



evropský
sociální
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání
pro konkurenceschopnost

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Matematika

1. ročník

Inovace a zkvalitnění výuky matematiky prostřednictvím ICT.

Sčítání a odčítání v oboru do 20 bez přechodu desítky.

Nácvik a procvičování sčítání a odčítání v oboru do 20
bez přechodu desítky.

vl. znak: M I.

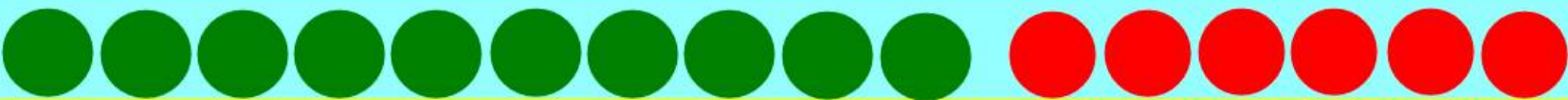
Autor: Věra Říhová

2012

ZŠ Rokytnice v O.h.



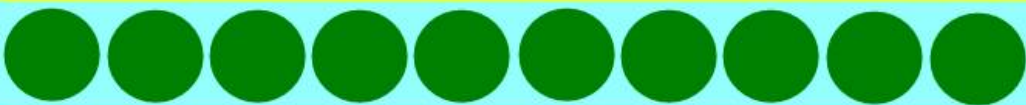
$$10 + 3 = 13$$



$$10 + 6 = 16$$



$$10 + 1 = 11$$



$$10 + 0 = 10$$



$$10 + 9 = 19$$

$10 + 2 =$

$10 + 6 =$

$10 + 1 =$

$10 + 4 =$

$10 + 0 =$

$10 + 8 =$

$10 + 5 =$

$10 + 3 =$

$10 + 9 =$

$10 + 7 =$

0 1 2 3 4 5 6 7 8 9

$2 + 10 =$

$10 + 1 =$

$0 + 10 =$

$10 + 6 =$

$4 + 10 =$

$10 + 8 =$

$5 + 10 =$

$10 + 3 =$

$9 + 10 =$

$10 + 7 =$

0 1 2 3 4 5 6 7 8 9

$$\begin{array}{l} 9 + 10 = \\ 2 + 10 = \\ 10 + 6 = \\ 10 + 4 = \\ 1 + 10 = \\ 10 + 10 = \end{array}$$

$$\begin{array}{l} 15 \quad 11 \quad 16 \\ 13 \quad \quad 18 \\ \quad 12 \quad \\ 17 \quad \quad 20 \\ \quad 14 \quad \\ 10 \quad \quad 19 \end{array}$$

$$7 + 10 =$$

$$0 + 10 =$$

$$10 + 3 =$$

$$10 + 8 =$$

$$5 + 10 =$$

$$10 + 10 =$$

$$15 \quad 11 \quad 16$$

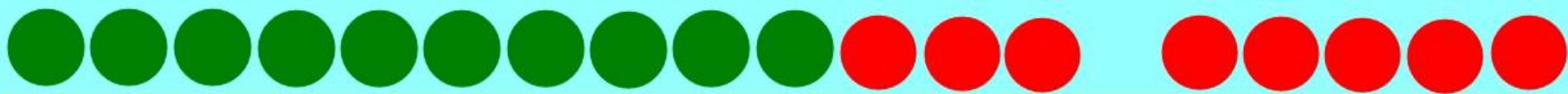
$$13 \quad \quad 18$$

$$12$$

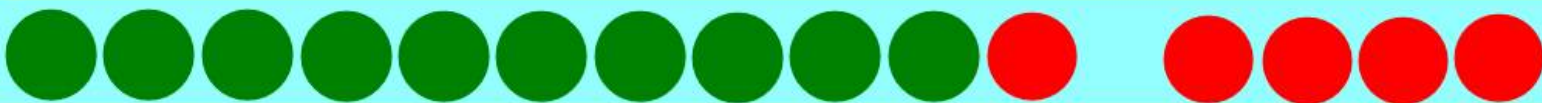
$$17 \quad \quad 20$$

$$14$$

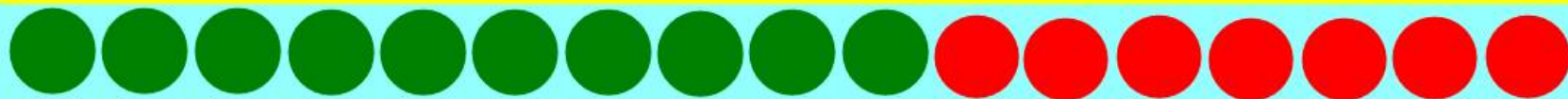
$$10 \quad 19$$



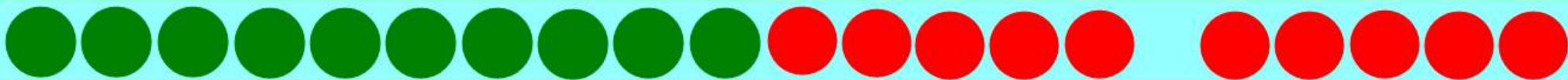
$$13 + 5 = 18$$



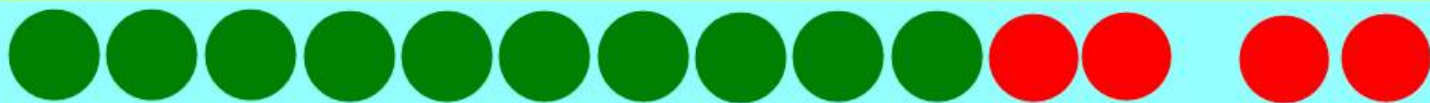
$$11 + 4 = 15$$



$$17 + 0 = 17$$



$$15 + 5 = 20$$



$$12 + 2 = 14$$

$$12 + 4 =$$

$$13 + 0 =$$

$$17 + 2 =$$

$$11 + 6 =$$

$$12 + 3 =$$

$$18 + 1 =$$

$$15 \quad 11 \quad 16$$

$$13 \quad \quad 18$$

$$12$$

$$17 \quad \quad 20$$

$$14$$

$$10 \quad \quad 19$$

$$15 + 4 =$$

$$14 + 3 =$$

$$11 + 7 =$$

$$16 + 2 =$$

$$13 + 2 =$$

$$19 + 1 =$$

10

17

14

11

18

15

12

19

16

13

20

$$3 + 12 =$$

$$12 + 3 =$$

$$5 + 12 =$$

$$13 + 3 =$$

$$7 + 13 =$$

$$14 + 2 =$$

$$10$$

$$11$$

$$12$$

$$13$$

$$14$$

$$15$$

$$16$$

$$17$$

$$18$$

$$19$$

$$20$$

$$21$$

$$22$$

$$23$$

$$15 + 4 =$$

$$2 + 16 =$$

$$13 + 5 =$$

$$6 + 11 =$$

$$17 + 3 =$$

$$4 + 14 =$$

10

17

14

11

18

15

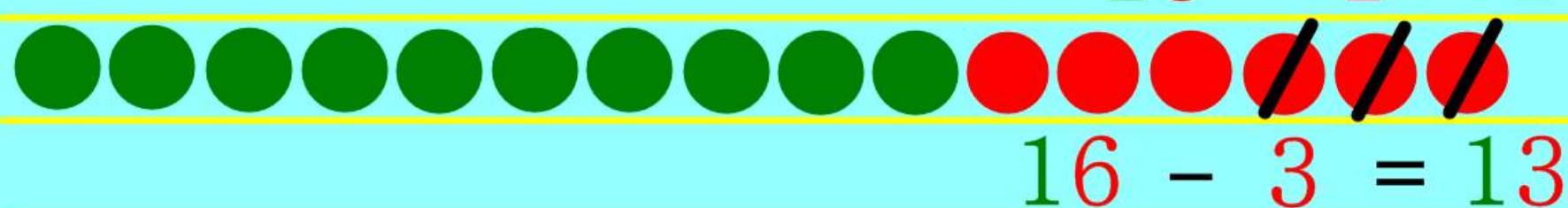
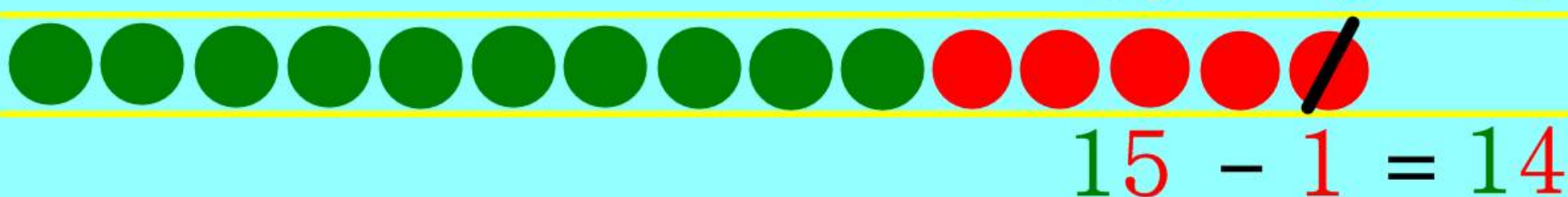
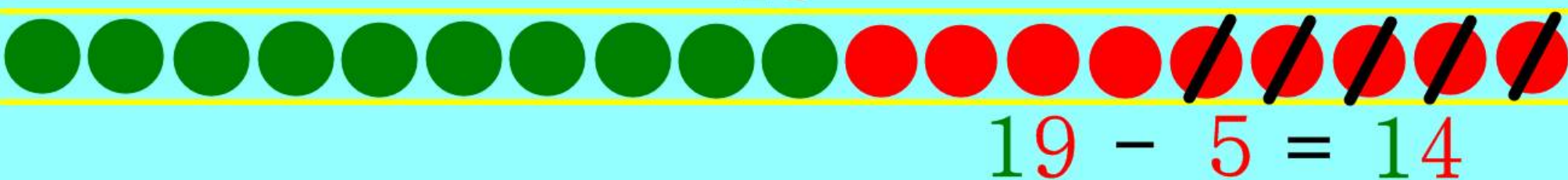
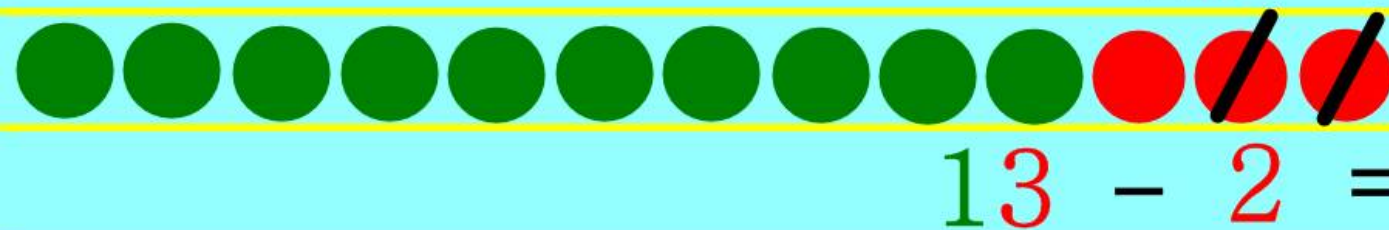
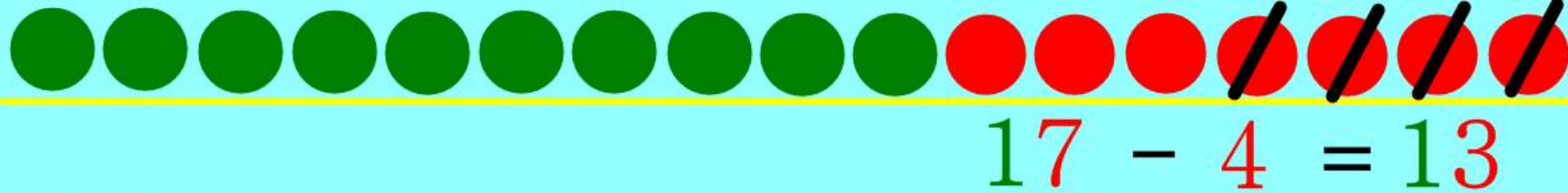
12

19

16

13

20



$$15 - 5 =$$

$$18 - 8 =$$

$$12 - 2 =$$

$$13 - 3 =$$

$$17 - 7 =$$

$$16 - 6 =$$

$$11 - 1 =$$

$$20 - 10 =$$

$$19 - 9 =$$

$$14 - 4 =$$

0 1 2 3 4 5 6 7 8 9

$14 - 4 =$

$12 - 10 =$

$15 - 10 =$

$17 - 7 =$

$19 - 9 =$

$18 - 10 =$

$11 - 10 =$

$16 - 6 =$

$13 - 3 =$

$20 - 10 =$

0 1 2 3 4 5 6 7 8 9

$$15 - 5 =$$

$$18 - 8 =$$

$$12 - 2 =$$

$$16 - 6 =$$

$$19 - 9 =$$

$$11 - 1 =$$

$$10 \quad 17$$

$$14$$

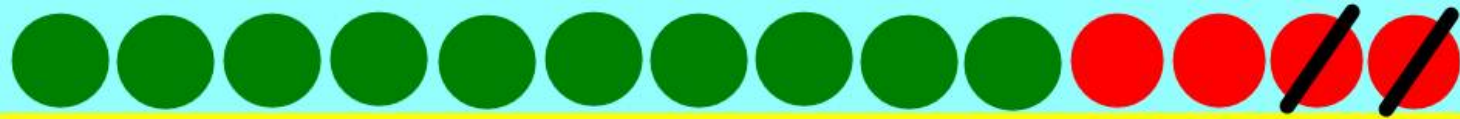
$$11 \quad 18$$

$$15$$

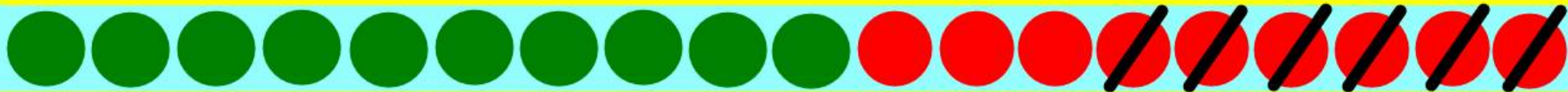
$$12 \quad 19$$

$$16$$

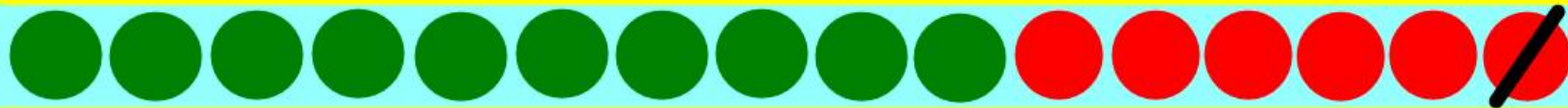
$$13 \quad 20$$



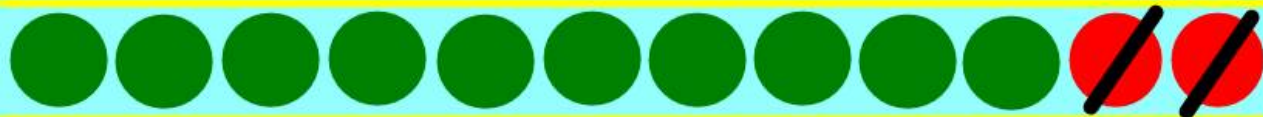
$$14 - 2 = 12$$



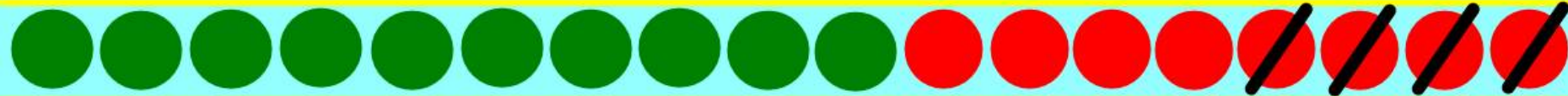
$$19 - 6 = 13$$



$$16 - 1 = 15$$



$$12 - 2 = 10$$



$$18 - 4 = 14$$

17	-	5	=	10	17
12	-	1	=	14	
19	-	4	=	11	18
15	-	3	=	15	
14	-	0	=	12	19
18	-	6	=	16	
				13	20

$$18 - 3 =$$

$$16 - 5 =$$

$$14 - 1 =$$

$$19 - 7 =$$

$$13 - 1 =$$

$$20 - 6 =$$

10

17

14

11

18

15

12

19

16

13

20

$$19 - 5 =$$

$$15 - 2 =$$

$$18 - 7 =$$

$$14 - 2 =$$

$$20 - 4 =$$

$$13 - 0 =$$

$$10 \quad 17$$

$$14$$

$$11 \quad 18$$

$$15$$

$$12 \quad 19$$

$$16$$

$$13 \quad 20$$

$14 + 2 =$

$16 - 4 =$

$17 - 5 =$

$13 + 7 =$

$16 + 2 =$

$20 - 3 =$

$13 - 3 =$

$15 + 3 =$

$15 + 4 =$

$14 - 1 =$

0 1 2 3 4 5 6 7 8 9

$15 - 5 =$

$12 + 7 =$

$14 + 4 =$

$19 - 4 =$

$20 - 0 =$

$13 + 5 =$

$11 + 4 =$

$16 - 6 =$

$18 - 2 =$

$15 + 2 =$

0 1 2 3 4 5 6 7 8 9

$12 + 6 =$

$18 - 5 =$

$17 - 3 =$

$11 + 6 =$

$18 + 2 =$

$15 - 4 =$

$16 - 1 =$

$12 + 2 =$

$14 + 5 =$

$17 - 7 =$

0 1 2 3 4 5 6 7 8 9

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

$$3 + 1 + 6 + 5 + 3 =$$

$$5 + 2 + 3 + 9 + 1 =$$

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

0 1 2 3 4 5 6 7 8 9



$$16 - 4 - 2 - 4 - 2 =$$



$$18 - 5 - 3 - 5 - 3 =$$



$$20 - 7 - 3 - 8 - 2 =$$



$$15 - 2 - 3 - 4 - 5 =$$



0 1 2 3 4 5 6 7 8 9

$$15 + 4 - 7 + 8 =$$

$$17 - 3 + 6 - 5 =$$

$$12 + 6 - 5 + 3 =$$

$$20 - 9 + 7 - 4 =$$



0 1 2 3 4 5 6 7 8 9