

5 ② Time and Elapsed Time

- ① 9:40 ② 9:52
 ③ 10:00 ④ 10:15
 ⑤ 11:15
 ⑥ 20 minutes
 ⑦ 60 minutes
 ⑧ 1 hour
 ⑨ 11:45
 ⑩ 12:15

6 ② Time and Elapsed Time**1**

- ① 7:00 a.m. ② 3:35 p.m.

2

- ③ 24 hours
 ④ 12 hours
 ⑤ 10:12 a.m.
 ⑥ 1:00 p.m.

7 I. A Field Trip**1**

Number of Counters

○			
○	○		
○	○		
○	○	○	
○	○	○	
○	○	○	○
○	○	○	○
○	○	○	○

- ① ② ③ ④

2

- ⑤ 9:02 a.m.
 ⑥ 1:18 p.m.
 ⑦ 7:30 p.m.

3

- ⑧ 60 minutes

8 ① Addition (I)

- ① 35 ② 47
 ③ 78 ④ 68 ⑤ 79
 ⑥ 59 ⑦ 86 ⑧ 97
 ⑨ 89 ⑩ 68

Let's try these!

- ① 89
 ② 88
 ③ 77
 ④ 99

9 ① Addition (1)**1**

- ① 78 ② 66
③ 83 ④ 80 ⑤ 49

2

⑥
$$\begin{array}{r} 20 \\ + 57 \\ \hline 77 \end{array}$$
 ⑦
$$\begin{array}{r} 72 \\ + 6 \\ \hline 78 \end{array}$$
 ⑧
$$\begin{array}{r} 9 \\ + 30 \\ \hline 39 \end{array}$$

⑨
$$\begin{array}{r} 60 \\ + 14 \\ \hline 74 \end{array}$$
 ⑩
$$\begin{array}{r} 40 \\ + 2 \\ \hline 42 \end{array}$$

Let's try these! 

- ① 86
② 88
③ 59
④ 94

10 ① Addition (1)**1**

- ① 39 ② 39

2

③

Algorithm

$$\begin{array}{r} 36 \\ + 21 \\ \hline 57 \end{array}$$

Check

$$\begin{array}{r} 21 \\ + 36 \\ \hline 57 \end{array}$$

④

Algorithm

$$\begin{array}{r} 74 \\ + 5 \\ \hline 79 \end{array}$$

Check

$$\begin{array}{r} 5 \\ + 74 \\ \hline 79 \end{array}$$

11 ① Addition (1)**1**

- ① $14 + 15 = 29$
② 29 students

2

- ③ $32 + 7 = 39$
④ 39 pages

3

- ⑤ $24 + 13 = 37$
⑥ 37 seeds

12 ② Addition (2)

- ① 43 ② 83
③ 63 ④ 61 ⑤ 74
⑥ 82 ⑦ 85 ⑧ 71
⑨ 91 ⑩ 95

Let's try these! 

- ① 62
② 65
③ 91
④ 83

13 ② Addition (2)**1**

- ① 80 ② 40
③ 70 ④ 70 ⑤ 90

2

⑥
$$\begin{array}{r} 32 \\ + 28 \\ \hline 60 \end{array}$$
 ⑦
$$\begin{array}{r} 47 \\ + 33 \\ \hline 80 \end{array}$$
 ⑧
$$\begin{array}{r} 16 \\ + 54 \\ \hline 70 \end{array}$$

⑨
$$\begin{array}{r} 29 \\ + 41 \\ \hline 70 \end{array}$$
 ⑩
$$\begin{array}{r} 34 \\ + 56 \\ \hline 90 \end{array}$$

14 ② Addition (2)**1**

- ① 37 ② 61 ③ 23
④ 73 ⑤ 95

2

⑥
$$\begin{array}{r} 35 \\ + 5 \\ \hline 40 \end{array}$$
 ⑦
$$\begin{array}{r} 22 \\ + 8 \\ \hline 30 \end{array}$$
 ⑧
$$\begin{array}{r} 74 \\ + 6 \\ \hline 80 \end{array}$$

⑨
$$\begin{array}{r} 9 \\ + 61 \\ \hline 70 \end{array}$$
 ⑩
$$\begin{array}{r} 3 \\ + 57 \\ \hline 60 \end{array}$$

15 ② Addition (2)**1**

- ① $37 + 39 = 76$
② 76 students

2

- ③ $26 + 44 = 70$
④ 70 times

3

- ⑤ $8 + 72 = 80$
⑥ 80 cents

16 2. Addition: 2-digit Numbers**1**

- ① 65 ② 67 ③ 39
④ 86 ⑤ 80 ⑥ 87

2

- ⑦ $26 + 42 = 68$
⑧ 68 roses

3

- ⑨ $31 + 9 = 40$
⑩ 40 cards

17 ① Subtraction (I)

- ① 15 ② 22
 ③ 27 ④ 61 ⑤ 33
 ⑥ 31 ⑦ 42 ⑧ 32
 ⑨ 13 ⑩ 46

Let's try these!

- ① 13
 ② 41
 ③ 46
 ④ 21

18 ① Subtraction (I)**1**

- ① 15 ② 3
 ③ 50 ④ 51 ⑤ 30

2

$$\begin{array}{r} 82 \\ - 70 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 93 \\ - 43 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 28 \\ - 24 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 37 \\ - 7 \\ \hline 30 \end{array}$$

Let's try these!

- ① 30
 ② 5
 ③ 32
 ④ 40

19 ① Subtraction (I)**1**

- ① 14 ② 38

2**3**

Algorithm

$$\begin{array}{r} 83 \\ - 51 \\ \hline 32 \end{array}$$

Check

$$\begin{array}{r} 32 \\ + 51 \\ \hline 83 \end{array}$$

4

Algorithm

$$\begin{array}{r} 49 \\ - 7 \\ \hline 42 \end{array}$$

Check

$$\begin{array}{r} 42 \\ + 7 \\ \hline 49 \end{array}$$

20 ① Subtraction (I)**1**

- ① $46 - 11 = 35$
 ② 35 books

2

- ③ $38 - 20 = 18$
 ④ 18 boys

3

- ⑤ $26 - 16 = 10$
 ⑥ 10 tomatoes

21 ② Subtraction (2)

- ① 27 ② 36
 ③ 26 ④ 39 ⑤ 14
 ⑥ 48 ⑦ 28 ⑧ 18
 ⑨ 16 ⑩ 58

Let's try these!

- ① 14
 ② 16
 ③ 24
 ④ 38

22 ② Subtraction (2)**1**

- ① 13 ② 5
 ③ 16 ④ 8 ⑤ 9

2

$$\begin{array}{r} 70 \\ -42 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 90 \\ -58 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 85 \\ -76 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 43 \\ -37 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 60 \\ -53 \\ \hline 7 \end{array}$$

23 ② Subtraction (2)**1**

- ① 38 ② 66 ③ 45
 ④ 54 ⑤ 26

2

$$\begin{array}{r} 30 \\ -2 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 80 \\ -6 \\ \hline 74 \end{array}$$

$$\begin{array}{r} 90 \\ -8 \\ \hline 82 \end{array}$$

$$\begin{array}{r} 50 \\ -4 \\ \hline 46 \end{array}$$

$$\begin{array}{r} 70 \\ -7 \\ \hline 63 \end{array}$$

24 ② Subtraction (2)**1**

- ① $70 - 44 = 26$
 ② 26 cents

2

③ $64 - 55 = 9$

- ④ 9 pages

3

⑤ $45 - 28 = 17$

- ⑥ Her brother has 17 more.

25 3. Subtraction: 2-digit Numbers**1**

- ① 13 ② 4 ③ 20
④ 29 ⑤ 11 ⑥ 47

2

- ⑦ $70 - 33 = 37$
⑧ 37 red marbles

3

- ⑨ $43 - 27 = 16$
⑩ There are 16 more white flowers.

26 Check (1)**1**

$$\begin{array}{r} ① \quad 35 \\ + 24 \\ \hline 59 \end{array} \quad \begin{array}{r} ② \quad 46 \\ + 47 \\ \hline 93 \end{array} \quad \begin{array}{r} ③ \quad 8 \\ + 62 \\ \hline 70 \end{array}$$

$$\begin{array}{r} ④ \quad 75 \\ - 36 \\ \hline 39 \end{array} \quad \begin{array}{r} ⑤ \quad 56 \\ - 48 \\ \hline 8 \end{array} \quad \begin{array}{r} ⑥ \quad 90 \\ - 6 \\ \hline 84 \end{array}$$

2

- ⑦ $29 + 41 = 70$
⑧ 70 origami cranes
⑨ $41 - 29 = 12$
⑩ Susan, 12 more

27 ① How to Measure Length**1**

- ① *cm*
② *9cm*

2

- ③ *6cm*
④ *7cm*
⑤ *5cm*

28 ② Units of Length**1**

- ① 1 (*mm*) ② 1 (*cm*)
③ *mm*

2

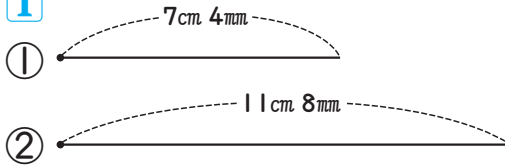
- ④ 12*cm* 7*mm*

3

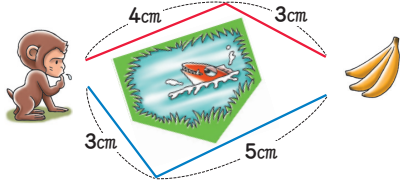
- ⑤ 19*cm* 2*mm* ⑥ 26*cm* 4*mm*
(± 1 *mm*) (± 1 *mm*)

29 ② Units of Length

1



2



③ $4 + 3 = 7$

7cm

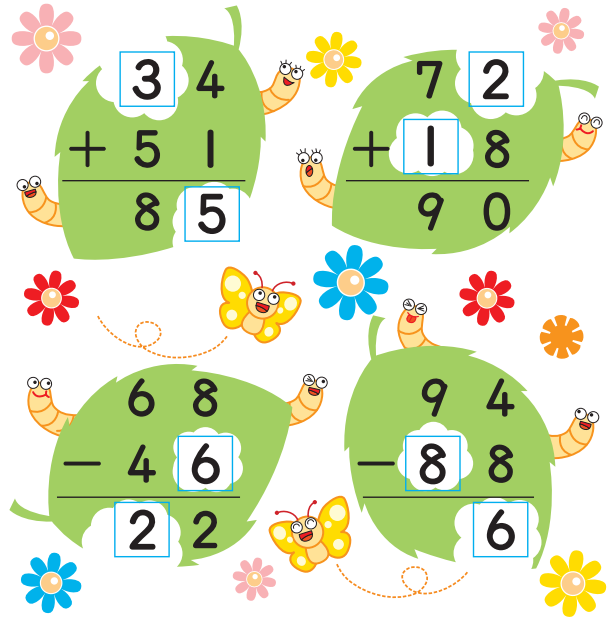
④ $3 + 5 = 8$

8cm

⑤ $8 - 7 = 1$

1cm

30 Let's solve a calculation puzzle!



31 ① How to Write Numbers

1

① 3, 2, 7

② 327

③ 3

2

④ 252 ⑤ 330

⑥ 143 ⑦ 205

⑧ 894 ⑨ 620 ⑩ 500

32 ① How to Write Numbers

◆

① 364

② 8, 2

③ 519

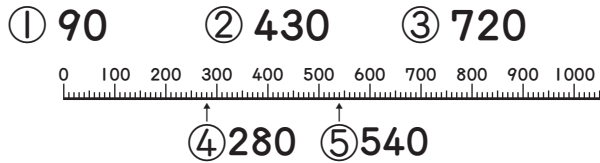
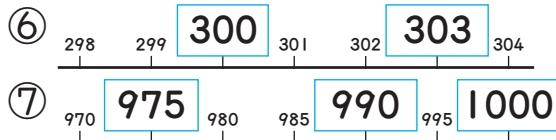
④ 300, 50, 7

⑤ 590

⑥ 740

⑦ 43

⑧ 82

33 ① How to Write Numbers**1****2****3**

- ⑧ 799
⑨ 1000
⑩ 900

34 ② Calculation with Tens and Hundreds**1**

① $50 + 60 = 110$ 110
② $110 - 30 = 80$ 80

2

- ③ 110 ④ 560
⑤ 603 ⑥ 900
⑦ 50 ⑧ 300
⑨ 700 ⑩ 200

35 ③ Comparing Numbers**1**

- ① $>$ ② $<$
③ $<$ ④ $>$

2

- ⑤ 1, 2, 3, 4, 5 ⑥ 4, 5, 6, 7, 8, 9

3

- ⑦ $<$ ⑧ $>$
⑨ $=$ ⑩ $<$

36 5. Numbers up to 1000**1**

- ① 935
② 708
③ 260
④ 1000

2

- ⑤ 750 ⑥ 1000

3

- ⑦ 110 ⑧ 400

4

- ⑨ $>$ ⑩ $=$

37 ① How to Measure Capacity**1**

- ① c
② 500ml

2

- ③ 700ml
④ 800ml
⑤ ④

38 ② Units of Capacity**1**

- ① 1 l 500ml ② 2 l 400ml
(1500ml) (2400ml)

2

- ③ 1000 ④ 1100
⑤ 1 ⑥ 1900
⑦ 1, 50 ⑧ 100

3

- ⑨ 1 l 300ml (800 + 500 = 1300)
(1300ml)
⑩ 300ml (800 - 500 = 300)

39 Check(2)**1**

- ① 628
② 580
③ 950

2

- ④  ⑤ 

3

- ⑥ 9cm 2mm
⑦ 92mm

4

- ⑧ 1 l 800ml
⑨ 1 l

40 ① Addition: 3 Addends**1**

- ① 13, 19
② 10, 19
③ same

2

- ④ $28 + (6 + 14)$
⑤ $(3 + 17) + 9$

3

- ⑥ $5 + (16 + 4) = 25$
⑦ $12 + (7 + 13) = 32$
⑧ $8 + (5 + 25) = 38$
⑨ $9 + (42 + 8) = 59$
⑩ $26 + (31 + 9) = 66$

41 ② Mental Calculation**1**

① 4

11

41

② 14

7

27

2

③ 31

⑤ 54

⑦ 18

⑨ 47

④ 53

⑥ 61

⑧ 68

⑩ 75

42 Let's find math sentences in a puzzle!

0	1	2	3	4	5	4	1	3	2	0
12	8	4	1	5	2	6	9	8	1	10
1	9	10	6	2	7	3	4	6	10	2
15	8	7	2	9	1	6	8	14	4	10
3	3	6	6	0	0	5	5	10	10	9

Addition (9) Subtraction (8)

43 ① Addition: 3-digit Numbers**1**

① 565

② 558 ③ 598 ④ 377

⑤ 683 ⑥ 685 ⑦ 293

2

⑧
$$\begin{array}{r} 315 \\ + 402 \\ \hline 717 \end{array}$$

⑨
$$\begin{array}{r} 753 \\ + 27 \\ \hline 780 \end{array}$$

⑩
$$\begin{array}{r} 45 \\ + 607 \\ \hline 652 \end{array}$$

44 ① Addition: 3-digit Numbers**1**

① 428

② 956 ③ 511 ④ 910

⑤ 804 ⑥ 900 ⑦ 143

2

⑧
$$\begin{array}{r} 372 \\ + 237 \\ \hline 609 \end{array}$$

⑨
$$\begin{array}{r} 746 \\ + 83 \\ \hline 829 \end{array}$$

⑩
$$\begin{array}{r} 30 \\ + 70 \\ \hline 100 \end{array}$$

45 ① Addition: 3-digit Numbers**1**

① 552

② 953 ③ 780 ④ 615

⑤ 361 ⑥ 144 ⑦ 170

2

⑧
$$\begin{array}{r} 347 \\ + 186 \\ \hline 533 \end{array}$$

⑨
$$\begin{array}{r} 23 \\ + 597 \\ \hline 620 \end{array}$$

⑩
$$\begin{array}{r} 68 \\ + 45 \\ \hline 113 \end{array}$$

46 ① Addition: 3-digit Numbers**1**

① 801

② 801 ③ 700 ④ 305

⑤ 603 ⑥ 103 ⑦ 100

2

⑧
$$\begin{array}{r} 314 \\ + 586 \\ \hline 900 \end{array}$$

⑨
$$\begin{array}{r} 6 \\ + 298 \\ \hline 304 \end{array}$$

⑩
$$\begin{array}{r} 99 \\ + 7 \\ \hline 106 \end{array}$$

47 ① Addition: 3-digit Numbers**1**

① $164 + 173 = 337$

② 337 students

2

③ $679 + 235 = 914$

④ 914 books

3

⑤ $259 + 45 = 304$

⑥ 304 yen

48 ② Subtraction: 3-digit Numbers**1**

① 419

② 212 ③ 30 ④ 407

⑤ 639 ⑥ 925 ⑦ 303

2

⑧
$$\begin{array}{r} 678 \\ - 604 \\ \hline 74 \end{array}$$

⑨
$$\begin{array}{r} 981 \\ - 375 \\ \hline 606 \end{array}$$

⑩
$$\begin{array}{r} 852 \\ - 846 \\ \hline 6 \end{array}$$

49 ② Subtraction: 3-digit Numbers**1**

① 183

② 474 ③ 262 ④ 70

⑤ 282 ⑥ 479 ⑦ 85

2

$$\begin{array}{r} \textcircled{8} \quad 854 \\ - 580 \\ \hline 274 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 620 \\ - 80 \\ \hline 540 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 107 \\ - 67 \\ \hline 40 \end{array}$$

50 ② Subtraction: 3-digit Numbers**1**

① 145

② 456 ③ 195 ④ 69

⑤ 99 ⑥ 259 ⑦ 77

2

$$\begin{array}{r} \textcircled{8} \quad 430 \\ - 257 \\ \hline 173 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 771 \\ - 76 \\ \hline 695 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 180 \\ - 89 \\ \hline 91 \end{array}$$

51 ② Subtraction: 3-digit Numbers**1**

① 174

② 254 ③ 68 ④ 349

⑤ 38 ⑥ 495 ⑦ 99

2

$$\begin{array}{r} \textcircled{8} \quad 700 \\ - 231 \\ \hline 469 \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 304 \\ - 296 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 203 \\ - 95 \\ \hline 108 \end{array}$$

52 ② Subtraction: 3-digit Numbers**1**

① $335 - 246 = 89$

② 89 people

2

③ $216 - 78 = 138$

④ 138 pages

3

⑤ $5\text{ m} = 500\text{ cm}$

$1\text{ m } 45\text{ cm} = 145\text{ cm}$

$500 - 145 = 355$

$355\text{ cm} = 3\text{ m } 55\text{ cm}$

⑥ $3\text{ m } 55\text{ cm}$

53 8. Calculation with 3-digit Numbers

- ① 854 ② 962 ③ 612
 ④ 146 ⑤ 301
 ⑥ 399 ⑦ 193 ⑧ 446
 ⑨ 367 ⑩ 602

54 8. Calculation with 3-digit Numbers**1**

- ① $248 + 95 = 343$
 ② 343 yen

2

- ③ $500 - 399 = 101$
 ④ 101 yen

3

- ⑤ $425 - 78 = 347$
 ⑥ 347 books

55 How Can You Calculate?**1**

- ① $320 + 185 = 505$
 ② 505 yen

2

- ③ $320 - 45 = 275$
 ④ 275 yen

3

- ⑤ $500 - 228 = 272$
 ⑥ 272 yen

56 Check(3)**1**

$$\begin{array}{r} ① \quad 691 \\ + 283 \\ \hline 974 \end{array} \qquad \begin{array}{r} ② \quad 349 \\ + 182 \\ \hline 531 \end{array}$$

$$\begin{array}{r} ③ \quad 88 \\ + 417 \\ \hline 505 \end{array} \qquad \begin{array}{r} ④ \quad 915 \\ - 295 \\ \hline 620 \end{array}$$

$$\begin{array}{r} ⑤ \quad 742 \\ - 643 \\ \hline 99 \end{array} \qquad \begin{array}{r} ⑥ \quad 203 \\ - 136 \\ \hline 67 \end{array}$$

2

- ⑦ $465 + 245 = 710$
 ⑧ 710 yen
 ⑨ $800 - 710 = 90$
 ⑩ 90 yen