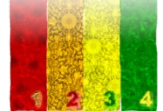


ANA STANKUTĖ

MINTINAS
SKAIČIAVIMAS

PATALPINTA



pradinukai.lt

Mintino skaičiavimo užduotimis pradedamos kiekvienos matematikos pratybos.

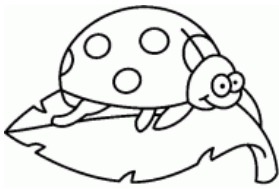
Tikslai:

1. Tobulinti mintino skaičiavimo įgūdžius.
2. Lavinti dėmesį, girdimąjį suvokimą, mąstymo operacijas.

Uždavinys: Remdamiesi savo turimomis bei įgytomis žiniomis, praktiniu bandymu ir žodiniu mokytojos aiškinimu, mokiniai gebės mintinai suskaičiuoti mokytojos pasakytus veiksmus.

Užduotys:

1. Mokiniai mintinai skaičiuoja mokytojo nurodytus veiksmus.
2. Mokiniam duodami lapai su veiksmiais (mokiniai skaičiuoja mintinai).



Skaičiai iki 1 000

Kiek šimtų, dešimčių, vienetų sudaro skaičių? $462 = 400 + 60 + 2$

- a) 394, 864, 895, 129, 467, 583, 678, 126, 810, 58, 287, 143, 342
b) 409, 609, 450, 342, 671, 908, 304, 430, 120, 439, 567, 908, 564
c) 346, 675, 782, 123, 355, 909, 143, 670, 509, 435, 125, 321, 987



Vienu daugiau:

- a) 346, 675, 782, 123, 542, 670, 787, 799, 239, 143, 179, 200, 299
b) 435, 134, 887, 889, 999, 125, 321, 987, 130, 167, 766, 509, 407
c) 355, 909, 143, 670, 509, 435, 910, 129, 400, 518, 900, 408, 456

Vienu mažiau:



- a) 345, 900, 130, 670, 767, 132, 909, 560, 101, 760, 766, 110, 899
b) 678, 909, 126, 109, 100, 400, 208, 154, 787, 903, 600, 565, 106
c) 876, 135, 905, 400, 655, 900, 108, 308, 870, 454, 987, 345, 102



Kiek trūksta iki dešimties?

- a) 3, 5, 9, 1, 2, 4, 6, 8, 7, 0, 11, 15, 17, 19, 18, 13, 14, 12, 16
b) 78, 99, 15, 67, 98, 56, 23, 75, 12, 15, 65, 99, 14, 65, 34, 13, 28
c) 564, 765, 908, 145, 457, 648, 234, 987, 908, 325, 109, 132, 158



Suskaičiuok nuo 10 iki 100 dešimtimis



Suskaičiuok nuo 100 iki 1000 šimtais



Skaičiuok po 50 iki 1000, po 200 iki 1000, po 200 iki 5000



Pasakyk skaičius, kurie didesni už 135, bet mažesni už 143

didesni už 982, bet mažesni už 1000

didesni už 201, bet mažesni už 218

Skaičiai iki 1 000



Suskaičiuok

$200 + 50$

$200 + 80$

$700 + 20$

$300 + 70$

$100 + 60$

$100 + 90$

$500 + 10$

$600 + 90$

$900 + 70$

$900 + 30$

$400 + 10$

$900 + 50$

$500 + 20$

$200 + 20$

$200 + 30$

$800 + 10$

$400 + 22$

$600 + 54$

$800 + 45$

$300 + 99$

$600 + 66$

$700 + 29$

$100 + 67$

$100 + 11$

$300 + 36$

$800 + 13$

$100 + 22$

$800 + 16$

$900 + 12$

$100 + 95$

$200 + 22$

$400 + 54$



$200 + 8$

$500 + 1$

$300 + 9$

$100 + 2$

$100 + 9$

$400 + 1$

$100 + 1$

$200 + 9$

$900 + 3$

$200 + 3$

$800 + 6$

$800 + 4$

$200 + 2$

$500 + 2$

$900 + 2$

$100 + 7$



$20 + 5$

$20 + 8$

$70 + 20$

$30 + 70$

$10 + 6$

$10 + 9$

$50 + 10$

$70 + 20$

$90 + 7$

$90 + 3$

$40 + 10$

$90 + 10$

$50 + 2$

$20 + 2$

$20 + 30$

$80 + 10$



$40 + 22$

$60 + 24$

$80 + 15$

$30 + 59$

$60 + 36$

$70 + 29$

$10 + 67$

$10 + 11$

$30 + 36$

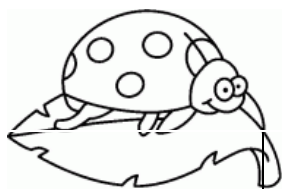
$40 + 13$

$10 + 22$

$80 + 16$



Natūraliųjų skaičių sudėtis ir atimtis



$6 - 2$

$7 - 1$

$5 - 4$

$4 - 2$

$4 + 3$

$9 + 1$

$7 + 2$

$6 + 1$

$4 + 2$

$3 + 6$

$2 + 5$

$5 + 2$

$7 + 3$

$4 + 1$

$4 + 1$

$5 + 1$

$9 + 1$

$6 + 1$

$2 + 1$

$6 - 1$

$9 - 1$

$3 - 1$

$2 - 1$

$4 - 1$

$10 + 1$

$10 + 2$

$10 + 3$

$10 + 4$

$10 + 5$



$10 + 6$

$10 + 7$

$10 + 8$

$10 + 9$

$10 + 10$

$11 + 1$

$13 + 1$

$14 + 1$

$16 + 1$

$15 + 1$



$13 + 7$

$17 + 3$

$19 + 1$

$18 + 2$

$16 + 4$

$10 - 2$

$10 - 4$

$10 - 7$

$10 - 8$

$10 - 3$



$20 - 6$

$20 - 4$

$20 - 3$

$20 - 8$



$16 - 6$

$17 - 7$

$13 - 3$

$12 - 2$



$14 - 1$

$18 - 1$

$17 - 1$

$15 - 1$



$40 - 10$

$70 - 10$

$50 - 10$

$30 - 10$

$90 - 70$

$80 - 40$

$30 - 20$

$40 - 30$

$88 - 80$

$54 - 50$

$32 - 30$

$92 - 90$

$37 - 7$

$76 - 6$

$13 - 3$

$99 - 9$



$90 + 2$

$60 + 7$

$40 + 3$

$30 + 6$

$60 + 10$

$30 + 10$

$20 + 10$

$80 + 10$

$10 + 80$

$50 + 30$

$20 + 10$

$30 + 30$

$800 - 100$

$400 - 100$

$200 - 100$

$900 - 100$



$300 - 200$

$600 - 300$

$900 - 400$

$800 - 500$

$200 + 30$

$300 + 70$

$600 + 50$

$700 + 90$

$800 + 38$

$200 + 81$

$900 + 19$

$400 + 23$



$139 - 39$

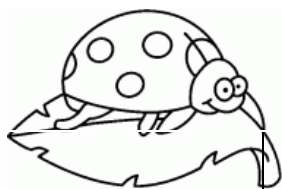
$981 - 81$

$827 - 27$

$339 - 39$



Natūraliųjų skaičių sudėtis ir atimtis



1. $697 - 27$

$787 - 17$

$507 - 7$

$435 - 15$

$487 + 3$

$927 + 1$

$702 + 2$

$681 + 1$

$402 + 2$

$309 + 1$

$290 + 5$

$543 + 2$

$725 + 3$

$415 + 1$

$458 + 11$

$553 + 14$

$967 + 12$

$640 + 12$

$234 + 15$

$690 - 1$

$540 - 1$

$308 - 1$

$209 - 1$

$434 - 1$

2.

$100 + 17$

$100 + 2$

$100 + 38$

$100 + 49$

$100 + 56$

$109 + 6$

$106 + 7$

$104 + 8$

$105 + 9$

$102 + 7$

$119 + 1$

$193 + 1$

$148 + 2$

$166 + 1$

$155 + 5$

$135 + 5$

$175 + 5$

$195 + 5$

$185 + 5$

$165 + 5$

$100 - 20$

$100 - 40$

$100 - 70$

$100 - 80$

$100 - 30$



3. $20 - 6$

$20 - 4$

$20 - 3$

$20 - 8$

$16 - 6$

$17 - 7$

$13 - 3$

$12 - 2$

$14 - 1$

$18 - 1$

$17 - 1$

$15 - 1$

$40 - 10$

$70 - 10$

$50 - 10$

$30 - 10$

$90 - 70$

$80 - 40$

$30 - 20$

$40 - 30$



4.

$880 - 80$

$540 - 30$

$320 - 10$

$990 - 80$

$377 - 17$

$765 - 15$

$143 - 13$

$919 - 19$

$909 + 2$

$699 + 1$

$499 + 2$

$389 + 5$

$607 + 10$

$305 + 40$

$250 + 20$

$880 + 10$

$190 + 8$

$580 + 12$

$202 + 16$

$304 + 25$



5.

$885 - 55$

$425 - 15$

$245 - 35$

$955 - 15$

$376 - 26$

$695 - 35$

$923 - 13$

$891 - 11$

$209 + 3$

$307 + 8$

$604 + 9$

$702 + 9$

$825 + 5$

$215 + 5$

$985 + 5$

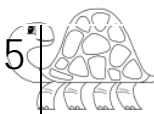
$435 + 5$

$869 - 9$

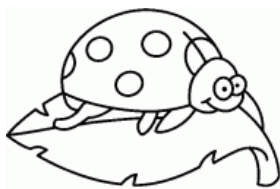
$451 - 1$

$347 - 7$

$129 - 9$



Sudėties dėsniai



$$14 + 10 = 24$$

dėmuo dėmuo suma

Perstatymo dėsnis – sukeitus dėmenis vietomis, suma nepakinta

$$14 + 2 = 2 + 14$$

Jungimo dėsnis – pakeitus dėmenų sudėties tvarką, suma nepakinta

$$(3 + 2) + 1 = 3 + (1 + 2)$$

Sudėties su 0 dėsnis – prie skaičiaus pridėję 0, gauname tą patį skaičių

$$4 + 0 = 4$$

$$3 + 6 = 9 \quad \text{ir} \quad 6 + 3 = 9$$

$$11 + 3 = \quad \text{ir} \quad 3 + 11 =$$

$$14 + 6 = \quad \text{ir} \quad 6 + 14 =$$

$$54 + 0 = \quad \text{ir} \quad 0 + 54 =$$



$$(3 + 4) + 6 = \quad \text{ir} \quad 3 + (4 + 6)$$

$$(9 + 4) + 1 = \quad \text{ir} \quad 4 + (9 + 1)$$

$$(6 + 7) + 3 = \quad \text{ir} \quad 6 + (7 + 3)$$

$$(5 + 9) + 1 = \quad \text{ir} \quad 5 + (9 + 1)$$

1.

$$6 + 3 + 4 =$$

$$36 + 11 + 4 =$$

$$8 + 5 + 9 + 1 =$$

$$14 + 7 + 6 =$$

$$37 + 13 + 7 =$$

$$9 + 7 + 1 + 3 =$$

$$32 + 9 + 8 =$$

$$320 + 540 + 80 =$$

$$14 + 9 + 1 + 6 =$$

$$4 + 62 + 8 =$$

$$226 + 2 + 24 =$$

$$6 + 4 + 7 + 3 =$$

$$9 + 51 + 2 =$$

$$33 + 10 + 7 =$$

$$8 + 5 + 2 + 5 =$$

2.

$$6 + 4 + 14 =$$

$$46 + 3 + 4 =$$

$$546 + 7 + 4 =$$

$$4 + 7 + 16 =$$

$$124 + 7 + 6 =$$

$$121 + 41 + 9 =$$

$$9 + 9 + 11 =$$

$$7 + 9 + 3 =$$

$$162 + 30 + 8 =$$

$$3 + 5 + 15 =$$

$$136 + 4 + 5 =$$

$$544 + 9 + 6 =$$

3.

$$60 + 4 + 6 =$$

$$56 + 7 + 4 =$$

$$346 + 5 + 4 =$$

$$40 + 7 + 3 =$$

$$120 + 7 + 3 =$$

$$177 + 40 + 3 =$$

$$90 + 9 + 10 =$$

$$77 + 9 + 3 =$$

$$177 + 3 + 8 =$$

$$35 + 5 + 7 =$$

$$156 + 4 + 20 =$$

$$144 + 3 + 6 =$$

4. Rask trūkstantą dėmenį

$$7 + \dots = 20$$

$$4 + \dots = 54$$

$$62 + \dots = 70$$

$$79 + \dots = 80$$

$$6 + \dots = 20$$

$$4 + \dots = 16$$

$$9 + \dots = 10$$

$$71 + \dots = 80$$

$$75 + \dots = 80$$

$$3 + \dots = 9$$

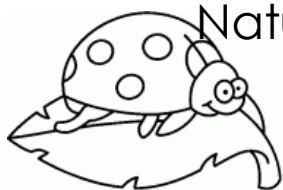
$$6 + \dots = 36$$

$$3 + \dots = 8$$

$$94 + \dots = 96$$

$$14 + \dots = 20$$

$$1 + \dots = 20$$



Natūraliųjų skaičių sudėtis ir atimtis raštu

$$44 - 10 = 34$$

turinys atėminys skirtumas

$$32 + 1 = 33$$

dėmuo dėmuo suma

$$\begin{array}{r} - 326 \\ 151 \\ \hline 211 \end{array}$$

$$\begin{array}{r} -739 \\ 256 \\ \hline 473 \end{array}$$

$$\begin{array}{r} -947 \\ 569 \\ \hline 378 \end{array}$$

$$\begin{array}{r} -1406 \\ 357 \\ \hline 1049 \end{array}$$

$$\begin{array}{r} -1000 \\ 642 \\ \hline 358 \end{array}$$

$$\begin{array}{r} + 134 \\ 223 \\ \hline 357 \end{array}$$

$$\begin{array}{r} +746 \\ 910 \\ \hline 1656 \end{array}$$

$$\begin{array}{r} +483 \\ 792 \\ \hline 1275 \end{array}$$

$$\begin{array}{r} +397 \\ 796 \\ \hline 1193 \end{array}$$

$$\begin{array}{r} +763 \\ 237 \\ \hline 1000 \end{array}$$

$$96 - 4 - 6 = \text{ arba } 96 - 6 - 4 =$$

$$34 + 7 + 6 = \text{ arba } 34 + 6 + 7 =$$

$$15 - 0 = 15$$

$$15 - 15 = 0$$

1.

$$146 - \dots = 100 \quad | \quad 382 + \dots = 391 \quad | \quad 786 + \dots = 790 \quad | \quad 406 - \dots = 400 \quad | \quad 300 - \dots = 296$$

2.


Kokius skaitmenis reikia įrašyti vietoj žvaigždučių?

$$\begin{array}{r} + 14^* \\ *56 \\ \hline 499 \end{array}$$

$$\begin{array}{r} +462 \\ * * * \\ \hline 1398 \end{array}$$


$$\begin{array}{r} + * * * \\ 465 \\ \hline 1097 \end{array}$$

$$\begin{array}{r} + * * * \\ 342 \\ \hline 1076 \end{array}$$

$$\begin{array}{r} +763 \\ 23^* \\ \hline 1000 \end{array}$$


3.

$$\begin{array}{r} + 462 \\ * 3^* \\ \hline 10^*1 \end{array}$$

$$\begin{array}{r} +324 \\ * * * \\ \hline 5 40 \end{array}$$


$$\begin{array}{r} +^*06 \\ 3^{**} \\ \hline 930 \end{array}$$

$$\begin{array}{r} +^*6^* \\ 4^*3 \\ \hline 990 \end{array}$$

$$\begin{array}{r} +^{***} \\ 232 \\ \hline 546 \end{array}$$

4.

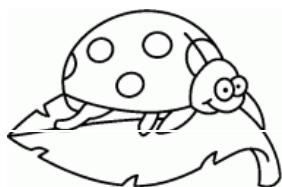
$$\begin{array}{r} - 969 \\ **3 \\ \hline 62^* \end{array}$$

$$\begin{array}{r} -439 \\ *1^* \\ \hline 1^*6 \end{array}$$


$$\begin{array}{r} -726 \\ *** \\ \hline 410 \end{array}$$

$$\begin{array}{r} -752 \\ *3^* \\ \hline 2^*1 \end{array}$$





Natūraliųjų skaičių sudėtis ir atimtis

1. $96 - 66 - 4 =$ $462 - 3 - 62 =$ $77 - 7 - 5 =$
 $32 - 12 - 1 =$ $726 - 20 - 6 =$ $44 - 5 - 4 =$
 $64 - 5 - 4 =$ $382 - 1 - 82 =$ $32 - 9 - 2 =$
 $38 - 9 - 8 =$ $728 - 9 - 8 =$ $43 - 3 - 5 =$

2.

$79 - (30 + 49) = 79 - 49 + 30$



$402 - (2 + 36) =$

$653 - (153 + 60) =$

$931 - (31 + 8) =$

3.

$(300 + 14) - 200 = 300 - 200 + 14$



$(786 + 16) - 86 =$

$(500 + 6) - 100 = 500 - 100 + 6$

$(934 + 7) - 34 =$

4.

$400\text{m} - 320\text{m} =$

$800\text{ml} + 30\text{ml} =$

$4300\text{m} - 300\text{m} =$

$3400\text{g} - 400\text{g} =$

$1400\text{m} - 300\text{m} =$

$400\text{ml} - 200\text{ml} =$

$6234\text{m} - 230\text{m} =$

$482\text{g} - 82\text{g} =$

$2624\text{m} - 600\text{m} =$

$320\text{ml} - 20\text{ml} =$

$1280\text{m} - 280\text{m} =$

$361\text{g} - 1\text{g} =$

5.

a	b	a + b	a - b	(a + b) + 1	(a - b) + 5
5	1				
10	5				
15	5				
20	10				
100	50				

6.

$384 + (82 - 2) = 304$

$900 - (60 + 40) =$

$400 - (88 + 2) =$

1. $82 - 2 = 80$

$800 - (55 - 5) =$

$(22 + 8) - 1 =$

2. $384 - 80 = 304$

$100 + (66 - 6) =$

$(90 + 9) + 1 =$

