ krat } 4 = 5 \times 4 \text{ ali } 4 \text{ krat } 5 = 4 \times 5$$

Ponazorji tudi tako:

- a) 1×2 ali 2×1 , 3×2 ali 2×3 , ..., 10×2 ali 2×10 ;
- b) 1×3 ali 3×1 , 2×3 ali 3×2 , ..., 6×3 ali 3×6 ;
- c) 1×4 ali 4×1 , 2×4 ali 4×2 , ..., 4×4 ;
- č) 1×5 ali 5×1 , 2×5 ali 5×2 , ..., 4×5 ali 5×4 ;
- d) 2×7 ali 7×2 , 2×8 ali 8×2 , ..., 2×10 ali 10×2 .

(1. Množenje števila 2 in s številom 2.)

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 2 \quad \text{ali} \quad 1 \times 2 = \quad \text{ali} \quad 2 \times 1 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 2 + 2 = \quad \text{ali} \quad 2 \times 2 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 4 + 2 = \quad \text{ali} \quad 3 \times 2 = \quad \text{ali} \quad 2 \times 3 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 6 + 2 = \quad \text{ali} \quad 4 \times 2 = \quad \text{ali} \quad 2 \times 4 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 8 + 2 = \quad \text{ali} \quad 5 \times 2 = \quad \text{ali} \quad 2 \times 5 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 10 + 2 = \quad \text{ali} \quad 6 \times 2 = \quad \text{ali} \quad 2 \times 6 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 12 + 2 = \quad \text{ali} \quad 7 \times 2 = \quad \text{ali} \quad 2 \times 7 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 14 + 2 = \quad \text{ali} \quad 8 \times 2 = \quad \text{ali} \quad 2 \times 8 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 16 + 2 = \quad \text{ali} \quad 9 \times 2 = \quad \text{ali} \quad 2 \times 9 =$$

$$\begin{array}{l} \bullet\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \\ -\bullet-\bullet \end{array} \quad 18 + 2 = \quad \text{ali} \quad 10 \times 2 = \quad \text{ali} \quad 2 \times 10 =$$

1.

$$3 \times 2 = \quad 5 \times 2 = \quad 7 \times 2 = \quad 8 \times 2 = \quad 2 \times 2 =$$

$$2 \times 3 = \quad 2 \times 5 = \quad 2 \times 7 = \quad 2 \times 8 = \quad 9 \times 2 =$$

$$6 \times 2 = \quad 1 \times 2 = \quad 10 \times 2 = \quad 4 \times 2 = \quad 2 \times 9 =$$

$$2 \times 6 = \quad 2 \times 1 = \quad 2 \times 10 = \quad 2 \times 4 = \quad 2 \times 2 =$$

2.

$$3 \times 2 = \quad 7 \times 2 = \quad 2 \times 5 = \quad 2 \times 10 =$$

$$5 \times 2 = \quad 10 \times 2 = \quad 2 \times 1 = \quad 2 \times 2 =$$

$$9 \times 2 = \quad 6 \times 2 = \quad 2 \times 4 = \quad 2 \times 7 =$$

$$1 \times 2 = \quad 8 \times 2 = \quad 2 \times 3 = \quad 2 \times 8 =$$

$$4 \times 2 = \quad 2 \times 2 = \quad 2 \times 9 = \quad 2 \times 6 =$$

3.

$$7 \times 2 - 3 = \quad 1 \times 2 + 5 = \quad 2 \times 4 - 8 = \quad 2 \times 3 + 5 =$$

$$10 \times 2 - 5 = \quad 3 \times 2 + 6 = \quad 2 \times 2 + 7 = \quad 2 \times 5 + 4 =$$

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

$$2 \times 2 + 6 = \quad 6 \times 2 - 2 = \quad 2 \times 10 - 10 = \quad 2 \times 1 + 9 =$$

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

4.

$$3 \times 2 + . = 10 \quad 2 \times 8 + . = 19 \quad 1 \times 2 + . = 8 \quad 7 \times 2 - 4 =$$

$$2 \times 4 + . = 16 \quad 7 \times 2 + . = 16 \quad 2 \times 3 + . = 15 \quad 2 \times 10 - 3 =$$

$$9 \times 2 + . = 19 \quad 2 \times 1 + . = 11 \quad 5 \times 2 + . = 19 \quad 2 \times 8 - 5 =$$

$$2 \times 5 + . = 17 \quad 2 \times 2 + . = 12 \quad 2 \times 4 + . = 12 \quad 2 \times 9 - 4 =$$

$$1 \times 2 + . = 19 \quad 4 \times 2 + . = 11 \quad 8 \times 2 + . = 20 \quad 2 \times 6 + 5 =$$

(Predhodne vaje za merjenje in deljenje večkratnikov števila 2 do 20.)

5.

a) Naštej večkratnike števila 2 do 20 po vrsti in v obratnem redu!

b) Naštej večkratnike števila 1 do 10 povrsti in v obratnem redu!

$6 = . \times 2$	$2 = . \times 2$	$4 = 2 \times .$	$10 = 2 \times .$
$12 = . \times 2$	$20 = . \times 2$	$14 = 2 \times .$	$16 = 2 \times .$
$10 = . \times 2$	$14 = . \times 2$	$8 = 2 \times .$	$2 = 2 \times .$
$16 = . \times 2$	$8 = . \times 2$	$20 = 2 \times .$	$18 = 2 \times .$
$4 = . \times 2$	$18 = . \times 2$	$12 = 2 \times .$	$6 = 2 \times .$

6.

$8 = 2 \times .$	$12 = 2 \times .$	$4 = . \times 2$	$18 = 2 \times .$
$14 = . \times 2$	$16 = 2 \times .$	$14 = 2 \times .$	$10 = 2 \times .$
$6 = 2 \times .$	$6 = . \times 2$	$20 = . \times 2$	$8 = . \times 2$
$16 = . \times 2$	$2 = . \times 2$	$4 = 2 \times .$	$2 = 2 \times .$
$18 = . \times 2$	$20 = 2 \times .$	$12 = . \times 2$	$10 = . \times 2$

(2. Množenje števila 3 in s številom 3.)

$3 + 3 = 6$, $6 + 3 = , \dots$ do 18 po vrsti in izven vrste.

	3	ali	$1 \times 3 =$	ali	$3 \times 1 =$
	$3 + 3 =$	ali	$2 \times 3 =$	ali	$3 \times 2 =$
	$6 + 3 =$	ali	$3 \times 3 =$		
	$9 + 3 =$	ali	$4 \times 3 =$	ali	$3 \times 4 =$
	$12 + 3 =$	ali	$5 \times 3 =$	ali	$3 \times 5 =$
	$15 + 3 =$	ali	$6 \times 3 =$	ali	$3 \times 6 =$

1.

$2 \times 3 =$	$6 \times 3 =$	$3 \times 5 =$	$1 \times 3 =$
$3 \times 2 =$	$3 \times 6 =$	$2 \times 3 =$	$3 \times 4 =$
$5 \times 3 =$	$3 \times 3 =$	$3 \times 3 =$	$6 \times 3 =$
$3 \times 5 =$	$4 \times 3 =$	$3 \times 2 =$	$3 \times 3 =$
$1 \times 3 =$	$3 \times 4 =$	$4 \times 3 =$	$3 \times 1 =$
$3 \times 2 =$	$3 \times 3 =$	$3 \times 6 =$	$5 \times 3 =$

2.

$3 \times 3 + 3 =$	$3 \times 1 + . = 7$	$3 \times 4 - 4 =$	$1 \times 3 + 9 =$
$5 \times 3 + 4 =$	$3 \times 4 + . = 14$	$3 \times 5 - 8 =$	$3 \times 5 - 7 =$
$6 \times 3 - 4 =$	$3 \times 2 + . = 12$	$3 \times 6 - 7 =$	$3 \times 4 - 9 =$
$4 \times 3 - 7 =$	$3 \times 3 + . = 16$	$5 \times 3 - 6 =$	$2 \times 3 + 8 =$
$2 \times 3 + 3 =$	$2 \times 3 + . = 13$	$4 \times 3 - 3 =$	$3 \times 3 - 4 =$
$1 \times 3 + 5 =$	$3 \times 3 + . = 18$	$6 \times 3 - 7 =$	$3 \times 6 + 5 =$

(Predhodne vaje za merjenje in deljenje večkratnikov števila 3 do 18.)

3.

a) Naštej večkratnike števila 3 po vrsti do 18 in v obratnem redu!

b) Naštej 3 kratnike števil od 1 do 6 po vrsti in v obratnem redu!

$9 = 3 \times .$	$12 = 3 \times .$	$15 = . \times 3$	$18 = . \times 3$
$15 = 3 \times .$	$18 = 3 \times .$	$9 = . \times 3$	$3 = . \times 3$
$6 = 3 \times .$	$3 = 3 \times .$	$12 = . \times 3$	$6 = . \times 3$
$12 = . \times 3$	$6 = 3 \times .$	$12 = 3 \times .$	$9 = . \times 3$
$18 = 3 \times .$	$18 = . \times 3$	$6 = . \times 3$	$15 = . \times 3$
$3 = . \times 3$	$3 = 3 \times .$	$15 = 3 \times .$	$9 = 3 \times .$

3. Množenje števila 4 in s številom 4.)

$4 + 4 = 8$, $8 + 4 =$, do 20 po vrsti in izven vrste.

	4	ali	$1 \times 4 =$	ali	$4 \times 1 =$
	$4 + 4 =$	ali	$2 \times 4 =$	ali	$4 \times 2 =$
	$8 + 4 =$	ali	$3 \times 4 =$	ali	$4 \times 3 =$
	$12 + 4 =$	ali	$4 \times 4 =$		
	$16 + 4 =$	ali	$5 \times 4 =$	ali	$4 \times 5 =$

1.

$3 \times 4 =$	$1 \times 4 =$	$4 \times 4 =$	$3 \times 4 =$
$4 \times 3 =$	$4 \times 1 =$	$2 \times 4 =$	$4 \times 2 =$
$5 \times 4 =$	$2 \times 4 =$	$4 \times 3 =$	$1 \times 4 =$
$4 \times 5 =$	$4 \times 2 =$	$4 \times 1 =$	$5 \times 4 =$
$4 \times 4 =$	$4 \times 4 =$	$4 \times 3 =$	$4 \times 4 =$

2.

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

(Predhodne vaje za merjenje in deljenje večkratnikov števila 4 do 20.)

3.

a) Naštej večkratnike števila 4 po vrsti do 20 in v obratnem redu!

b) Naštej 4 kratnike števila 1 do 5 po vrsti in v obratnem redu!

$8 = . \times 4$	$12 = 4 \times .$	$12 = . \times 4$	$8 = . \times 4$
$16 = . \times 4$	$4 = 4 \times .$	$20 = 4 \times .$	$12 = 4 \times .$
$4 = . \times 4$	$16 = 4 \times .$	$16 = . \times 4$	$20 = . \times 4$
$12 = . \times 4$	$8 = 4 \times .$	$8 = 4 \times .$	$4 = 4 \times .$
$20 = . \times 4$	$20 = 4 \times .$	$4 = . \times 4$	$16 = 4 \times .$

1. Ponazorji $1 \times 5, 2 \times 5, 3 \times 5, 4 \times 5$ in razvij večkratnike števila 5 do 20 in 5 kratnike števil 1 do 4!

2. Ponazorji in razvij

- a) $1 \times 6 =$, $2 \times 6 - 6 \times 1 =$, $6 \times 2 =$;
- b) $1 \times 7 =$, $2 \times 7 - 7 \times 1 =$, $7 \times 2 =$;
- c) $1 \times 8 =$, $2 \times 8 - 8 \times 1 =$, $8 \times 2 =$;
- č) $1 \times 9 =$, $2 \times 9 - 9 \times 1 =$, $9 \times 2 =$;
- d) $1 \times 10 =$, $2 \times 10 - 10 \times 1 =$, $10 \times 2 =$.

1.

$2 \times 5 =$

$3 \times 5 =$

$6 \times 1 =$

$9 \times 1 =$

$5 \times 4 =$

$5 \times 2 =$

$7 \times 2 =$

$2 \times 6 =$

$1 \times 5 =$

$5 \times 1 =$

$1 \times 8 =$

$7 \times 1 =$

$5 \times 3 =$

$4 \times 5 =$

$2 \times 9 =$

$8 \times 2 =$

$1 \times 10 =$

$2 \times 7 =$

$2 \times 8 =$

$8 \times 1 =$

$2 \times 6 =$

$6 \times 2 =$

$1 \times 7 =$

$2 \times 10 =$

$9 \times 2 =$

$1 \times 9 =$

$10 \times 2 =$

$10 \times 1 =$

2.

$5 = . \times 5$

$5 = 5 \times .$

$12 = . \times 6$

$12 = 6 \times .$

$6 = . \times 6$

$6 = 6 \times .$

$14 = . \times 7$

$14 = 7 \times .$

$7 = . \times 7$

$7 = 7 \times .$

$16 = . \times 8$

$16 = 8 \times .$

$8 = . \times 8$

$8 = 8 \times .$

$18 = . \times 9$

$18 = 9 \times .$

$9 = . \times 9$

$9 = 9 \times .$

$20 = . \times 10$

$20 = 10 \times .$

$10 = . \times 10$

$10 = 10 \times .$

$20 = . \times 5$

$20 = 5 \times .$

(Merjenje s številom 2.)

Ponovi:

a) $1 \times 2, 2 \times 2, \dots, 10 \times 2$; v obratnem redu; izven vrste.

b) $2 = . \times 2, 4 = . \times 2, \dots, 20 = . \times 2$; v obratnem redu; izven vrste.

1. -●-●-

-●-●-

-●-●-

$-\bullet-\bullet- 2 v 2 \times 2 = -\bullet-\bullet-$

$-\bullet-\bullet-$

$-\bullet-\bullet- 2 v 3 \times 2 = -\bullet-\bullet-$

$-\bullet-\bullet-$

$-\bullet-\bullet- 2 v 4 \times 2 =$

$-\bullet-\bullet-$

$2 v 5 \times 2, 6 \times 2, 7 \times 2, 8 \times 2, 9 \times 2, 10 \times 2, 1 \times 2$; v obratnem redu; izven vrste.

2. $2 v 4, 6, \dots, 20, 2$; v obratnem redu; izven vrste.

Na pr.: $6 = . \times 2, 6 = 3 \times 2, 2 v 6 = 3$ krat.

3. 2 Din (dm, l, . . .) v 2 Din, 4 Din, . . ., 20 Din (dm, l, . . .); v obratnem redu; izven vrste.

(Merjenje s številom 3.)



$$3 \times 2 \times 3 =$$

$$3 \times 3 \times 3 =$$

$$3 \times 4 \times 3 =$$

$$3 \times 5 \times 3,$$

$$6 \times 3,$$

$$1 \times 3.$$

2. $3 \times 6, 9, 12, 15, 18, 3$; v obratnem redu; izven vrste.

Na pr. $3 \times 12 =, 12 = . \times 3, 12 = 4 \times 3, 3 \times 12 = 4$ krat.

3. 3 Din, (m, kg, \dots) $\times 3, 6, \dots, 18$ Din, (m, kg, \dots); v obratnem redu; izven vrste.

(Deljenje s številom 2.)

Pojem polovica. Napisovanje. Čitanje.



1 cela krožna plošča — 1 polovica krožne plošče.

1 cel hleb, 1 celo jabolko, ... 1 cel m, dm, l, \dots

1 polovica hleba, jabolka, m, dm, l, \dots

$\frac{1}{2}$ celota na 2 enaka dela razrezana, razdeljena ... $\frac{1}{2}$ (ena polovica).

2 polovici ... $\frac{2}{2}$, 3 polovice ... $\frac{3}{2}, \dots$

a) Napiši: 1 polovica, 2 polovici, 3 polovice, ... m, dm, l, \dots !

b) Čitaj: $\frac{1}{2} m, \frac{1}{2} dm, \dots \frac{2}{2} l, \frac{3}{2}$ ure, ... !

c) Koliko polovic $1 m, 1 dm, 1 l, \dots$ moraš vzeti, da dobiš 1 celoto m, dm, l, \dots ?

Deljenje števil 2, 4, 6, ... 20 s številom 2.

Ponovi:

a) $2 \times 1, 2 \times 2, 2 \times 3, \dots 2 \times 10$; v obratnem redu; izven vrste!

b) $2 \times . = 2, 2 \times . = 4, \dots 2 \times . = 20$; obratnem redu; izven vrste!

$$1. -\bullet-\bullet-\frac{1}{2} \text{ od } 2 \times 2 = -\bullet-\bullet-\frac{1}{2} \text{ od } 2 \times 3 = -\bullet-\bullet-\frac{1}{2} \text{ od } 2 \times 4 =$$



$\frac{1}{2}$ od $2 \times 5, \text{ od } 2 \times 6, \text{ od } 2 \times 7, \text{ od } 2 \times 8, \text{ od } 2 \times 9, \text{ od } 2 \times 10$,
od 2×1 ; v obratnem redu; izven vrste.

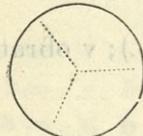
2. $\frac{1}{2}$ od 2, 4, 6, . . . , 20; v obratnem redu; izven vrste!

Na pr. $\frac{1}{2}$ od 8 =, $8 = 2 \times \dots$, $8 = 2 \times 4$, $\frac{1}{2}$ od 8 = 4.

3. $\frac{1}{2}$ od 2 Din, (dm, l, . . .), od 4, 6, . . . 20 Din, (dm, l, . . .); v obratnem redu; izven vrste.

(Deljenje s številom 3.)

Pojem tretjina. Napisovanje. Čitanje.



- a) Razdeli na 3 enake dele krožno ploščo, 1 m, 1 dm, daljico na tabli!
b) Imenuj in pokaži 1, 2, 3 tretjine krožne plošče, (m, dm, daljice)!

c) Kako dobiš 3, 4, 5, . . . tretjin krožne plošče, m, dm, daljice?

č) Napiši 1 tretjino dm, 2 tretjini kg, 3 tretjine l, . . . !

d) Čitaj $\frac{1}{3} dm$, $\frac{2}{3} dm$, $\frac{3}{3} kg$, $\frac{4}{3} l$, . . . !

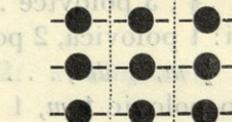
Koliko tretjin 1 m, 1 dm, 1 l, . . . moraš vzeti, da dobiš 1 celoto m, dm, l, . . . ?

Deljenje števil 3, 6, 9, 12, 15, 18, s številom 3.

$$1. -\bullet-\bullet-\bullet-\frac{1}{3} \text{ od } 3 \times 2 =$$



$$-\bullet-\bullet-\bullet-\frac{1}{3} \text{ od } 3 \times 4 =$$



$\frac{1}{3}$ od 3×3 , 3×5 , 3×6 , 3×1 ; v obratnem redu; izven vrste.

2. $\frac{1}{3}$ od 3, 6, 9, 12, 15, 18; v obratnem redu; izven vrste.

Na pr. $\frac{1}{3}$ od 12 =, $12 = 3 \times \dots$, $12 = 3 \times 4$, $\frac{1}{3}$ od 12 = 4.

3. $\frac{1}{3}$ od 3 Din (dm, l, . . .), od 6, 9, . . . 18 Din (dm, l, . . .); v obratnem redu; izven vrste.

Merjenje in deljenje s številom 4.

Pojem četrtina. Napisovanje. Čitanje.

a) Razdeli krožno ploščo (m, dm, l, dano daljico) na 4 enake dele!

b) Imenuj in pokaži 1 četrtino, 2, 3, 4 četrtine krožne plošče (m , dm , l , daljice)!

c) Kako dobiš 2, 3, 4, 5, . . . četrtin krožne plošče (m , dm , daljice)?

č) napiši 1 četrtino m , 2 četrtini ure, 3 četrtine (m , . . .)!

d) Čitaj $\frac{1}{4} dm$, $\frac{1}{4} l$, $\frac{1}{4} kg$, . . . !

Koliko četrtin moraš vzeti, da dobiš celoto?

Merjenje in deljenje števil 4, 8, 12, 16, 20 s številom 4.

Ponovi:

a) 1×4 , 2×4 , . . . 5×4 ;

b) 4×1 , 4×2 , . . . 4×5 ;

c) $4 = . \times 4$, $8 = . \times 4$, . . . $20 = . \times 4$;

č) $4 = 4 \times .$, $8 = 4 \times .$, . . . $20 = 4 \times .$

a), b), c), č), tudi v obratnem redu in izven vrste.

Merjenje:

$$\begin{array}{ll} 1. \quad 4 \text{ v } 1 \times 4 = & \bullet - \bullet - \bullet - \\ \text{v } 2 \times 4 = & \bullet - \bullet - \bullet - \\ \text{v } 3 \times 4 = & \bullet - \bullet - \bullet - \\ \text{v } 4 \times 4 = & \bullet - \bullet - \bullet - \\ \text{v } 5 \times 4 = & \bullet - \bullet - \bullet - \end{array}$$

Deljenje:

$$\begin{array}{ll} \text{od } 4 \times 1 = & \\ \text{od } 4 \times 2 = & \\ \text{od } 4 \times 3 = & \\ \text{od } 4 \times 4 = & \\ \text{od } 5 \times 4 = & \end{array}$$

Merjenje in deljenje tudi v obratnem redu in izven vrste.

2. $4 \text{ v } 4$, 8 , 12 , 16 , 20 ; v obratnem redu; izven vrste.

Na pr. $4 \text{ v } 12 =$; $12 = . \times 4$; $12 = 3 \times 4$, $4 \text{ v } 12 = 3$ krat.

3. $4 \text{ Din } (dm, kg, \dots)$ v 4 , 8 , . . . $20 \text{ Din } (dm, kg, \dots)$; v obratnem redu; izven vrste.

4. $\frac{1}{4}$ od 4 , 8 , 12 , 16 , 20 ; v obratnem redu; izven vrste.

Na pr. $\frac{1}{4}$ od $12 =$, $12 = 4 \times .$, $12 = 4 \times 3$, $\frac{1}{4}$ od $12 = 3$.

5. $\frac{1}{4}$ od $4 \text{ Din } (dm, kg, \dots)$ od 8 , 12 , . . . $20 \text{ Din } (dm, kg, \dots)$; v obratnem redu izven vrste.

1. Povej, kaj pomeni in napiši s številkami:

a) Ena polovica (dve, tri, . . . polovice) Din, m, dm, l, kg ;

b) ena četrtina (dve, tri, . . . četrtine) m, l, kg, ure, \dots !

2. Čitaj in povej, kaj pomeni:

a) $\frac{1}{2} \text{ Din}$, $\frac{2}{2} \text{ m}$, $\frac{3}{2} \text{ dm}$, $\frac{4}{2} \text{ kg}$, ... ;

b) $\frac{1}{4} \text{ m}$, $\frac{2}{4} \text{ kg}$, $\frac{3}{4} \text{ dm}$, $\frac{3}{4} \text{ ure}$, $\frac{5}{4} \text{ ure}$, ... !

3. Kolikokrat sta 2 Din , v $6, 12, 14, 8, 20, 10, 8, 2 \text{ Din}$?

4. Kolikokrat moraš potegniti po 3 kroglice, da imaš nastavljenih $6, 12, 18, 3, 9, 15$ kroglic?

5. Koliko kupčkov po 4 orehe narediš iz 12 orehov (8, 20, 16 orehov)?

6. a) Razdeli 12 cm , dolgo daljico na 2, 3, 4, enake dele;

b) razreži 18 cm dolgo nit na 3 enake dele!

Definicije:

$$= \frac{1}{2} \times 1 = \frac{1}{2}$$

$$= \frac{1}{3} \times 2 = \frac{2}{3}$$

$$= \frac{1}{4} \times 3 = \frac{3}{4}$$

$$= \frac{1}{5} \times 4 = \frac{4}{5}$$

$$= \frac{1}{6} \times 5 = \frac{5}{6}$$

Definicije:

$$= \frac{1}{2} \times 1 = \frac{1}{2}$$

$$= \frac{1}{3} \times 2 = \frac{2}{3}$$

$$= \frac{1}{4} \times 3 = \frac{3}{4}$$

$$= \frac{1}{5} \times 4 = \frac{4}{5}$$

$$= \frac{1}{6} \times 5 = \frac{5}{6}$$

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