

Prva
R A Č U N I C A .

Spisal

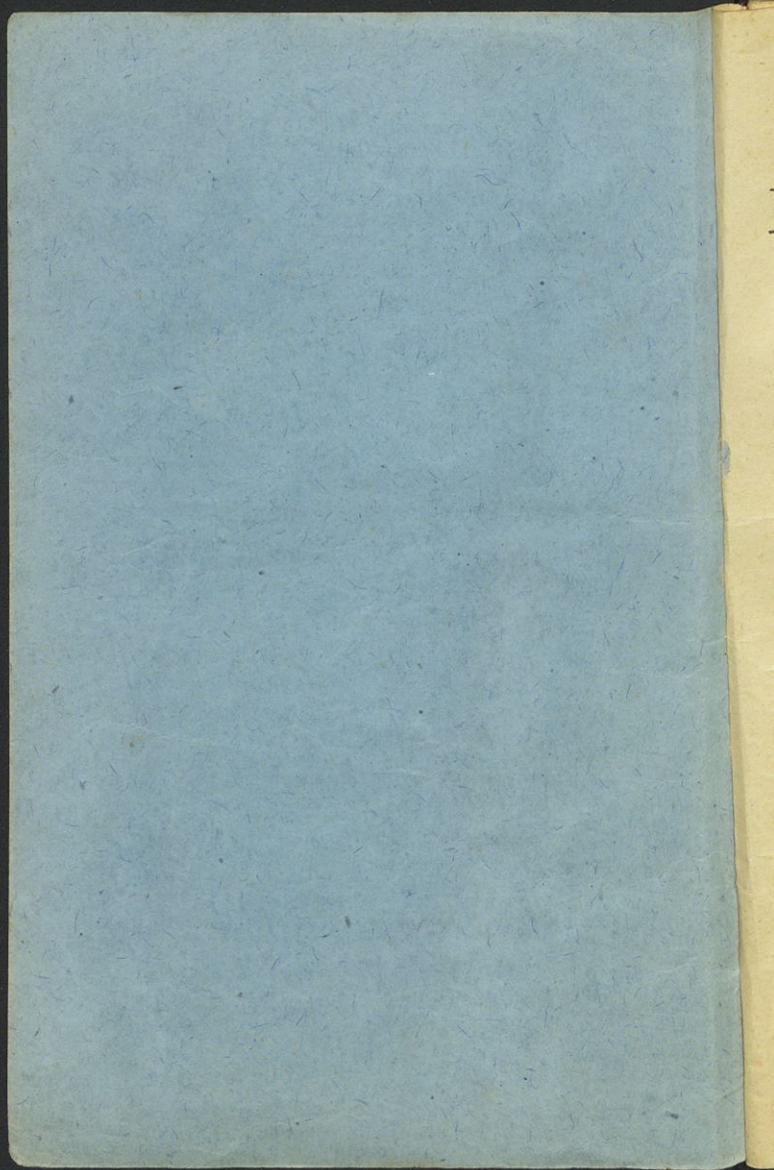
Dr. Franjo vitez Močnik.



Veljá 8 kr.

Na Dunaji.

V cesarski kraljevski zalogi šolskih knjig.



26

2502

TK

Prva

RAČUNICA

za

občne ljudske šole.

Spisal

Dr. Franjo vitez Močnik.

(Tiskana brez premene kakor l. 1892.)



Veljá 8 kr. "



Na Dunaji.

V cesarski kraljevski zalogi šolskih knjig.

1893.

573457

Šolske knjige, v ces. kr. zalogi šolskih knjig na svetlo
dane, ne smejo draže prodajati se, kot je na čelni strani
postavljeno.

11.01.2006



N 200600571

Prvi razdelek.

Številni prostor od jedne do deset.

Števila od jedne do pet.

(Vzobrazovanje, prištevanje in odštevanje.)

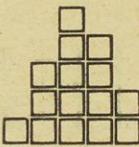
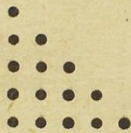
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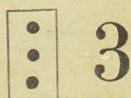
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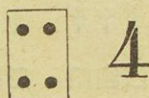


$$\boxed{\begin{array}{|c|c|} \hline \bullet & \bullet \\ \hline \end{array}} \quad 1 + 1 = \quad | \quad 2 - 1 = \quad | \quad 2 = 1 + .$$



$$\boxed{\begin{array}{|c|c|} \hline \bullet & \bullet \\ \hline \end{array}} \quad \begin{array}{l} 2 + 1 = \\ 1 + 2 = \end{array} \quad | \quad \begin{array}{l} 3 - 1 = \\ 3 - 2 = \end{array} \quad | \quad \begin{array}{l} 3 = 2 + . \\ 3 = 1 + . \end{array}$$

$$\begin{array}{l} 1 + 1 = \\ 2 + 1 = \\ 1 + 2 = \end{array} \quad | \quad \begin{array}{l} 3 - 1 = \\ 2 - 1 = \\ 3 - 2 = \end{array} \quad | \quad \begin{array}{l} 2 = 1 + . \\ 3 = 1 + . \\ 3 = 2 + . \end{array} \quad | \quad \begin{array}{l} 2 + . = 3 \\ 1 + . = 2 \\ 1 + . = 3 \end{array}$$



$$\boxed{\begin{array}{|c|c|} \hline \bullet & \bullet \\ \hline \end{array}} \quad \begin{array}{l} 3 + 1 = \\ 1 + 3 = \end{array} \quad | \quad \begin{array}{l} 4 - 1 = \\ 4 - 3 = \end{array} \quad | \quad \begin{array}{l} 4 = 3 + . \\ 4 = 1 + . \end{array}$$

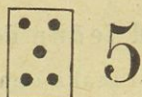
$$\boxed{\begin{array}{|c|c|} \hline \bullet & \bullet \\ \hline \end{array}} \quad 2 + 2 = \quad | \quad 4 - 2 = \quad | \quad 4 = 2 + .$$

1.

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

2.

$$\begin{array}{l} 2 = 1 + . \\ 3 = 2 + . \\ 4 = 3 + . \end{array} \quad | \quad \begin{array}{l} 3 = 1 + . \\ 4 = 2 + . \\ 4 = 1 + . \end{array} \quad | \quad \begin{array}{l} 2 + . = 3 \\ 3 + . = 4 \\ 2 + . = 4 \end{array}$$



$$\begin{array}{|c|c|} \hline \cdot & \cdot \\ \hline \cdot & \cdot \\ \hline \cdot & \cdot \\ \hline \end{array} \quad \begin{array}{l} 4 + 1 = \\ 1 + 4 = \end{array} \quad \begin{array}{l} 5 - 1 = \\ 5 - 4 = \end{array} \quad \begin{array}{l} 5 = 4 + \cdot \\ 5 = 1 + \cdot \end{array}$$

$$\begin{array}{|c|c|} \hline \cdot & \cdot \\ \hline \cdot & \cdot \\ \hline \end{array} \quad \begin{array}{l} 3 + 2 = \\ 2 + 3 = \end{array} \quad \begin{array}{l} 5 - 2 = \\ 5 - 3 = \end{array} \quad \begin{array}{l} 5 = 3 + \cdot \\ 5 = 2 + \cdot \end{array}$$

1.

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

2.

$$\begin{array}{l} 2 - 1 = \\ 3 - 1 = \\ 4 - 1 = \end{array} \quad \begin{array}{l} 5 - 1 = \\ 3 - 2 = \\ 5 - 2 = \end{array} \quad \begin{array}{l} 4 - 2 = \\ 4 - 3 = \\ 5 - 3 = \end{array} \quad \begin{array}{l} 5 - 4 = \\ 3 - 2 = \\ 4 - 1 = \end{array}$$

3.

$$\begin{array}{l} 2 = 1 + \cdot \\ 5 = 4 + \cdot \\ 4 = 2 + \cdot \\ 5 = 1 + \cdot \end{array} \quad \begin{array}{l} 3 + \cdot = 4 \\ 2 + \cdot = 3 \\ 1 + \cdot = 3 \\ 3 + \cdot = 5 \end{array} \quad \begin{array}{l} 2 + \cdot = 4 \\ 1 + \cdot = 4 \\ 2 + \cdot = 5 \\ 1 + \cdot = 5 \end{array}$$

4.

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

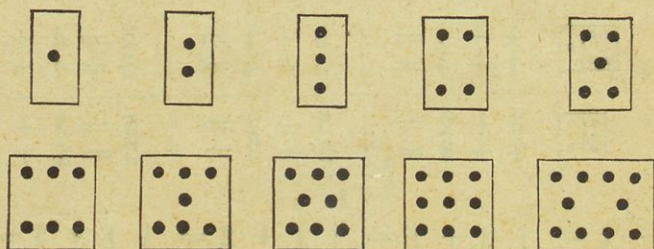
5.

$$\begin{array}{l} 3 - 1 - 1 = \\ 5 - 1 - 1 = \\ 4 - 1 - 2 = \\ 4 - 2 - 1 = \end{array} \quad \begin{array}{l} 5 - 1 - 2 = \\ 5 - 1 - 3 = \\ 5 - 2 - 2 = \\ 5 - 3 - 1 = \end{array} \quad \begin{array}{l} 5 - 3 + 1 = \\ 4 - 2 + 3 = \\ 2 - 1 + 4 = \\ 5 - 4 + 2 = \end{array}$$



Števila od jedne do deset.

(Vsestranska obravnava.)



1

2



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

$$\begin{array}{l} 2 \times 1 = \\ 1 \vee 2 = \\ \frac{1}{2} \text{ od } 2 = \end{array}$$

3



$$1 + 1 + 1 =$$

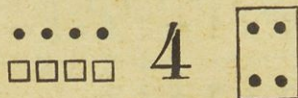
$$\begin{array}{l} 3 \times 1 = \\ 1 \vee 3 = \\ \frac{1}{3} \text{ od } 3 = \end{array}$$





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


$$\begin{array}{l} 3 = 2 + . \\ 3 = 1 + . \\ 2 \vee 3 = 1 \quad (1) \end{array}$$

$2 + 1 =$	$3 - 1 =$	$3 \times 1 =$	$1 \vee 3 =$
$1 + 1 =$	$3 - 2 =$	$2 \times 1 =$	$1 \vee 2 =$
$1 + 2 =$	$2 = 1 + .$	$1 \times 1 =$	$1/2 \text{ od } 2 =$
$2 - 1 =$	$3 = 1 + .$	$1 \times 3 =$	$1/3 \text{ od } 3 =$



	$1 + 1 + 1 + 1 =$	$4 \times 1 =$
		$1 \vee 4 =$
		$1/4 \text{ od } 4 =$

	$2 + 2 =$	$2 \times 2 =$
	$4 - 2 =$	$2 \vee 4 =$
	$4 = 2 + .$	$1/2 \text{ od } 4 =$

	$3 + 1 =$	$4 = 3 + .$
	$1 + 3 =$	$4 = 1 + .$
	$4 - 1 =$	$1 \times 3 + 1 =$
	$4 - 3 =$	$3 \vee 4 =$

1.

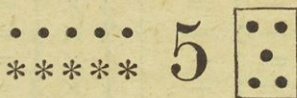
$2 + 1 =$	$1 + 2 =$	$4 - 1 =$	$3 - 2 =$
$3 + 1 =$	$2 + 2 =$	$4 - 2 =$	$3 - 3 =$
$1 + 1 =$	$2 - 1 =$	$4 - 3 =$	$1 - 1 =$
$1 + 3 =$	$3 - 1 =$	$4 - 4 = 0$	$2 - 2 =$

2.

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

3.

$2 \times 1 =$	$2 \vee 4 =$	$1/2 \text{ od } 2 =$
$4 \times 1 =$	$1 \vee 3 =$	$1/2 \text{ od } 4 =$
$1 \times 4 =$	$1 \vee 4 =$	$1/3 \text{ od } 3 =$
$2 \times 2 =$	$2 \vee 3 =$	$1/4 \text{ od } 4 =$



$$5 \times 1 = 1 + 1 + 1 + 1 + 1 = 1 \vee 5 = 1 \frac{1}{5} \text{ od } 5 =$$



$$\frac{2 + 2 + 1 =}{2 \times 2 + 1 =} \quad | \quad 2 \vee 5 =$$



$$\begin{array}{l} 3 + 2 = \\ 2 + 3 = \\ 5 - 2 = \\ 5 - 3 = \end{array} \quad | \quad \begin{array}{l} 5 = 3 + . \\ 5 = 2 + . \\ 1 \times 3 + 2 = \\ 3 \vee 5 = \end{array}$$



$$\begin{array}{l} 4 + 1 = \\ 1 + 4 = \\ 5 - 1 = \\ 5 - 4 = \end{array} \quad | \quad \begin{array}{l} 5 = 4 + . \\ 5 = 1 + . \\ 1 \times 4 + 1 = \\ 4 \vee 5 = \end{array}$$

1.

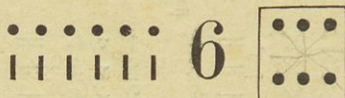
1 + 1 =	5 - 1 =	1 + 2 =	4 - 2 =
3 + 1 =	4 - 1 =	3 + 2 =	5 - 2 =
2 + 1 =	2 - 1 =	2 + 2 =	4 - 3 =
4 + 1 =	3 - 1 =	1 + 3 =	5 - 5 =
1 + 4 =	1 - 1 =	2 + 3 =	5 - 3 =


2.


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


3.


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




	$6 \times 1 =$	$1 + 1 + 1 + 1 + 1 + 1 =$	$1 \vee 6 =$	$1/6 \text{ od } 6 =$
-----------------------------------------------------------------------------------	----------------	---------------------------	--------------	-----------------------

	$2 + 2 + 2 =$	$3 \times 2 =$	$2 \vee 6 =$	$1/3 \text{ od } 6 =$
-----------------------------------------------------------------------------------	---------------	----------------	--------------	-----------------------

	$3 + 3 =$	$6 - 3 =$	$6 = 3 + .$	$2 \times 3 =$	$3 \vee 6 =$	$1/2 \text{ od } 6 =$
-----------------------------------------------------------------------------------	-----------	-----------	-------------	----------------	--------------	-----------------------

	$4 + 2 =$	$2 + 4 =$	$6 - 2 =$	$6 - 4 =$	$6 = 4 + .$	$6 = 2 + .$	$1 \times 4 + 2 =$	$4 \vee 6 =$
-----------------------------------------------------------------------------------	-----------	-----------	-----------	-----------	-------------	-------------	--------------------	--------------

	$5 + 1 =$	$1 + 5 =$	$6 - 1 =$	$6 - 5 =$	$6 = 5 + .$	$6 = 1 + .$	$1 \times 5 + 1 =$	$5 \vee 6 =$
-----------------------------------------------------------------------------------	-----------	-----------	-----------	-----------	-------------	-------------	--------------------	--------------

1.

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

2.

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

3.

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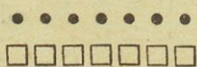
4.

$3 \times 2 =$	$2 \times 3 =$	$2 \times 4 =$	$1 \vee 6 =$	$\frac{1}{2} \text{ od } 6 =$
$2 \times 3 =$	$2 \times 3 =$	$2 \times 6 =$	$2 \vee 4 =$	$\frac{1}{2} \text{ od } 4 =$
$2 \times 2 =$	$3 \times 3 =$	$3 \times 3 =$	$2 \vee 6 =$	$\frac{1}{3} \text{ od } 6 =$
$6 \times 1 =$	$3 \times 6 =$	$3 \times 6 =$	$3 \vee 6 =$	$\frac{1}{6} \text{ od } 6 =$

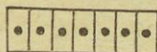
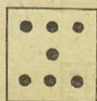
5. ✂

$3 \times 1 + 2 =$	$2 \times 2 + 2 =$	$\frac{1}{2} \text{ od } 2 + 4 =$
$2 \times 3 - 4 =$	$6 \times 1 - 5 =$	$\frac{1}{3} \text{ od } 6 - 2 =$
$1 \times 5 - 3 =$	$3 \times 2 - 1 =$	$\frac{1}{2} \text{ od } 6 + 3 =$

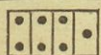
19/6. ✂



7



$$7 \times 1 = \quad | \quad 1 \vee 7 = \quad | \quad \frac{1}{7} \text{ od } 7 =$$



$$2+2+2+1 = \quad | \quad 2 \vee 7 =$$

$$3 \times 2 + 1 =$$



$$3 + 3 + 1 = \quad | \quad 3 \vee 7 =$$

$$2 \times 3 + 1 = \quad \text{✂}$$



$4 + 3 =$	$7 = 4 + .$
$3 + 4 =$	$7 = 3 + .$
$7 - 3 =$	$1 \times 4 + 3 =$
$7 - 4 =$	$4 \vee 7 =$



$5 + 2 =$	$7 = 5 + .$
$2 + 5 =$	$7 = 2 + .$
$7 - 2 =$	$1 \times 5 + 2 =$
$7 - 5 =$	$5 \vee 7 =$



$6 + 1 =$	$7 = 6 + .$
$1 + 6 =$	$7 = 1 + .$
$7 - 1 =$	$1 \times 6 + 1 =$
$7 - 6 =$	$6 \vee 7 =$

1.

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

✦ 2.

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

3.

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

4.

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

5.

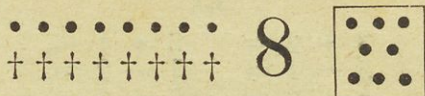
1 × 2 =	6 = 3 × .	2 v 4 =	1/2 od 4 =
2 × 2 =	4 = 2 × .	2 v 6 =	1/2 od 6 =
3 × 2 =	2 = 1 × .	3 v 6 =	1/3 od 3 =
2 × 3 =	6 = 2 × .	4 v 7 =	1/3 od 6 =
7 × 1 =	7 = 1 × .	5 v 7 =	1/4 od 4 =

6.


1 × 5 + 2 =	1 × 6 - 4 =	1/2 od 4 + 4 =
2 × 3 - 3 =	4 × 1 + 3 =	1/2 od 6 - 3 =
3 × 2 + 1 =	1 × 1 + 5 =	1/3 od 6 + 5 =
7 × 1 - 4 =	7 × 1 - 7 =	1/4 od 4 + 4 =

2*

23/6.




$$1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = 8 \times 1 = \quad | \quad 1 \vee 8 = \quad | \quad 1/8 \text{ od } 8 =$$




$$2 + 2 + 2 + 2 = \quad | \quad 2 \vee 8 =$$

$$4 \times 2 = \quad | \quad 1/4 \text{ od } 8 =$$



$$3 + 3 + 2 = \quad | \quad 3 \vee 8 =$$


$$2 \times 3 + 2 =$$



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

$$8 - 4 = \quad | \quad 4 \vee 8 =$$

$$8 = 4 + \quad | \quad 1/2 \text{ od } 8 =$$




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

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

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

$$8 - 5 = \quad | \quad 5 \vee 8 =$$




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

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

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

$$8 - 6 = \quad | \quad 6 \vee 8 =$$



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

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

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

$$8 - 7 = \quad | \quad 7 \vee 8 =$$

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

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

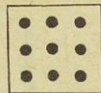
8.

2 × 2 + 4 =	2 × 4 - 5 =	1/2 od 4 + 5 =
3 × 2 + 1 =	2 × 3 - 2 =	1/3 od 6 + 6 =
4 × 1 + 3 =	7 × 1 - 4 =	1/2 od 8 - 3 =

b/y.

•••••

9



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

$$9 \times 1 = \quad | \quad 1 \vee 9 = \quad | \quad 1/9 \text{ od } 9 =$$



$$2 + 2 + 2 + 2 + 1 = \quad | \quad 2 \vee 9 =$$

$$4 \times 2 + 1 =$$



$$3 + 3 + 3 = \quad | \quad 3 \vee 9 =$$

$$3 \times 3 = \quad | \quad 1/3 \text{ od } 9 =$$



$$4 + 4 + 1 = \quad | \quad 4 \vee 9 =$$

$$2 \times 4 + 1 =$$



$$5 + 4 = \quad | \quad 9 = 5 + .$$

$$4 + 5 = \quad | \quad 9 = 4 + .$$

$$9 - 4 = \quad | \quad 1 \times 5 + 4 =$$

$$9 - 5 = \quad | \quad 5 \vee 9 =$$



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

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

$$9 - 3 = \quad | \quad 1 \times 6 + 3 =$$

$$9 - 6 = \quad | \quad 6 \vee 9 =$$



$$7 + 2 = \quad | \quad 9 = 7 + .$$

$$2 + 7 = \quad | \quad 9 = 2 + .$$

$$9 - 2 = \quad | \quad 1 \times 7 + 2 =$$

$$9 - 7 = \quad | \quad 7 \vee 9 =$$



$$8 + 1 = \quad | \quad 9 = 8 + .$$

$$1 + 8 = \quad | \quad 9 = 1 + .$$

$$9 - 1 = \quad | \quad 1 \times 8 + 1 =$$

$$9 - 8 = \quad | \quad 8 \vee 9 =$$

1.

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

2.

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

3.

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

4.

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

5.

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

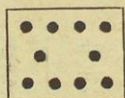
6.

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

7.

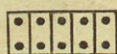
8 = 2 × .	. × 2 = 4	2 × 3 + 1 =
6 = 3 × .	. × 4 = 8	3 × 3 - 7 =
9 = 3 × .	. × 2 = 6	1/2 od 8 + 5 =
6 = 2 × .	. × 1 = 9	1/3 od 9 - 2 =

•••••••••• 10



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

$$10 \times 1 = \quad | \quad 1 \vee 10 = \quad | \quad 1/10 \text{ od } 10 =$$



$$2 + 2 + 2 + 2 + 2 = \quad | \quad 2 \vee 10 =$$

$$5 \times 2 = \quad | \quad 1/5 \text{ od } 10 =$$



$$3 + 3 + 3 + 1 = \quad | \quad 3 \vee 10 =$$

$$3 \times 3 + 1 = \quad |$$



$$4 + 4 + 2 = \quad | \quad 4 \vee 10 =$$

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



$$5 + 5 = \quad | \quad 2 \times 5 =$$

$$10 - 5 = \quad | \quad 5 \vee 10 =$$

$$10 = 5 + \quad | \quad 1/2 \text{ od } 10 =$$



$$6 + 4 = \quad | \quad 10 = 6 + \quad .$$

$$4 + 6 = \quad | \quad 10 = 4 + \quad .$$

$$10 - 4 = \quad | \quad 1 \times 6 + 4 =$$

$$10 - 6 = \quad | \quad 6 \vee 10 =$$



$$7 + 3 = \quad | \quad 10 = 7 + \quad .$$

$$3 + 7 = \quad | \quad 10 = 3 + \quad .$$

$$10 - 3 = \quad | \quad 1 \times 7 + 3 =$$

$$10 - 7 = \quad | \quad 7 \vee 10 =$$



$$8 + 2 = \quad | \quad 10 = 8 + \quad .$$

$$2 + 8 = \quad | \quad 10 = 2 + \quad .$$

$$10 - 2 = \quad | \quad 1 \times 8 + 2 =$$

$$10 - 8 = \quad | \quad 8 \vee 10 =$$



$$9 + 1 = \quad | \quad 10 = 9 + \quad .$$

$$1 + 9 = \quad | \quad 10 = 1 + \quad .$$

$$10 - 1 = \quad | \quad 1 \times 9 + 1 =$$

$$10 - 9 = \quad | \quad 9 \vee 10 =$$

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

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

8.

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

9.

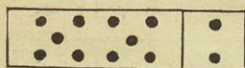
2 × 3 + 4 =	3 × 2 + 4 =	1/4 od 8 + 7 =
3 × 1 + 5 =	3 × 2 - 4 =	1/5 od 10 + 6 =
2 × 2 + 6 =	2 × 2 + 2 =	1/2 od 6 - 3 =
5 × 2 - 7 =	2 × 2 - 2 =	1/2 od 10 - 4 =
2 × 4 - 5 =	3 × 3 + 1 =	1/3 od 9 - 2 =
2 × 5 - 6 =	3 × 3 - 1 =	1/2 od 8 - 3 =

Drugi razdelek.

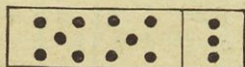
Številni prostor od najst do dvajset.



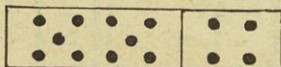
$$10 + 1 = 11$$



$$10 + 2 = 12$$



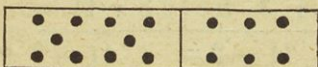
$$10 + 3 = 13$$



$$10 + 4 = 14$$



$$10 + 5 = 15$$



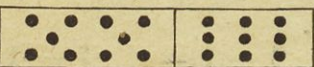
$$10 + 6 = 16$$



$$10 + 7 = 17$$



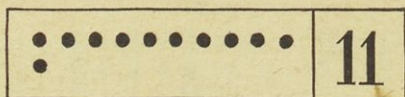
$$10 + 8 = 18$$



$$10 + 9 = 19$$



$$10 + 10 = 20$$



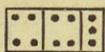
$$11 \times 1 = \quad | \quad 1 \vee 11 =$$



$$5 \times 2 + 1 = \quad | \quad 2 \vee 11 =$$



$$3 \times 3 + 2 = \quad | \quad 3 \vee 11 =$$



$$2 \times 4 + 3 = \quad | \quad 4 \vee 11 =$$



$$2 \times 5 + 1 = \quad | \quad 5 \vee 11 =$$



$$\begin{array}{l} 6 + 5 = \quad | \quad 11 - 5 = \quad | \quad 11 = 6 + . \\ 5 + 6 = \quad | \quad 11 - 6 = \quad | \quad 11 = 5 + . \\ 1 \times 6 + 5 = \quad | \quad 6 \vee 11 = \end{array}$$



$$\begin{array}{l} 7 + 4 = \quad | \quad 11 - 4 = \quad | \quad 11 = 7 + . \\ 4 + 7 = \quad | \quad 11 - 7 = \quad | \quad 11 = 4 + . \\ 1 \times 7 + 4 = \quad | \quad 7 \vee 11 = \end{array}$$



$$\begin{array}{l} 8 + 3 = \quad | \quad 11 - 3 = \quad | \quad 11 = 8 + . \\ 3 + 8 = \quad | \quad 11 - 8 = \quad | \quad 11 = 3 + . \\ 1 \times 8 + 3 = \quad | \quad 8 \vee 11 = \end{array}$$



$$\begin{array}{l} 9 + 2 = \quad | \quad 11 - 2 = \quad | \quad 11 = 9 + . \\ 2 + 9 = \quad | \quad 11 - 9 = \quad | \quad 11 = 2 + . \\ 1 \times 9 + 2 = \quad | \quad 9 \vee 11 = \end{array}$$



$$\begin{array}{l} 10 + 1 = \quad | \quad 11 - 1 = \quad | \quad 11 = 10 + . \\ 1 + 10 = \quad | \quad 11 - 10 = \quad | \quad 11 = 1 + . \\ 1 \times 10 + 1 = \quad | \quad 10 \vee 11 = \end{array}$$

1.

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

2.

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

3.

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

4.

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

5.

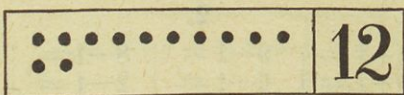
$5 \times 2 =$	$4 \times 1 =$	$6 = . \times 3$	$2 \times 4 + 3 =$
$2 \times 4 =$	$3 \times 2 =$	$8 = . \times 2$	$3 \times 2 + 5 =$
$3 \times 3 =$	$1 \times 9 =$	$10 = . \times 5$	$1 \times 5 + 4 =$
$4 \times 2 =$	$2 \times 2 =$	$9 = 3 \times .$	$5 \times 2 - 7 =$
$2 \times 3 =$	$2 \times 5 =$	$4 = 4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

6.

$2 \vee 10 =$	$4 \vee 4 =$	$2 \vee 5 =$	$4 \vee 6 =$	$7 \vee 10 =$
$2 \vee 6 =$	$4 \vee 8 =$	$2 \vee 9 =$	$4 \vee 11 =$	$8 \vee 9 =$
$2 \vee 8 =$	$5 \vee 10 =$	$2 \vee 11 =$	$5 \vee 7 =$	$8 \vee 11 =$
$3 \vee 9 =$	$6 \vee 6 =$	$3 \vee 8 =$	$5 \vee 11 =$	$9 \vee 10 =$
$3 \vee 6 =$	$9 \vee 9 =$	$3 \vee 11 =$	$6 \vee 11 =$	$9 \vee 11 =$

7.

$\frac{1}{2}$ od 6 =	$\frac{1}{2}$ od 2 =	$\frac{1}{4}$ od 8 =	$\frac{1}{6}$ od 6 =
$\frac{1}{2}$ od 10 =	$\frac{1}{3}$ od 9 =	$\frac{1}{4}$ od 4 =	$\frac{1}{8}$ od 8 =
$\frac{1}{2}$ od 4 =	$\frac{1}{3}$ od 3 =	$\frac{1}{5}$ od 5 =	$\frac{1}{9}$ od 9 =
$\frac{1}{2}$ od 8 =	$\frac{1}{3}$ od 6 =	$\frac{1}{5}$ od 10 =	$\frac{1}{10}$ od 10 =



$$12 \times 1 = \quad | \quad 1 \vee 12 =$$



$$6 \times 2 = \quad | \quad 2 \vee 12 = \quad | \quad \frac{1}{6} \text{ od } 12 =$$



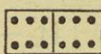
$$4 \times 3 = \quad | \quad 3 \vee 12 = \quad | \quad \frac{1}{4} \text{ od } 12 =$$



$$3 \times 4 = \quad | \quad 4 \vee 12 = \quad | \quad \frac{1}{3} \text{ od } 12 =$$



$$2 \times 5 + 2 = \quad | \quad 5 \vee 12 =$$



$$6 + 6 = \quad | \quad 12 - 6 = \quad | \quad 12 = 6 + .$$

$$2 \times 6 = \quad | \quad 6 \vee 12 = \quad | \quad \frac{1}{2} \text{ od } 12 =$$



$$7 + 5 = \quad | \quad 12 - 5 = \quad | \quad 12 = 7 + .$$

$$5 + 7 = \quad | \quad 12 - 7 = \quad | \quad 12 = 5 + .$$

$$1 \times 7 + 5 = \quad | \quad 7 \vee 12 =$$



$$8 + 4 = \quad | \quad 12 - 4 = \quad | \quad 12 = 8 + .$$

$$4 + 8 = \quad | \quad 12 - 8 = \quad | \quad 12 = 4 + .$$

$$1 \times 8 + 4 = \quad | \quad 8 \vee 12 =$$



$$9 + 3 = \quad | \quad 12 - 3 = \quad | \quad 12 = 9 + .$$

$$3 + 9 = \quad | \quad 12 - 9 = \quad | \quad 12 = 3 + .$$

$$1 \times 9 + 3 = \quad | \quad 9 \vee 12 =$$



$$10 + 2 = \quad | \quad 12 - 2 = \quad | \quad 12 = 10 + .$$

$$2 + 10 = \quad | \quad 12 - 10 = \quad | \quad 12 = 2 + .$$

$$1 \times 10 + 2 = \quad | \quad 10 \vee 12 =$$

1.

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

$$\begin{array}{l} 6 + 2 = \\ 7 + 2 = \\ 8 + 2 = \\ 9 + 2 = \\ 10 + 2 = \end{array}$$

$$\begin{array}{l} 3 - 2 = \\ 4 - 2 = \\ 5 - 2 = \\ 6 - 2 = \\ 7 - 2 = \end{array}$$

$$\begin{array}{l} 8 - 2 = \\ 9 - 2 = \\ 10 - 2 = \\ 11 - 2 = \\ 12 - 2 = \end{array}$$

2.

$$\begin{array}{l} 3 + 2 = \\ 1 + 2 = \\ 9 + 2 = \\ 4 + 2 = \end{array}$$

$$\begin{array}{l} 10 + 2 = \\ 5 + 2 = \\ 8 + 2 = \\ 6 + 2 = \end{array}$$

$$\begin{array}{l} 2 + 2 = \\ 7 + 2 = \\ 9 - 2 = \\ 5 - 2 = \end{array}$$

$$\begin{array}{l} 11 - 2 = \\ 3 - 2 = \\ 7 - 2 = \\ 10 - 2 = \end{array}$$

$$\begin{array}{l} 8 - 2 = \\ 12 - 2 = \\ 6 - 2 = \\ 4 - 2 = \end{array}$$



3.

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

4.

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

5.

$3 \times 4 =$	$2 \times 2 =$	$2 \times 6 =$	$4 \times 3 =$	$6 = . \times 2$
$5 \times 2 =$	$7 \times 1 =$	$3 \times 2 =$	$1 \times 6 =$	$12 = . \times 3$
$2 \times 3 =$	$3 \times 3 =$	$8 \times 1 =$	$9 \times 1 =$	$8 = . \times 2$
$6 \times 2 =$	$2 \times 5 =$	$4 \times 2 =$	$1 \times 10 =$	$10 = 5 \times .$
$2 \times 4 =$	$1 \times 9 =$	$1 \times 7 =$	$3 \times 1 =$	$12 = 2 \times .$

6.

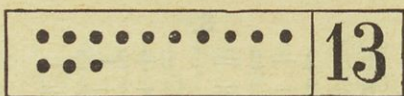
$2 \vee 4 =$	$2 \vee 8 =$	$2 \vee 9 =$	$2 \vee 10 =$	$2 \vee 12 =$
$3 \vee 4 =$	$3 \vee 8 =$	$3 \vee 9 =$	$3 \vee 10 =$	$3 \vee 12 =$
$2 \vee 6 =$	$4 \vee 8 =$	$5 \vee 9 =$	$4 \vee 10 =$	$4 \vee 12 =$
$3 \vee 6 =$	$5 \vee 8 =$	$6 \vee 9 =$	$5 \vee 10 =$	$5 \vee 12 =$
$5 \vee 6 =$	$7 \vee 8 =$	$8 \vee 9 =$	$7 \vee 10 =$	$9 \vee 12 =$

7.

$\frac{1}{2} \text{ od } 6 =$	$\frac{1}{2} \text{ od } 8 =$	$\frac{1}{9} \text{ od } 9 =$	$\frac{1}{2} \text{ od } 12 =$
$\frac{1}{3} \text{ od } 6 =$	$\frac{1}{4} \text{ od } 8 =$	$\frac{1}{2} \text{ od } 10 =$	$\frac{1}{3} \text{ od } 12 =$
$\frac{1}{6} \text{ od } 6 =$	$\frac{1}{8} \text{ od } 8 =$	$\frac{1}{5} \text{ od } 10 =$	$\frac{1}{4} \text{ od } 12 =$
$\frac{1}{7} \text{ od } 7 =$	$\frac{1}{3} \text{ od } 9 =$	$\frac{1}{10} \text{ od } 10 =$	$\frac{1}{6} \text{ od } 12 =$

8.

$2 \times 5 + 2 =$	$5 \times 2 + 1 =$	$\frac{1}{4} \text{ od } 8 + 9 =$
$6 \times 2 - 3 =$	$4 \times 3 - 5 =$	$\frac{1}{2} \text{ od } 10 - 4 =$
$3 \times 3 + 3 =$	$3 \times 2 + 6 =$	$\frac{1}{6} \text{ od } 12 + 5 =$
$3 \times 4 - 4 =$	$2 \times 6 - 7 =$	$\frac{1}{4} \text{ od } 12 - 3 =$



$$13 \times 1 = \quad | \quad 1 \vee 13 =$$



$$6 \times 2 + 1 = \quad | \quad 2 \vee 13 =$$



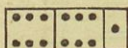
$$4 \times 3 + 1 = \quad | \quad 3 \vee 13 =$$



$$3 \times 4 + 1 = \quad | \quad 4 \vee 13 =$$



$$2 \times 5 + 3 = \quad | \quad 5 \vee 13 =$$



$$2 \times 6 + 1 = \quad | \quad 6 \vee 13 =$$



$$7 + 6 = \quad | \quad 13 - 6 = \quad | \quad 13 = 7 +$$

$$6 + 7 = \quad | \quad 13 - 7 = \quad | \quad 13 = 6 +$$

$$1 \times 7 + 6 = \quad | \quad 7 \vee 13 =$$



$$8 + 5 = \quad | \quad 13 - 5 = \quad | \quad 13 = 8 +$$

$$5 + 8 = \quad | \quad 13 - 8 = \quad | \quad 13 = 5 +$$

$$1 \times 8 + 5 = \quad | \quad 8 \vee 13 =$$



$$9 + 4 = \quad | \quad 13 - 4 = \quad | \quad 13 = 9 +$$

$$4 + 9 = \quad | \quad 13 - 9 = \quad | \quad 13 = 4 +$$

$$1 \times 9 + 4 = \quad | \quad 9 \vee 13 =$$



$$10 + 3 = \quad | \quad 13 - 3 = \quad | \quad 13 = 10 +$$

$$3 + 10 = \quad | \quad 13 - 10 = \quad | \quad 13 = 3 +$$

$$1 \times 10 + 3 = \quad | \quad 10 \vee 13 =$$

1.

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

2.

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

3.

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

4.

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

5.

$3 \times 2 =$	$5 \times 2 =$	$3 \times 4 =$	$2 \times 5 =$	$10 = . \times 5$
$6 \times 2 =$	$3 \times 1 =$	$2 \times 4 =$	$2 \times 6 =$	$6 = . \times 2$
$4 \times 2 =$	$3 \times 3 =$	$4 \times 1 =$	$7 \times 1 =$	$12 = 3 \times .$
$2 \times 2 =$	$3 \times 2 =$	$4 \times 3 =$	$1 \times 9 =$	$8 = 4 \times .$

6.

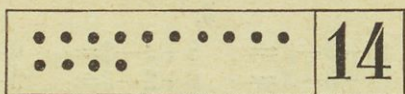
$2 \vee 10 =$	$3 \vee 6 =$	$4 \vee 8 =$	$6 \vee 6 =$
$2 \vee 4 =$	$3 \vee 12 =$	$4 \vee 12 =$	$6 \vee 12 =$
$2 \vee 6 =$	$3 \vee 3 =$	$5 \vee 5 =$	$7 \vee 11 =$
$2 \vee 8 =$	$3 \vee 9 =$	$5 \vee 10 =$	$9 \vee 12 =$

7.

$\frac{1}{2} \text{ od } 10 =$	$\frac{1}{2} \text{ od } 6 =$	$\frac{1}{3} \text{ od } 12 =$	$\frac{1}{5} \text{ od } 10 =$
$\frac{1}{2} \text{ od } 8 =$	$\frac{1}{2} \text{ od } 2 =$	$\frac{1}{4} \text{ od } 4 =$	$\frac{1}{5} \text{ od } 5 =$
$\frac{1}{2} \text{ od } 4 =$	$\frac{1}{3} \text{ od } 9 =$	$\frac{1}{4} \text{ od } 8 =$	$\frac{1}{6} \text{ od } 6 =$
$\frac{1}{2} \text{ od } 12 =$	$\frac{1}{3} \text{ od } 3 =$	$\frac{1}{4} \text{ od } 12 =$	$\frac{1}{6} \text{ od } 12 =$

8.

$2 \times 3 + 7 =$	$2 \times 6 - 5 =$	$\frac{1}{3} \text{ od } 12 + 9 =$
$4 \times 2 + 4 =$	$4 \times 3 - 6 =$	$\frac{1}{2} \text{ od } 12 - 5 =$
$3 \times 3 + 3 =$	$5 \times 2 - 8 =$	$\frac{1}{2} \text{ od } 10 + 7 =$
$2 \times 2 + 9 =$	$2 \times 4 - 3 =$	$\frac{1}{3} \text{ od } 12 - 3 =$



$$14 \times 1 = \quad | \quad 1 \vee 14 =$$



$$7 \times 2 = \quad | \quad 2 \vee 14 = \quad | \quad 1/7 \text{ od } 14 =$$



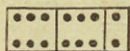
$$4 \times 3 + 2 = \quad | \quad 3 \vee 14 =$$



$$3 \times 4 + 2 = \quad | \quad 4 \vee 14 =$$



$$2 \times 5 + 4 = \quad | \quad 5 \vee 14 =$$



$$2 \times 6 + 2 = \quad | \quad 6 \vee 14 =$$



$$7 + 7 = \quad | \quad 14 - 7 = \quad | \quad 14 = 7 +.$$

$$2 \times 7 = \quad | \quad 7 \vee 14 = \quad | \quad 1/2 \text{ od } 14 =$$



$$8 + 6 = \quad | \quad 14 - 6 = \quad | \quad 14 = 8 +.$$

$$6 + 8 = \quad | \quad 14 - 8 = \quad | \quad 14 = 6 +.$$

$$1 \times 8 + 6 = \quad | \quad 8 \vee 14 =$$



$$9 + 5 = \quad | \quad 14 - 5 = \quad | \quad 14 = 9 +.$$

$$5 + 9 = \quad | \quad 14 - 9 = \quad | \quad 14 = 5 +.$$

$$1 \times 9 + 5 = \quad | \quad 9 \vee 14 =$$



$$10 + 4 = \quad | \quad 14 - 4 = \quad | \quad 14 = 10 +.$$

$$4 + 10 = \quad | \quad 14 - 10 = \quad | \quad 14 = 4 +.$$

$$1 \times 10 + 4 = \quad | \quad 10 \vee 14 =$$

1.

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

2.

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

3.

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

4.

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

5.

$2 \times 4 =$	$2 \times 2 =$	$3 \times 3 =$	$6 \times 1 =$	$12 = . \times 4$
$2 \times 6 =$	$2 \times 5 =$	$4 \times 3 =$	$6 \times 2 =$	$10 = . \times 2$
$2 \times 3 =$	$3 \times 4 =$	$4 \times 2 =$	$7 \times 2 =$	$14 = 2 \times .$
$2 \times 7 =$	$3 \times 2 =$	$5 \times 2 =$	$8 \times 1 =$	$9 = 3 \times .$

6.

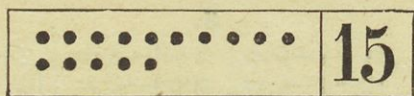
$2 \vee 6 =$	$3 \vee 12 =$	$2 \vee 14 =$	$2 \vee 13 =$
$4 \vee 12 =$	$2 \vee 8 =$	$2 \vee 4 =$	$3 \vee 10 =$
$7 \vee 14 =$	$4 \vee 8 =$	$3 \vee 3 =$	$4 \vee 14 =$
$3 \vee 9 =$	$2 \vee 10 =$	$2 \vee 12 =$	$5 \vee 12 =$
$5 \vee 10 =$	$3 \vee 6 =$	$8 \vee 8 =$	$6 \vee 11 =$

7.

$\frac{1}{3}$ od 6 =	$\frac{1}{8}$ od 8 =	$\frac{1}{3}$ od 12 =	$\frac{1}{2}$ od 10 =
$\frac{1}{5}$ od 10 =	$\frac{1}{6}$ od 12 =	$\frac{1}{7}$ od 14 =	$\frac{1}{4}$ od 8 =
$\frac{1}{4}$ od 12 =	$\frac{1}{3}$ od 9 =	$\frac{1}{4}$ od 4 =	$\frac{1}{6}$ od 6 =
$\frac{1}{2}$ od 14 =	$\frac{1}{2}$ od 4 =	$\frac{1}{2}$ od 8 =	$\frac{1}{2}$ od 12 =

8.

$3 \times 3 + 5 =$	$5 \times 2 + 4 =$	$\frac{1}{7}$ od 14 + 8 =
$2 \times 7 - 6 =$	$2 \times 6 - 9 =$	$\frac{1}{3}$ od 12 - 3 =
$4 \times 2 + 4 =$	$2 \times 2 + 7 =$	$\frac{1}{2}$ od 4 + 5 =
$2 \times 4 - 3 =$	$7 \times 2 - 8 =$	$\frac{1}{2}$ od 14 - 2 =



$$15 \times 1 = \quad | \quad 1 \vee 15 =$$



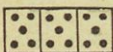
$$7 \times 2 + 1 = \quad | \quad 2 \vee 15 =$$



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



$$3 \times 4 + 3 = \quad | \quad 4 \vee 15 =$$



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



$$2 \times 6 + 3 = \quad | \quad 6 \vee 15 =$$



$$2 \times 7 + 1 = \quad | \quad 7 \vee 15 =$$



$$\begin{array}{l} 8 + 7 = \quad | \quad 15 - 7 = \quad | \quad 15 = 8 + . \\ 7 + 8 = \quad | \quad 15 - 8 = \quad | \quad 15 = 7 + . \\ 1 \times 8 + 7 = \quad | \quad 8 \vee 15 = \end{array}$$



$$\begin{array}{l} 9 + 6 = \quad | \quad 15 - 6 = \quad | \quad 15 = 9 + . \\ 6 + 9 = \quad | \quad 15 - 9 = \quad | \quad 15 = 6 + . \\ 1 \times 9 + 6 = \quad | \quad 9 \vee 15 = \end{array}$$



$$\begin{array}{l} 10 + 5 = \quad | \quad 15 - 5 = \quad | \quad 15 = 10 + . \\ 5 + 10 = \quad | \quad 15 - 10 = \quad | \quad 15 = 5 + . \\ 1 \times 10 + 5 = \quad | \quad 10 \vee 15 = \end{array}$$

1.

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

2.

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

3.

$12 + 3 =$	$11 + 2 =$	$15 - 4 =$	$13 - 1 =$
$\frac{2 + 3 = 5}{10 + 5 = 15}$	$11 + 4 =$	$\frac{5 - 4 = 1}{10 + 1 = 11}$	$14 - 2 =$
$12 + 3 = 15$	$12 + 2 =$	$15 - 4 = 11$	$14 - 3 =$
	$13 + 2 =$		$15 - 1 =$
	$14 + 1 =$		$15 - 3 =$

4.

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

5.

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

6.

$2 \times 4 =$	$3 \times 2 =$	$5 \times 3 =$	$7 \times 2 =$	$15 = \cdot \times 3$
$3 \times 5 =$	$2 \times 6 =$	$2 \times 7 =$	$4 \times 3 =$	$12 = \cdot \times 4$
$4 \times 2 =$	$3 \times 4 =$	$5 \times 2 =$	$6 \times 2 =$	$10 = 2 \times \cdot$
$2 \times 5 =$	$2 \times 2 =$	$3 \times 3 =$	$2 \times 3 =$	$15 = 5 \times \cdot$

7.

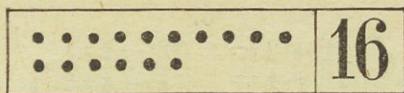
$2 \vee 8 =$	$2 \vee 10 =$	$2 \vee 12 =$	$2 \vee 14 =$	$2 \vee 15 =$
$3 \vee 8 =$	$3 \vee 10 =$	$3 \vee 12 =$	$3 \vee 14 =$	$3 \vee 15 =$
$4 \vee 8 =$	$4 \vee 10 =$	$4 \vee 12 =$	$5 \vee 14 =$	$4 \vee 15 =$
$5 \vee 8 =$	$5 \vee 10 =$	$6 \vee 12 =$	$7 \vee 14 =$	$5 \vee 15 =$

8.

$\frac{1}{2}$ od 12 =	$\frac{1}{5}$ od 10 =	$\frac{1}{8}$ od 8 =	$\frac{1}{3}$ od 3 =
$\frac{1}{3}$ od 6 =	$\frac{1}{4}$ od 8 =	$\frac{1}{5}$ od 15 =	$\frac{1}{7}$ od 14 =
$\frac{1}{2}$ od 4 =	$\frac{1}{2}$ od 8 =	$\frac{1}{2}$ od 10 =	$\frac{1}{3}$ od 9 =
$\frac{1}{3}$ od 12 =	$\frac{1}{3}$ od 15 =	$\frac{1}{2}$ od 14 =	$\frac{1}{4}$ od 12 =

9.

$5 \times 2 + 5 =$	$3 \times 5 - 4 =$	$\frac{1}{5}$ od 15 + 5 =
$2 \times 6 - 3 =$	$4 \times 3 + 3 =$	$\frac{1}{2}$ od 14 - 3 =
$7 \times 2 + 1 =$	$2 \times 7 - 5 =$	$\frac{1}{4}$ od 12 + 9 =



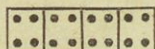
$$16 \times 1 = \quad | \quad 1 \vee 16 =$$



$$8 \times 2 = \quad | \quad 2 \vee 16 = \quad | \quad \frac{1}{8} \text{ od } 16 =$$



$$5 \times 3 + 1 = \quad | \quad 3 \vee 16 =$$



$$4 \times 4 = \quad | \quad 4 \vee 16 = \quad | \quad \frac{1}{4} \text{ od } 16 =$$



$$3 \times 5 + 1 = \quad | \quad 5 \vee 16 =$$



$$2 \times 6 + 4 = \quad | \quad 6 \vee 16 =$$



$$2 \times 7 + 2 = \quad | \quad 7 \vee 16 =$$



$$8 + 8 = \quad | \quad 16 - 8 = \quad | \quad 16 = 8 +.$$

$$2 \times 8 = \quad | \quad 8 \vee 16 = \quad | \quad \frac{1}{2} \text{ od } 16 =$$



$$9 + 7 = \quad | \quad 16 - 7 = \quad | \quad 16 = 9 +.$$

$$7 + 9 = \quad | \quad 16 - 9 = \quad | \quad 16 = 7 +.$$

$$1 \times 9 + 7 = \quad | \quad 9 \vee 16 =$$



$$10 + 6 = \quad | \quad 16 - 6 = \quad | \quad 16 = 10 +.$$

$$6 + 10 = \quad | \quad 16 - 10 = \quad | \quad 16 = 6 +.$$

$$1 \times 10 + 6 = \quad | \quad 10 \vee 16 =$$

1.

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

2.

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

3.

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

4.

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

5.

$2 \times 7 =$	$8 \times 2 =$	$5 \times 2 =$	$2 \times 8 =$	$16 = 2 \times .$
$3 \times 4 =$	$2 \times 3 =$	$2 \times 4 =$	$3 \times 3 =$	$14 = 7 \times .$
$4 \times 4 =$	$2 \times 5 =$	$7 \times 2 =$	$4 \times 2 =$	$12 = . \times 3$
$5 \times 3 =$	$4 \times 3 =$	$3 \times 5 =$	$2 \times 6 =$	$16 = . \times 4$

6.

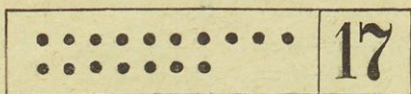
$2 \vee 14 =$	$3 \vee 12 =$	$4 \vee 16 =$	$3 \vee 11 =$	$2 \vee 7 =$
$8 \vee 16 =$	$2 \vee 6 =$	$5 \vee 10 =$	$5 \vee 13 =$	$4 \vee 13 =$
$5 \vee 10 =$	$6 \vee 12 =$	$3 \vee 15 =$	$7 \vee 16 =$	$6 \vee 15 =$
$2 \vee 16 =$	$3 \vee 9 =$	$2 \vee 8 =$	$9 \vee 14 =$	$8 \vee 12 =$

7.

$\frac{1}{8}$ od 16 =	$\frac{1}{2}$ od 10 =	$\frac{1}{2}$ od 16 =	$\frac{1}{2}$ od 14 =
$\frac{1}{2}$ od 6 =	$\frac{1}{4}$ od 12 =	$\frac{1}{3}$ od 9 =	$\frac{1}{3}$ od 12 =
$\frac{1}{5}$ od 10 =	$\frac{1}{5}$ od 15 =	$\frac{1}{4}$ od 8 =	$\frac{1}{4}$ od 16 =
$\frac{1}{2}$ od 4 =	$\frac{1}{7}$ od 14 =	$\frac{1}{2}$ od 12 =	$\frac{1}{3}$ od 15 =

8.

$4 \times 3 + 3 =$	$8 \times 2 - 6 =$	$\frac{1}{8}$ od 16 + 5 =
$7 \times 2 - 5 =$	$2 \times 6 + 4 =$	$\frac{1}{3}$ od 15 - 3 =
$3 \times 5 + 1 =$	$4 \times 4 - 5 =$	$\frac{1}{4}$ od 12 + 6 =
$2 \times 8 - 4 =$	$5 \times 2 + 3 =$	$\frac{1}{2}$ od 16 - 4 =



$$17 \times 1 = | 1 \vee 17 =$$



$$8 \times 2 + 1 = | 2 \vee 17 =$$



$$5 \times 3 + 2 = | 3 \vee 17 =$$



$$4 \times 4 + 1 = | 4 \vee 17 =$$



$$3 \times 5 + 2 = | 5 \vee 17 =$$



$$2 \times 6 + 5 = | 6 \vee 17 =$$



$$2 \times 7 + 3 = | 7 \vee 17 =$$



$$2 \times 8 + 1 = | 8 \vee 17 =$$



$$9 + 8 = | 17 - 8 = | 17 = 9 + .$$

$$8 + 9 = | 17 - 9 = | 17 = 8 + .$$

$$1 \times 9 + 8 = | 9 \vee 17 =$$



$$10 + 7 = | 17 - 7 = | 17 = 10 + .$$

$$7 + 10 = | 17 - 10 = | 17 = 7 + .$$

$$1 \times 10 + 7 = | 10 \vee 17 =$$

1.

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

2.

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

3.

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

4.

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

5.

$3 \times 5 =$	$5 \times 2 =$	$7 \times 2 =$	$8 = \cdot \times 4$	$15 = 3 \times .$
$4 \times 4 =$	$2 \times 8 =$	$2 \times 3 =$	$12 = \cdot \times 3$	$10 = 5 \times .$
$2 \times 7 =$	$5 \times 3 =$	$4 \times 2 =$	$14 = \cdot \times 2$	$16 = 4 \times .$
$3 \times 3 =$	$2 \times 6 =$	$8 \times 2 =$	$16 = \cdot \times 8$	$12 = 3 \times .$

6.

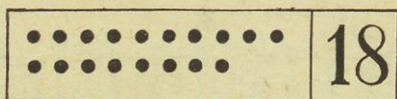
$2 \vee 16 =$	$2 \vee 14 =$	$3 \text{ r } 12 =$	$5 \vee 10 =$	$3 \vee 17 =$
$2 \vee 6 =$	$2 \vee 4 =$	$4 \vee 8 =$	$6 \vee 12 =$	$4 \vee 13 =$
$2 \vee 12 =$	$3 \vee 9 =$	$4 \vee 16 =$	$7 \vee 14 =$	$6 \vee 10 =$
$2 \vee 8 =$	$3 \vee 15 =$	$4 \vee 12 =$	$8 \vee 16 =$	$8 \vee 17 =$
$2 \vee 10 =$	$3 \vee 6 =$	$5 \vee 15 =$	$9 \vee 9 =$	$9 \vee 16 =$

7.

$\frac{1}{2} \text{ od } 8 =$	$\frac{1}{3} \text{ od } 12 =$	$\frac{1}{4} \text{ od } 8 =$	$\frac{1}{9} \text{ od } 9 =$
$\frac{1}{3} \text{ od } 15 =$	$\frac{1}{8} \text{ od } 8 =$	$\frac{1}{7} \text{ od } 7 =$	$\frac{1}{3} \text{ od } 3 =$
$\frac{1}{3} \text{ od } 6 =$	$\frac{1}{2} \text{ od } 12 =$	$\frac{1}{2} \text{ od } 6 =$	$\frac{1}{5} \text{ od } 15 =$
$\frac{1}{2} \text{ od } 4 =$	$\frac{1}{5} \text{ od } 10 =$	$\frac{1}{3} \text{ od } 12 =$	$\frac{1}{2} \text{ od } 14 =$

8.

$3 \times 2 + 8 =$	$2 \times 7 - 3 =$	$\frac{1}{2} \text{ od } 6 + 4 =$
$6 \times 2 + 5 =$	$4 \times 4 - 5 =$	$\frac{1}{3} \text{ od } 9 + 7 =$
$3 \times 3 + 7 =$	$8 \times 2 - 7 =$	$\frac{1}{2} \text{ od } 14 - 7 =$
$2 \times 5 + 6 =$	$4 \times 3 - 6 =$	$\frac{1}{4} \text{ od } 16 - 3 =$



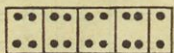
$$18 \times 1 = | 1 \vee 18 =$$



$$9 \times 2 = | 2 \vee 18 = | \frac{1}{9} \text{ od } 18 =$$



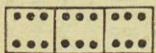
$$6 \times 3 = | 3 \vee 18 = | \frac{1}{6} \text{ od } 18 =$$



$$4 \times 4 + 2 = | 4 \vee 18 =$$



$$3 \times 5 + 3 = | 5 \vee 18 =$$



$$3 \times 6 = | 6 \vee 18 = | \frac{1}{3} \text{ od } 18 =$$



$$2 \times 7 + 4 = | 7 \vee 18 =$$



$$2 \times 8 + 2 = | 8 \vee 18 =$$



$$9 + 9 = | 18 - 9 = | 18 = 9 + .$$

$$2 \times 9 = | 9 \vee 18 = | \frac{1}{2} \text{ od } 18 =$$



$$10 + 8 = | 18 - 8 = | 18 = 10 + .$$

$$8 + 10 = | 18 - 10 = | 18 = 8 + .$$

$$1 \times 10 + 8 = | 10 \vee 18 =$$

1.

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

2.

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

3.

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

4.

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

5.

$3 \times 4 =$	$2 \times 9 =$	$6 \times 3 =$	$4 \times 3 =$	$14 = . \times 7$
$2 \times 7 =$	$3 \times 5 =$	$7 \times 2 =$	$9 \times 2 =$	$15 = . \times 3$
$3 \times 6 =$	$2 \times 8 =$	$5 \times 3 =$	$2 \times 6 =$	$16 = 2 \times .$
$4 \times 4 =$	$3 \times 3 =$	$8 \times 2 =$	$5 \times 2 =$	$18 = 6 \times .$

6.

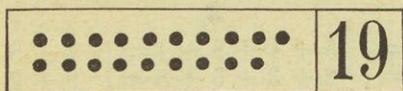
$2 \vee 12 =$	$2 \vee 14 =$	$2 \vee 16 =$	$2 \vee 18 =$	$3 \vee 10 =$
$3 \vee 12 =$	$7 \vee 14 =$	$4 \vee 16 =$	$3 \vee 18 =$	$4 \vee 14 =$
$4 \vee 12 =$	$3 \vee 15 =$	$8 \vee 16 =$	$6 \vee 18 =$	$5 \vee 13 =$
$6 \vee 12 =$	$5 \vee 15 =$	$5 \vee 10 =$	$9 \vee 18 =$	$6 \vee 16 =$

7.

$\frac{1}{6} \text{ od } 12 =$	$\frac{1}{8} \text{ od } 16 =$	$\frac{1}{4} \text{ od } 16 =$	$\frac{1}{5} \text{ od } 10 =$
$\frac{1}{2} \text{ od } 10 =$	$\frac{1}{5} \text{ od } 15 =$	$\frac{1}{3} \text{ od } 18 =$	$\frac{1}{2} \text{ od } 12 =$
$\frac{1}{4} \text{ od } 8 =$	$\frac{1}{7} \text{ od } 14 =$	$\frac{1}{2} \text{ od } 14 =$	$\frac{1}{9} \text{ od } 18 =$
$\frac{1}{3} \text{ od } 6 =$	$\frac{1}{6} \text{ od } 18 =$	$\frac{1}{3} \text{ od } 12 =$	$\frac{1}{4} \text{ od } 12 =$

8.

$5 \times 2 + 8 =$	$4 \times 3 + 5 =$	$\frac{1}{2} \text{ od } 10 + 8 =$
$4 \times 4 - 7 =$	$3 \times 6 - 6 =$	$\frac{1}{3} \text{ od } 12 - 2 =$
$2 \times 4 + 6 =$	$2 \times 7 + 4 =$	$\frac{1}{4} \text{ od } 16 + 7 =$
$3 \times 3 - 5 =$	$9 \times 2 - 8 =$	$\frac{1}{2} \text{ od } 18 - 6 =$



$$19 \times 1 = \quad | \quad 1 \vee 19 =$$



$$9 \times 2 + 1 = \quad | \quad 2 \vee 19 =$$



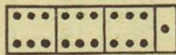
$$6 \times 3 + 1 = \quad | \quad 3 \vee 19 =$$



$$4 \times 4 + 3 = \quad | \quad 4 \vee 19 =$$



$$3 \times 5 + 4 = \quad | \quad 5 \vee 19 =$$



$$3 \times 6 + 1 = \quad | \quad 6 \vee 19 =$$



$$2 \times 7 + 5 = \quad | \quad 7 \vee 19 =$$



$$2 \times 8 + 3 = \quad | \quad 8 \vee 19 =$$



$$2 \times 9 + 1 = \quad | \quad 9 \vee 19 =$$



$$10 + 9 = \quad | \quad 19 - 9 = \quad | \quad 19 = 10 +$$

$$9 + 10 = \quad | \quad 19 - 10 = \quad | \quad 19 = 9 +$$

$$1 \times 10 + 9 = \quad | \quad 10 \vee 19 =$$

1.

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

2.

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

3.

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

4.

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

5.

$2 \times 2 =$	$6 \times 3 =$	$2 \times 7 =$	$8 \times 2 =$	$6 = 2 \times .$
$3 \times 3 =$	$7 \times 2 =$	$3 \times 6 =$	$2 \times 9 =$	$15 = 3 \times .$
$4 \times 4 =$	$5 \times 3 =$	$4 \times 3 =$	$6 \times 2 =$	$12 = . \times 4$
$5 \times 2 =$	$9 \times 2 =$	$2 \times 5 =$	$2 \times 4 =$	$16 = . \times 8$

6.

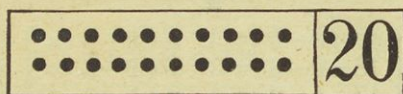
$2 \vee 16 =$	$3 \vee 12 =$	$4 \vee 16 =$	$5 \vee 15 =$	$7 \vee 10 =$
$2 \vee 10 =$	$3 \vee 9 =$	$4 \vee 8 =$	$5 \vee 19 =$	$8 \vee 16 =$
$2 \vee 4 =$	$3 \vee 18 =$	$4 \vee 12 =$	$6 \vee 18 =$	$8 \vee 19 =$
$2 \vee 19 =$	$3 \vee 19 =$	$4 \vee 19 =$	$6 \vee 19 =$	$9 \vee 18 =$

7.

$\frac{1}{5} \text{ od } 15 =$	$\frac{1}{2} \text{ od } 8 =$	$\frac{1}{9} \text{ od } 18 =$	$\frac{1}{2} \text{ od } 10 =$
$\frac{1}{4} \text{ od } 16 =$	$\frac{1}{6} \text{ od } 12 =$	$\frac{1}{3} \text{ od } 15 =$	$\frac{1}{4} \text{ od } 12 =$
$\frac{1}{3} \text{ od } 9 =$	$\frac{1}{2} \text{ od } 18 =$	$\frac{1}{7} \text{ od } 14 =$	$\frac{1}{3} \text{ od } 18 =$
$\frac{1}{2} \text{ od } 4 =$	$\frac{1}{8} \text{ od } 16 =$	$\frac{1}{6} \text{ od } 18 =$	$\frac{1}{2} \text{ od } 14 =$

8.

$2 \times 4 + 9 =$	$9 \times 2 - 7 =$	$\frac{1}{8} \text{ od } 16 + 8 =$
$4 \times 3 + 7 =$	$5 \times 3 - 8 =$	$\frac{1}{5} \text{ od } 15 + 9 =$
$2 \times 7 + 3 =$	$3 \times 6 - 5 =$	$\frac{1}{2} \text{ od } 18 - 7 =$
$3 \times 3 + 8 =$	$4 \times 4 - 9 =$	$\frac{1}{4} \text{ od } 16 - 2 =$



$$20 \times 1 = \quad | \quad 1 \vee 20 =$$



$$10 \times 2 = \quad | \quad 2 \vee 20 = \quad | \quad \frac{1}{10} \text{ od } 20 =$$



$$6 \times 3 + 2 = \quad | \quad 3 \vee 20 =$$



$$5 \times 4 = \quad | \quad 4 \vee 20 = \quad | \quad \frac{1}{5} \text{ od } 20 =$$



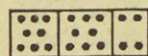
$$4 \times 5 = \quad | \quad 5 \vee 20 = \quad | \quad \frac{1}{4} \text{ od } 20 =$$



$$3 \times 6 + 2 = \quad | \quad 6 \vee 20 =$$



$$2 \times 7 + 6 = \quad | \quad 7 \vee 20 =$$



$$2 \times 8 + 4 = \quad | \quad 8 \vee 20 =$$



$$2 \times 9 + 2 = \quad | \quad 9 \vee 20 =$$



$$10 + 10 = \quad | \quad 20 - 10 = \quad | \quad 20 = 10 + .$$

$$2 \times 10 = \quad | \quad 10 \vee 20 = \quad | \quad \frac{1}{2} \text{ od } 20 =$$

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

$2 \times 3 =$	$1 \times 2 =$	$3 \times 3 =$	$6 = \times 3$	$4 = 2 \times$
$2 \times 2 =$	$6 \times 2 =$	$3 \times 5 =$	$8 = \times 2$	$10 = 2 \times$
$2 \times 5 =$	$3 \times 2 =$	$3 \times 4 =$	$8 = \times 4$	$10 = 5 \times$
$2 \times 1 =$	$9 \times 2 =$	$3 \times 6 =$	$9 = \times 3$	$12 = 3 \times$
$2 \times 8 =$	$5 \times 2 =$	$4 \times 4 =$	$15 = \times 3$	$12 = 6 \times$
$2 \times 6 =$	$2 \times 2 =$	$4 \times 5 =$	$15 = \times 5$	$14 = 7 \times$
$2 \times 9 =$	$10 \times 2 =$	$4 \times 3 =$	$20 = \times 2$	$16 = 4 \times$
$2 \times 4 =$	$4 \times 2 =$	$5 \times 3 =$	$20 = \times 4$	$16 = 8 \times$
$2 \times 7 =$	$8 \times 2 =$	$5 \times 4 =$	$20 = \times 5$	$18 = 3 \times$
$2 \times 10 =$	$7 \times 2 =$	$6 \times 3 =$	$20 = \times 10$	$18 = 9 \times$

8.

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

9.

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

10.

$\frac{1}{2}$ od 4 =	$\frac{1}{2}$ od 8 =	$\frac{1}{3}$ od 15 =	$\frac{1}{4}$ od 12 =
$\frac{1}{2}$ od 12 =	$\frac{1}{2}$ od 14 =	$\frac{1}{3}$ od 6 =	$\frac{1}{5}$ od 10 =
$\frac{1}{2}$ od 18 =	$\frac{1}{2}$ od 20 =	$\frac{1}{4}$ od 20 =	$\frac{1}{5}$ od 15 =
$\frac{1}{2}$ od 6 =	$\frac{1}{3}$ od 12 =	$\frac{1}{4}$ od 4 =	$\frac{1}{5}$ od 20 =
$\frac{1}{2}$ od 10 =	$\frac{1}{3}$ od 18 =	$\frac{1}{4}$ od 16 =	$\frac{1}{6}$ od 12 =
$\frac{1}{2}$ od 16 =	$\frac{1}{3}$ od 9 =	$\frac{1}{4}$ od 8 =	$\frac{1}{6}$ od 18 =

11.

$\frac{1}{4}$ od 8 + 10 =	$\frac{1}{8}$ od 16 + 9 =	$\frac{1}{9}$ od 18 + 7 =
$\frac{1}{2}$ od 18 - 8 =	$\frac{1}{2}$ od 20 - 6 =	$\frac{1}{4}$ od 20 - 3 =
$\frac{1}{5}$ od 10 + 7 =	$\frac{1}{7}$ od 14 + 8 =	$\frac{1}{6}$ od 18 + 10 =
$\frac{1}{3}$ od 15 - 3 =	$\frac{1}{5}$ od 15 - 2 =	$\frac{1}{2}$ od 16 - 5 =



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