

Solutions

How to read the solutions

The solutions are ordered by book page; each exercise appears under its title from the book. Answers follow the reading order in the book: row by row, left to right; multiple values are separated by |. For picture exercises, a small sketch shows the finished solution.

Review up to 20

Fill in the plus tables

11, 15, 17	11, 12, 15	12, 16, 20
13, 17, 19	16, 17, 20	8, 12, 16
9, 13, 15	13, 14, 17	11, 15, 19
7, 11, 13	9, 10, 13	9, 13, 17

Plus and minus mixed

7 | 4 | 9
6 | 15 | 8
7 | 15 | 7
5 | 6 | 19

Euli made a mistake

11 | 13
8 | 8
15 | 16
9 | 8

Twenty frame: spot it fast

14 | 17
9 | 20
12 | 15

Magic triangles - sum 12

3, 2, 5, 1, 6 | 4, 3, 2, 1 | 1, 2, 5, 3 | 4, 5, 1, 6

Find the date in the calendar

left: 8, 13, 5 | right: 15, 19, 9

Calculate over ten - addition

7+3+3=13 | 8+2+5=15
9+1+4=14 | 6+4+4=14
8+2+3=13 | 9+1+6=16
7+3+5=15 | 6+4+5=15

Bridge over ten - addition

6+4+5=15 | 7+3+1=11
8+2+6=16 | 9+1+5=15
5+5+3=13 | 7+3+5=15
6+4+1=11 | 9+1+7=17

Minus table

7, 3, 1	5, 4, 1	10, 6, 2
9, 5, 3	10, 9, 6	8, 4, 0
16, 12, 10	7, 6, 3	13, 9, 5
6, 2, 0	4, 3, 0	17, 13, 9

Twenty frame: calculating over ten

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

How many are there together?

11 | 16
15 | 13
15 | 18

Find the right path!

2+3+4=9 | 1+6+8=15
2+5+4=11 | 1+2+3+4=10
8+4+5=17 | 8+3+9=20

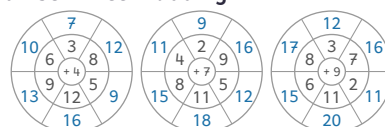
Magic square - sum 15

9, 3, 7, 8, 1 | 2, 6, 9, 1, 3 | 8, 6, 7, 4, 2

Squares up to 20

3 5	4 7	6 4	7 2	5 6
6 2	8 3	5 9	3 8	9 4
8 3	2 9	9 4	6 7	3 6
2 7	7 5	6 8	4 8	4 7

Number wheel - adding



Arrow arithmetic

+6, -10, +4, -2, +6
+9, -12, -6, +9
-4, +1, -5
+7, -12, +7, 11
5, -8, +2, +3, 10
11, -5, -3, +4, 8

Secret wizard writing

13 | 6 | 12
10 | 3 | 11
11 | 2 | 5

Twenty frame: draw and count

10 | 18
13 | 20
16 | 19

Escape the dungeon!

11, 16, 11, 6, 4, 1, 5, 4 | 14, 11, 12, 9, 15, 17, 20

On the playground

13 | 8 | 16 | 7 | 13

Mixed table (plus and minus)

11, 15, 17	9, 8, 5	5, 9, 13
13, 17, 19	10, 9, 6	8, 12, 16
9, 13, 15	7, 6, 3	11, 15, 19
7, 11, 13	6, 5, 2	9, 13, 17

Color the numbers

even: 6, 4, 10, 14, 18 | even: 8, 2, 16, 4, 20

Boss level: review up to 20

3+5=8, 4+6=10, 8+10=18 | 2+7=9, 5+6=11, 9+11=20
1+3=4, 2+4=6, 4+6=10, 10+4=14, 14+5=19
2+5=7, 3+1=4, 7+4=11, 11+2=13, 13+4=17

Numbers up to 100

Adding whole tens

30 | 90 | 60
70 | 90 | 90
60 | 60 | 90
50 | 60 | 100

Double in the table

4 | 10 | 16 | 20 | 24 | 30 | 6 | 12 | 18 | 22 | 28 | 52

Counting in twos

26 | 68
36 | 84

Solutions

50 | 82

62 | 92

Another plus table

25, 30, 35 19, 27, 33 25, 29, 38

40, 45, 50 32, 40, 46 34, 38, 47

45, 50, 55 37, 45, 51 48, 52, 61

60, 65, 70 51, 59, 65 61, 65, 74

Magic square - sum 24

4, 10, 6, 12 | 4, 6, 10, 12 | 9, 11, 8, 5, 7

Time spans and units

60 | 24 | 30 | 45 | 7

Easy caterpillars

40, 60 | 70, 60, 80

40, 70 | 60, 50, 30

Find the secret card

28 | 32 | 35

41 | 59 | 38

15 | 19 | 23

51 | 47 | 54

How to read the clock

3:00 | 3:00 | 6:00 | 9

12:15 | 7:45 | 2 | 10:00

4:15 | 1 | 8:45 | 5:00

Adding ones

64 | 38 | 95

59 | 48 | 28

84 | 56 | 47

19 | 79 | 68

Double in the table

6 | 12 | 18 | 22 | 28 | 36 | 8 | 14 | 20 | 26 | 32 | 54

The hundred chart

12, 23, 34, 45, 56, 67, 78, 89

Find the neighbors!

24, 26 | 39, 41 | 57, 59

72, 74 | 90, 92 | 13, 15

26, 28 | 37, 39 | 45, 47

51, 53 | 60, 62 | 67, 69

Minus table

45, 40, 30 41, 33, 27 49, 44, 33

65, 60, 50 56, 48, 42 59, 54, 43

75, 70, 60 71, 63, 57 84, 79, 68

60, 55, 45 48, 40, 34 72, 67, 56

Neighbor problems - clever calculating

41 | 49 | 61 | 31 | 43

In steps of five and ten

20 | 60

40 | 45

55 | 63

70 | 56

Sorting numbers

even: 24, 50, 88 | odd: 37, 63, 41

The number tree grows

34, 25 | 83, 26, 17

Two-digit plus one-digit

28 | 68 | 69

38 | 80 | 59

58 | 19 | 79

48 | 89 | 99

Halve in the table

2 | 4 | 5 | 7 | 9 | 10 | 3 | 6 | 8 | 11 | 12 | 26

The wizard and the owl share stars

11 | 7 | 17 | 9 | 19 | 13 | 15

Build up the wall!

43, 20, 23 | 76, 40, 36 | 42, 22, 20

54, 29, 25 | 50, 27, 23 | 75, 33, 42

54, 23, 31 | 56, 25, 31 | 65, 28, 37

More plus tables

29, 36, 45 34, 42, 50 25, 32, 43

47, 54, 63 51, 59, 67 42, 49, 60

66, 73, 82 61, 69, 77 61, 68, 79

79, 86, 95 79, 87, 95 80, 87, 98

Plus table: the sum of each row on the right

8, 6, 9, 5, 14 | 35, 30, 38, 27, 65 | 39, 33, 41, 31, 72

With tens

30, 45 | 65, 55, 75

50, 70 | 60, 75, 95

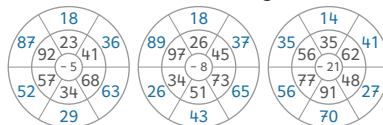
Tens in the flower

20, 30, 40, 50, 60, 70, 80, 90, 100

80, 70, 60, 50, 40, 30, 20, 10, 0

10, 15, 20, 25, 30, 35, 40, 45, 50

Number wheel - subtracting



Nine and eleven more and less

25, 43 | 28, 39 | 17, 26

57, 66 | 54, 76 | 65, 87

31, 42 | 74, 83 | 45, 54

62, 80 | 49, 60 | 42, 53

Two-digit plus two-digit

89 | 88 | 99

78 | 97 | 68

93 | 85 | 95

69 | 76 | 79

Double in the table

32 | 42 | 50 | 60 | 68 | 80 | 36 | 46 | 54 | 64 | 72 | 88

Sorting numbers once more

even: 92, 66, 78 | odd: 27, 35, 43

O'clock and half-past times

8:00 | 3 | 11:00 | 6

1:00 | 9 | 4:00 | 7

10:00 | 2:00 | 12:00 | 5

Minus table up to 100

26, 22, 15 23, 19, 12 29, 23, 16

56, 52, 45 42, 38, 31 48, 42, 35

86, 82, 75 58, 54, 47 66, 60, 53

41, 37, 30 76, 72, 65 90, 84, 77

Math stories

46 | 32 | 23 | 75 | 25

Magic square - sum 30

6, 12, 8, 14 | 6, 8, 12, 14 | 7, 11, 10, 9, 13

Ingredients for the dungeon pot

70, 52, 82, 60, 56 → yes

35, 72, 57, 85, 56 → yes

75, 47, 71, 52, 78 → no

Solutions

Calculate with the cards

86 | 94 | 93
49 | 44 | 48
85 | 87 | 87
22 | 45 | 14

Plus up to 100 - find the result

59 | 97 | 38
75 | 74 | 73
87 | 79 | 64
80 | 76 | 65

Break into tens and ones

4 | 50 | 2 | 40 | 9
60 | 7 | 90 | 8 | 70

Halve in the table

20 | 25 | 30 | 35 | 40 | 45 | 22 | 27 | 33 | 36 | 43 | 48

Neighbor Numbers

33, 35 | 66, 68 | 11, 13
84, 86 | 48, 50 | 75, 77
27, 29 | 52, 54 | 40, 42
18, 20 | 94, 96 | 62, 64

Fill in the missing numbers!

10, 30, 50
50, 70, 90
5, 15, 25
50, 60, 70
30, 40, 50
75, 85, 95

Complete the hundred chart

4, 7, 9, 10, 12, 15, 18, 20, 23, 26, 28, 30, 31, 34, 37, 39, 43, 46,
49, 50, 52, 55, 58, 60, 63, 65, 68, 70, 72, 74, 77, 80, 83, 86, 89,
90, 92, 94, 97, 100

Compare the numbers

< | > | > | >
= | < | < | <
> | = | < | =
< | < | > | <

Counting in eevens

40 | 75
47 | 89
54 | 62
68 | 40

Add in the golem pyramid

60, 31, 29 | 64, 33, 31 | 66, 35, 31

Plus up to 100 - what is missing?

53 | 33 | 48
36 | 49 | 53
47 | 45 | 19
48 | 46 | 48

Rounding to Tens

30 | 80 | 50 | 90 | 20 | 70 | 20 | 90

Double in the table

48 | 66 | 76 | 84 | 94 | 100 | 52 | 70 | 78 | 82 | 92 | 98

Addition across the ten

38+2+4=44 | 47+3+5=55
69+1+6=76 | 85+5+4=94
26+4+1=31 | 57+3+4=64
74+6+2=82 | 63+7+2=72

Color the numbers

even: 76, 100, 42, 68, 84 | even: 38, 60, 16, 50, 72

Double the number!

40 | 90 | 100
60 | 30 | 80
70 | 50 | 64
20 | 28 | 10

Estimating: round first, then work it out in your head

90 | 50 | 70 | 50 | 80 | 50

How much does this cost altogether?

\$6 | \$12
\$11 | \$15

Pick the right cards

21+49 | 40+46
41+43 | 48+27
44+37 | 54+24
47+13 | 34+55

Subtracting whole tens

30 | 40 | 30
40 | 60 | 10
40 | 20 | 70
50 | 20 | 20

Halve the number!

12 | 15 | 19 | 21
23 | 27 | 28 | 30
34 | 36 | 38 | 41
44 | 45 | 47 | 50

Sharing tens numbers fairly

25 | 10 | 35 | 20 | 40 | 15 | 30

Find the missing numbers!

25, 10, 20 | 38, 32, 12 | 36, 18
38, 36, 16 | 71, 39, 18 | 64, 37, 11
74, 33, 17 | 62, 32, 11 | 35, 41, 20

Plus table: bigger numbers

44, 40, 46, 38, 84 | 34, 30, 36, 28, 64 | 28, 24, 30, 22, 52

Halve in the table

16 | 20 | 24 | 28 | 32 | 35 | 18 | 22 | 26 | 30 | 34 | 49

Tricky caterpillars

63, 40 | 62, 81, 96
44, 59 | 82, 65, 85

Adding up containers

27 | 27
28 | 29
25 | 24

The secret card with minus

34 | 27 | 48 | 47
23 | 38 | 24 | 29
33 | 47 | 38 | 49
49 | 75 | 48 | 23

Subtracting ones

71 | 93 | 86
81 | 80 | 82
92 | 96 | 90
72 | 72 | 91

Turn the problem around

35, 20 | 42, 18 | 54, 23
28, 45 | 36, 27 | 49, 31
25, 14 | 38, 26 | 17, 52

Steps of five

60, 65, 70, 75, 80, 85, 90, 95, 100
45, 40, 35, 30, 25, 20, 15, 10, 5

Solutions

90, 80, 70, 60, 50, 40, 30, 20, 10

Big plus table

38, 45, 52 40, 47, 55 37, 45, 54
 53, 60, 67 56, 63, 71 53, 61, 70
 66, 73, 80 68, 75, 83 64, 72, 81
 83, 90, 97 84, 91, 99 79, 87, 96

Breaking numbers apart

60, 12, 72 | 60, 14, 74 | 70, 11, 81 | 70, 12, 82 | 80, 11, 91
 70, 13, 83

How much money is here?

\$5 | \$12 | \$10
 \$6 | \$15 and 50¢ | \$16
 \$8 | \$7 | \$7 and 50¢
 \$11 and 50¢ | \$17 | \$23

Which bills and coins do you need?

\$5 + \$1 + \$1
 \$5 + \$5 + \$1 + \$1 + 25¢ + 25¢
 \$5 + \$1 + \$1 + \$1 + 25¢ + 25¢ + 10¢ + 10¢
 \$5 + 25¢ + 10¢ + 5¢
 \$5 + \$5 + \$5 + 10¢ + 10¢
 \$5 + \$1 + \$1 + \$1 + \$1 + 25¢ + 25¢ + 25¢ + 10¢ + 5¢
 \$5 + \$5 + \$1 + 25¢ + 5¢

Quarter hours

2:15 | 5:45 | 8:15 | 10:45
 1:45 | 4:15 | 7:45 | 11:15
 3:45 | 6:15 | 9:45 | 12:45

Two-digit minus two-digit

33 | 43 | 43
 44 | 33 | 44
 44 | 22 | 42
 35 | 63 | 41

What time is it later?

7:00, 9:00 | 3:00, 7:00
 9:00, 9 | 1:00, 4:00
 6, 8 | 10:00, 10

Magic triangles with multiples of five

30, 25, 10, 20, 15 | 5, 15, 10, 25 | 25, 15, 20, 5 | 20, 25, 5, 30

Another number tree

33, 27 | 89, 24, 17

Shopping

62 | 45 | 27 | 30 | 28

Magic square - sum 45

11, 17, 13, 19 | 11, 13, 17, 19 | 17, 16, 19, 13, 18

Playground games

23 | 17 | 31 | 28 | Jump rope

Combining shapes and patterns

6 | 3 | 2 | 3 | 2

Certain, possible or impossible?

possible | impossible | certain | possible

Who am I?

34 | 57 | 70 | 86 | 44 | 90 | 73 | 28

Minus up to 100 - find the result

53 | 45 | 53
 45 | 35 | 45
 26 | 39 | 27
 56 | 28 | 45

Math squares: bigger numbers

32	25	28	35	33	26	34	22	28	24
28	22	30	25	24	31	24	26	30	22
6	12	13	7	5	11	8	8	7	12
11	5	4	14	12	9	8	9	9	8

Find the way!

10+15+25=50 | 15+25+20=60
 30+10+15=55 | 20+15+10+5=50
 25+10+15=50 | 10+20+15+40=85

Which ingredients match the cauldron?

65, 53, 83, 75, 97 → no
 55, 75, 57, 70, 83 → yes
 77, 60, 70, 55, 83 → yes

Nineteen and twenty-one

26, 64 | 71, 90 | 34, 53
 58, 79 | 26, 68 | 8, 50
 43, 62 | 7, 26 | 39, 58
 13, 55 | 68, 89 | 53, 74

Tens table: left plus top

20, 30, 40, 50, 60 | 30, 40, 50, 60, 70 | 40, 50, 60, 70, 80
 50, 60, 70, 80, 90 | 60, 70, 80, 90, 100 | 31, 41, 51, 61, 71
 43, 53, 63, 73, 83 | 47, 57, 67, 77, 87 | 52, 62, 72, 82, 92
 55, 65, 75, 85, 95

How many tens, how many ones?

2, 3 | 4, 7 | 6, 5 | 9, 2 | 8, 9 | 4, 1

Wizard writing for beginners

36 | 19 | 17
 43 | 8 | 34
 53 | 26 | 45

Writing numbers up to 100

13 | 24 | 36 | 47 | 58 | 65 | 71 | 82 | 90 | 99

Color the number on the poles

34 (3 Z + 4 E) | 52 (5 Z + 2 E) | 27 (2 Z + 7 E) | 60 (6 Z + 0 E)
 45 (4 Z + 5 E) | 18 (1 Z + 8 E) | 73 (7 Z + 3 E) | 96 (9 Z + 6 E)
 81 (8 Z + 1 E) | 39 (3 Z + 9 E) | 14 (1 Z + 4 E) | 67 (6 Z + 7 E)
 25 (2 Z + 5 E) | 88 (8 Z + 8 E)

Minus up to 100 - what is missing?

45 | 35 | 35
 47 | 36 | 45
 43 | 47 | 35
 45 | 54 | 49

Twenty-four and twenty-six

26, 74 | 40, 64 | 55, 79
 45, 71 | 61, 87 | 32, 84
 52, 76 | 20, 68 | 44, 68
 37, 89 | 47, 73 | 52, 78

Build the number from Z and E

25 | 43 | 69 | 87 | 31 | 54 | 70 | 96 | 18 | 42 | 61 | 84 | 28 | 57
 36 | 93 | 72 | 15 | 64 | 98

Putting together

47 | 23 | 81 | 59 | 65
 38 | 74 | 96 | 12 | 88

Numerion turns the number: tens and ones swap

26 | 74 | 53 | 18 | 92 | 65

Numerion bundles the ones

53 | 37 | 61 | 49 | 72 | 28 | 84 | 56

Counting hits in the table

Cross (×2): 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
 Circle (×5): 5, 10, 15, 20 | Both marks: 10, 20

Solutions

Cards up to 100

93 | 96 | 97
37 | 57 | 39
85 | 92 | 91
45 | 44 | 27

One is missing - which one?

36 | 49
70 | 81
45 | 99
24 | 14

Filling in numbers

21, 22, 24, 26, 27, 29
41, 43, 44, 46, 47, 49
71, 72, 73, 75, 77, 78, 79
51, 53, 54, 56, 58, 59
81, 82, 84, 85, 87, 89
31, 33, 35, 36, 38, 39

What is missing?

32 | 35 | 23
64 | 68 | 59
43 | 45 | 42
89 | 69 | 56

Compare the calculations

$60 > 55$ | $50 > 45$ | $50 = 50$
 $50 < 55$ | $60 > 55$ | $50 < 55$
 $70 = 70$ | $80 < 85$ | $45 = 45$
 $60 = 60$ | $70 = 70$ | $60 > 55$

Find the pattern

4, 14, 24, 54, 64, 84, 94 | 70, 73, 75, 78, 79

Sort from smallest to largest!

$12 < 45 < 78$
 $34 < 56 < 90$
 $23 < 41 < 67$
 $15 < 62 < 88$

Rounding to Tens

40 | 30 | 90 | 60 | 70 | 90 | 40 | 10

Hundred chart with patterns

11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 35, 45, 55, 65, 75, 85, 88, 99

More counting in elevens

36 | 70
39 | 84
42 | 63
56 | 47

Swap problems in addition

$23+45=45+23$ | $41+19=19+41$
 $17+36=36+17$ | $26+53=53+26$
 $30+52=52+30$ | $34+48=48+34$
 $15+28=28+15$ | $12+57=57+12$

The golem counts up to 100

78, 41, 37 | 82, 43, 39 | 84, 41, 43

Easy chains

64 | 45
45 | 52
35 | 50
45 | 65

Subtraction across the ten

$35-5-4=26$ | $42-2-3=37$
 $54-4-2=48$ | $73-3-5=65$

$61-1-3=57$ | $86-6-1=79$

$24-4-2=18$ | $93-3-2=88$

Continue the number pattern

66, 68, 70 | 87, 89, 91 | 96, 98, 100

Double the number!

52 | 36 | 46
70 | 66 | 54
62 | 84 | 96
26 | 34 | 42

Estimating: which result comes closest?

80 | 30 | 80 | 30 | 90 | 30

Halve the number!

13 | 16 | 18 | 22
24 | 25 | 29 | 32
33 | 35 | 39 | 40
42 | 46 | 48 | 49

Tricky sharing

32 | 18 | 44 | 24 | 50 | 28 | 36

Tall walls

96, 10, 86, 6, 4, 82 | 64, 33, 31, 16, 17, 14
73, 36, 37, 17, 19, 18, 8, 9, 10, 8 |
74, 36, 38, 16, 20, 18, 7, 9, 11, 7

Tricky chains

30 | 65
50 | 50
40 | 36
43 | 65

Big math square

18	15	20	24	16	18	19	21	17
22	12	19	15	27	14	16	20	22
14	25	16	20	13	22	23	14	18

How much change?

\$2 | \$11
\$1 | \$9

Long caterpillar

79, 99, 64, 94, 76, 90
95, 60, 85, 55, 70, 90

Two cards, one target

$18+36$ | $37+40$
 $26+50$ | $46+36$
 $45+36$ | $48+42$
 $15+36$ | $26+44$

Number houses

30, 35, 45, 22 | 42, 45, 38, 33 | 50, 35, 25, 68 | 39, 58, 61, 34
38, 43, 17, 12 | 50, 25, 35, 72 | 42, 35, 16, 57

Halve in the table

22 | 29 | 33 | 39 | 45 | 50 | 23 | 27 | 31 | 40 | 44 | 48

Plus table up to 100

40, 40, 46, 34, 80 | 50, 40, 59, 31, 90 | 40, 40, 52, 28, 80

Find the reverse

80, 80 | 67, 67 | 91, 91
75, 75 | 84, 84 | 96, 96
58, 58 | 72, 72 | 89, 89

Three containers together

36 | 37
40 | 38

Big minus table

Solutions

39, 32, 24 43, 36, 28 40, 32, 24
 54, 47, 39 61, 54, 46 58, 50, 42
 69, 62, 54 75, 68, 60 71, 63, 55
 89, 82, 74 92, 85, 77 89, 81, 73

Steps of seven

44, 51, 58, 65, 72, 79, 86, 93, 100
 93, 86, 79, 72, 65, 58, 51, 44, 37
 84, 70, 56, 42, 28, 14

Crossing the ten

80, 14, 94 | 60, 16, 76 | 80, 13, 93 | 70, 15, 85 | 70, 13, 83
 80, 12, 92

Rule houses

75, 43, 86 | 78, 62, 94 | 73, 56, 85 | 91, 65, 79 | 85, 61, 68

Dollars before the point, cents after

\$3 and 78¢ | \$2 and 67¢ | \$4 and 74¢ | \$5 and 89¢

Counting lots of money

\$10 and 70¢ | \$8
 \$18 | \$28
 \$14 and 50¢ | \$8 and 75¢
 \$20 | \$20 and 60¢

Make the amounts

\$5 + \$5 + \$5
 \$5 + \$1 + 25¢ + 5¢
 \$5 + \$5 + \$5 + \$5
 \$5 + \$5 + \$1 + 25¢ + 25¢ + 25¢ + 5¢
 \$5 + \$1 + \$1 + \$1 + \$1 + 25¢
 \$5 + \$5 + \$5 + \$1 + \$1 + 25¢ + 25¢ + 10¢
 \$5 + \$5 + \$1 + \$1 + \$1 + 25¢ + 10¢ + 10¢

Prices with a decimal point

\$1 and 28¢ | \$2 and 40¢ | \$3 and 18¢ | \$4 and 30¢ | \$5 and 40¢
 \$6 and 10¢ | \$7 and 24¢ | \$8 and 10¢

To the exact minute

3:10 | 7:25 | 11:40 | 1:05
 5:35 | 9:50 | 2:20 | 6:55
 10:05 | 4:20 | 8:50 | 12:35

Calculating with the calendar

15 | 22 | 7 | 11

Euli calculates up to 100

54 | 67
 42 | 45
 63 | 93
 45 | 45

Hands and clock time

2:00, 7:00 | 8, 11
 4:00, 4 | 5, 9
 11:00, 11 | 1, 2

Magic triangles with multiples of six

36, 30, 12, 24, 18 | 6, 18, 12, 30 | 30, 18, 24, 6 | 24, 30, 6, 36

Rule houses with minus

64, 27, 53 | 62, 25, 39 | 52, 34, 66 | 57, 23, 36 | 41, 16, 24

Tricky problems

61 | 57 | 44 | 52 | 24

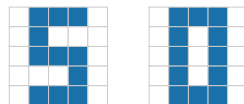
Magic square - sum 15

9, 4, 7, 3, 6, 8 | 1, 8, 7, 3, 2, 4 | 3, 8, 9, 2, 6

Combining more patterns

9 | 3 | 3 | 3

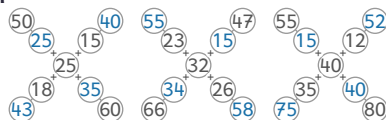
Number magic in the grid



Secret wizard writing up to 100

65 | 50 | 43
 51 | 22 | 58
 73 | 8 | 15

Spider wheel - addition



A triple portion up to 100

36, 75, 93 | 66, 39, 30
 63, 45, 90 | 99, 42, 72
 33, 96, 60 | 48, 69, 93

Another number puzzle

83 | 42 | 62 | 75

Stamps in the class

22 | 27 | 19 | 30 | David

Math squares up to 100

35	22	28	33	39	24	39	23	45	30
20	25	19	27	27	31	27	18	25	38
41	40	50	44	36	48	33	41	46	31
35	22	28	33	41	29	47	26	22	27

Find the way through the dungeon!

25, 45, 60, 52, 70, 58, 83, 68, 89
 50, 64, 73, 48, 65, 57, 77, 58, 71

Bag: certain, possible or impossible?

certain | impossible | possible | possible

Even trickier!

28+22+15=65 | 40+30+10=80
 22+17+31=70 | 30+25+20=75
 18+27+21=66 | 29+13+18=60

A tricky ingredient hunt for the cauldron

46, 84, 65, 78, 49 → no
 67, 50, 74, 59, 55 → yes
 36, 63, 49, 81, 55 → yes

Chain problems

42 | 55
 46 | 60
 40 | 39
 55 | 54

Breaking apart bigger numbers

60, 18, 78 | 70, 14, 84 | 70, 16, 86 | 70, 18, 88 | 80, 15, 95
 80, 16, 96

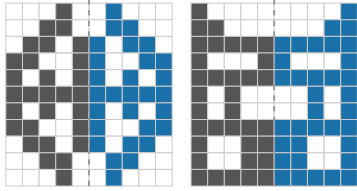
Boss level: numbers up to 100

12+18=30, 14+22=36, 30+36=66
 15+25=40, 18+24=42, 40+42=82
 15+12=27, 8+14=22, 27+22=49, 49+11=60, 60+22=82
 10+18=28, 14+12=26, 28+26=54, 54+7=61, 61+24=85

Weights, lengths and shapes

Find lines of symmetry

Solutions



Meters and centimeters

60 cm | 170 cm | 25 cm | 200 cm | 300 cm

Calculating with weights

350 g | 2000 g | 44 kg | 2 kg | 1000 g

How long is the line?

3 | 5 | 7 | 4 | 8 | 6 | 10 | 9

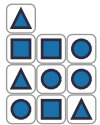
Estimating length

18 cm | 2 m | 30 cm

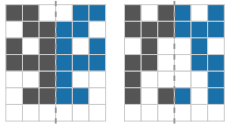
Heavier, lighter or equal?

> | > | < | = | > | < | < | >

Continue the pattern!



Complete the mirror images



Bars in centimeters

A: 14 | A: 13

B: 9 | B: 7

C: 18 | C: 11

D: 6 | D: 9

A: 16 | A: 10

B: 9 | B: 17

C: 13 | C: 6

D: 6 | D: 8

Adding up three dice

15 | 13

14 | 15

13 | 16

12 | 14

Adding blocks up

9+4=13 | 7+9=16 | 4+6=10

6+5=11 | 5+8=13 | 8+4=12

8+3=11 | 9+7=16 | 6+9=15

Reading dominoes

3+4=7 | 2+5=7 | 5+0=5

4+3=7 | 1+5=6 | 5+4=9

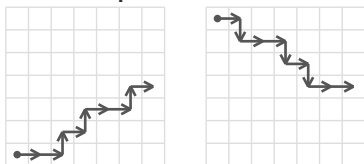
Word problems with quantities

20 kg | 600 g | 700 ml | 3 l | 60 l

Estimating weight

200 g | 60 g | 100 g

Describe the path to Numerion



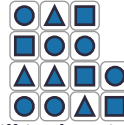
Converting meters and centimeters

100 | 1 | 200 | 2 | 300 | 5 | 400 | 7 | 500 | 3 | 600 | 4 | 700 | 6
800 | 9

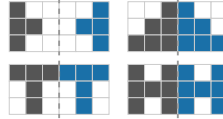
Comparing weights

> | = | < | > | > | = | < | =

Harder patterns



Fill in the mirror images



Which faces do you need?

Circle 0, Triangle 0, Square 6, Rectangle 0

Circle 0, Triangle 0, Square 0, Rectangle 6

Circle 0, Triangle 4, Square 1, Rectangle 0

Circle 2, Triangle 0, Square 0, Rectangle 0

Circle 1, Triangle 0, Square 0, Rectangle 0

Circle 0, Triangle 0, Square 0, Rectangle 0

Which Scale Fits?

left heavier | right heavier | Balanced | left heavier

right heavier | Balanced | left heavier | right heavier

Measuring pencils

Anna: 16

Emma: 8

Ben: 12

Felix: 14

Clara: 19

Greta: 10

David: 8

Hanna: 12

Ida: 11

Mia: 15

Tom: 18

Leo: 9

Lina: 14

Paul: 12

Rosa: 9

Nele: 13

Estimating length: big things

6 m | 100 m | 25 cm

Continue the tiling

Circle, Square, Square, Circle, Circle, Square

Triangle, Triangle, Triangle, Star, Star, Star

Properties of shapes

3 | 4 | 0 | 4 | 5

Converting mixed lengths

620 | 8 m 50 cm | 205 | 7 m 5 cm | 780 | 3 m 40 cm | 450

9 m 5 cm | 830 | 1 m 75 cm | 315 | 7 m 60 cm | 545 | 3 m 20 cm

270 | 6 m 15 cm

Comparing liters and milliliters

> | = | < | > | > | = | < | <

Estimating weight: big things

4 kg | 15 kg | 1 kg

Solid shapes and their properties

8 | 12 | 6 | 8 | 0 | 3

Which one is a cube net?

Yes | No | Yes | Yes

Yes | No | Yes | No

Taking blocks away

9-3=6 | 9-2=7 | 9-5=4

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

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

Solutions

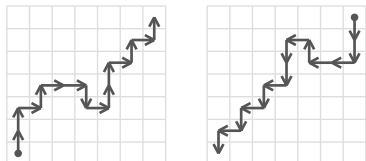
Plus and minus with three dice

9 | 7
10 | 5
9 | 7
6 | 5

In the grid: columns are letters, rows are numbers

A1 | Dog | D5 | Tree

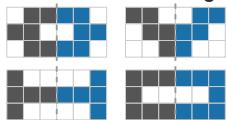
The path gets longer



Continue the shape patterns



Finish the mirror images



The park

C3 | House | A5 | Duck

Dominoes up to 12

6+4=10 | 5+6=11 | 6+6=12
4+5=9 | 9+8=17 | 12+10=22

Boss level: sizes and shapes

12+8=20, 15+9=24, 20+24=44
16+14=30, 11+13=24, 30+24=54
10+6=16, 12+8=20, 16+20=36, 36+9=45, 45+20=65
14+7=21, 11+5=16, 21+16=37, 37+13=50, 50+25=75

Charts

Weather in April

Sun | 6 | 20 | Wind

The class's favorite color

11 | 8 | 6 | 4 | Blue

From the table to the chart

Acorn: 7 | Feather: 4 | Mushroom: 9 | Stone: 5

Favorite fruit at break time

Grape | 14 | 18 | Pear

Marbles: certain, possible, impossible?

possible | impossible | certain | possible

Which bar is wrong?

Beetles: richtig 9 (gezeichnet 6)

How do you get to school?

On foot | 16 | 17 | Bus

Table instead of a chart

26 | 38 | 48 | 56 | 66 | 82 | 30 | 44 | 52 | 62 | 74 | 90

From the table to the chart

Leaf: 6 | Chestnut: 3 | Snail: 8 | Worm: 2

Shells collected at the beach

Tim | 20 | 26 | Sara

The School Bus

14 | 19 | 12 | 33 | 13

The Day-Trip Train

20 | 28 | 23 | 27 | 42

Favorite animals of class 2b

Dog | 18 | 24 | Bird

From the table to the chart

Raspberry: 5 | Blackberry: 9 | Blueberry: 6 | Strawberry: 8
Blackberry | 28

Fruit basket at school

24 | Kiwi | 12 | Apple

Books in the reading corner

26 | 21 | 29 | 17 | Knights

Find the wrong bar

Acorns: richtig 8 (gezeichnet 10)

Ice cream flavors sold

Chocolate | 22 | 27 | Lemon

Draw: certain, possible or impossible?

possible | impossible | certain | possible

From the chart to the table

red: 7 | blue: 4 | green: 9 | yellow: 6

Flowers in the garden

Tulip | 22 | 22 | Lily

Half the values in the table

27 | 34 | 38 | 42 | 46 | 49 | 29 | 32 | 36 | 43 | 47 | 48

Boss level: charts

9+11=20, 7+14=21, 20+21=41 | 17+6=23, 12+15=27, 23+27=50
8+13=21, 6+11=17, 21+17=38, 38+7=45, 45+30=75
9+4=13, 16+12=28, 13+28=41, 41+6=47, 47+21=68

Times tables

The 2 times table

6 | 10 | 18
4 | 12 | 20
2 | 14 | 22
8 | 16 | 24

Small times table

8, 20, 40 6, 8, 12 6, 21, 27
6, 15, 30 12, 16, 24 10, 35, 45
10, 25, 50 21, 28, 42 12, 42, 54
16, 40, 80 27, 36, 54 20, 70, 90

Double it - the 2 times table as addition

3
5
7
9

What is missing in the 2 times table?

3 | 10 | 5
6 | 7 | 1
8 | 2 | 12
11 | 9 | 4

Keep skip counting

4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28
10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70
20, 30, 40, 50, 60, 70, 80, 90, 100
6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42
8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56

Swap problems in multiplication

2·3=3·2 | 3·6=6·3
3·4=4·3 | 2·6=6·2

Solutions

$$2 \cdot 5 = 5 \cdot 2 \quad | \quad 3 \cdot 5 = 5 \cdot 3$$

$$4 \cdot 5 = 5 \cdot 4 \quad | \quad 4 \cdot 6 = 6 \cdot 4$$

The 5 times table

$$5 \mid 25 \mid 45$$

$$10 \mid 30 \mid 50$$

$$15 \mid 35 \mid 55$$

$$20 \mid 40 \mid 60$$

Ingredients for the number cauldron

$$87, 52, 93, 75, 63 \rightarrow \text{yes}$$

$$83, 55, 89, 73, 52 \rightarrow \text{no}$$

$$46, 70, 58, 91, 63 \rightarrow \text{yes}$$

Times as a dot array

$$6 \mid 20 \mid 15 \mid 12$$

Simple division

$$5 \mid 2 \mid 6 \mid 4 \mid 3 \mid 3 \mid 4 \mid 9 \mid 5 \mid 4 \mid 5 \mid 7$$

What is missing in the 5 times table?

$$3 \mid 10 \mid 1$$

$$6 \mid 5 \mid 4$$

$$9 \mid 55 \mid 60$$

$$2 \mid 7 \mid 8$$

Which numbers are on top?

$$2, 3, 5 \quad 4, 6, 7 \quad 3, 8, 10$$

The 5 times table as addition

$$3$$

$$5$$

$$7$$

$$9$$

The 10 times table

$$10 \mid 50 \mid 9$$

$$20 \mid 60 \mid 100$$

$$30 \mid 70 \mid 7$$

$$40 \mid 80 \mid 4$$

Skip counting up to 6

$$4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28$$

$$6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42$$

$$8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56$$

$$10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70$$

$$12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84$$

Fill in the skip counts

$$3, 6, 9, 12, 15, 18, 21, 24, 27, 30$$

$$4, 8, 12, 16, 20, 24, 28, 32, 36, 40$$

$$5, 10, 15, 20, 25, 30, 35, 40, 45, 50$$

$$6, 12, 18, 24, 30, 36, 42, 48, 54, 60$$

What is missing?

$$5 \mid 7 \mid 36$$

$$8 \mid 3 \mid 33$$

$$4 \mid 48 \mid 24$$

$$6 \mid 44 \mid 22$$

Swapping saves work

$$2 \cdot 7 = 7 \cdot 2 \quad | \quad 5 \cdot 6 = 6 \cdot 5$$

$$3 \cdot 6 = 6 \cdot 3 \quad | \quad 3 \cdot 8 = 8 \cdot 3$$

$$4 \cdot 7 = 7 \cdot 4 \quad | \quad 4 \cdot 6 = 6 \cdot 4$$

$$2 \cdot 9 = 9 \cdot 2 \quad | \quad 5 \cdot 7 = 7 \cdot 5$$

Core facts with the 5 times table

$$24, 20, 4, 24 \mid 56, 40, 16, 56 \mid 18, 15, 3, 18$$

$$28, 20, 8, 28 \mid 36, 30, 6, 36 \mid 21, 15, 6, 21$$

$$48, 40, 8, 48 \mid 42, 30, 12, 42 \mid 54, 45, 9, 54$$

The 3 times table

$$3 \mid 15 \mid 27$$

$$6 \mid 18 \mid 30$$

$$9 \mid 21 \mid 33$$

$$12 \mid 24 \mid 36$$

2s, 3s and 4s

$$4, 6, 8, 10$$

$$6, 9, 12, 15$$

$$8, 12, 16, 20$$

$$10, 15, 20, 25$$

$$12, 18, 24, 30$$

$$14, 21, 28, 35$$

$$16, 24, 32, 40$$

$$18, 27, 36, 45$$

Small multiples

$$5$$

$$4$$

$$6$$

$$6$$

Big skip counts

$$12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84$$

$$14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98$$

$$16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96$$

$$18, 27, 36, 45, 54, 63, 72, 81, 90, 99$$

$$20, 30, 40, 50, 60, 70, 80, 90, 100$$

The 4 times table

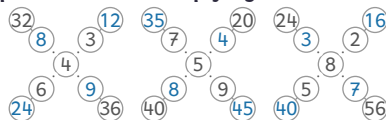
$$4 \mid 20 \mid 36$$

$$8 \mid 24 \mid 40$$

$$12 \mid 28 \mid 44$$

$$16 \mid 32 \mid 48$$

Spider wheel - multiplying



Number wheel - multiplying



Multiplication stories

$$24 \mid 24 \mid 35 \mid 20 \mid 16$$

Bigger dot arrays

$$18 \mid 20 \mid 24 \mid 30$$

The 6 times table

$$6 \mid 30 \mid 54$$

$$12 \mid 36 \mid 60$$

$$18 \mid 42 \mid 66$$

$$24 \mid 48 \mid 72$$

Find the heading numbers

$$3, 6, 8 \quad 4, 5, 9 \quad 6, 7, 9$$

More division

$$8 \mid 6 \mid 9 \mid 7 \mid 6 \mid 8 \mid 7 \mid 9 \mid 6 \mid 8 \mid 7 \mid 9$$

Dividing with a remainder

$$4, 2 \mid 3, 1 \mid 4, 1 \mid 4, 5 \mid 9, 1 \mid 6, 3 \mid 6, 1 \mid 7, 3$$

The 7 times table

$$7 \mid 35 \mid 63$$

$$14 \mid 42 \mid 70$$

$$21 \mid 49 \mid 77$$

$$28 \mid 56 \mid 84$$

Solutions

Magic square - sum 21

3, 9, 5, 11 | 3, 5, 9, 11 | 8, 10, 7, 4, 6

Keep filling the skip counts

6, 12, 18, 24, 30, 36, 42, 48, 54, 60

7, 14, 21, 28, 35, 42, 49, 56, 63, 70

8, 16, 24, 32, 40, 48, 56, 64, 72, 80

9, 18, 27, 36, 45, 54, 63, 72, 81, 90

Mixed skip counts

6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98

18, 27, 36, 45, 54, 63, 72, 81, 90, 99

8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56

Tricky swap problems

$6 \cdot 8 = 8 \cdot 6$ | $6 \cdot 9 = 9 \cdot 6$

$7 \cdot 9 = 9 \cdot 7$ | $6 \cdot 7 = 7 \cdot 6$

$8 \cdot 9 = 9 \cdot 8$ | $5 \cdot 9 = 9 \cdot 5$

$7 \cdot 8 = 8 \cdot 7$ | $5 \cdot 8 = 8 \cdot 5$

The 8 times table

8 | 40 | 72

16 | 48 | 80

24 | 56 | 88

32 | 64 | 96

Big times table

18, 21, 24, 27 12, 14, 16, 18

24, 28, 32, 36 30, 35, 40, 45

36, 42, 48, 54 42, 49, 56, 63

60, 70, 80, 90 54, 63, 72, 81

Big multiples

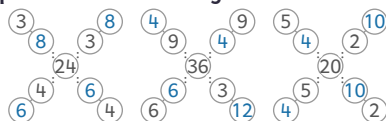
6

9

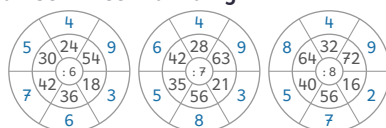
8

7

Spider wheel - dividing



Number wheel - dividing



The 9 times table

9 | 45 | 81

18 | 54 | 10

27 | 63 | 8

36 | 72 | 4

More core facts

48, 30, 18, 48 | 54, 30, 24, 54 | 24, 15, 9, 24

36, 20, 16, 36 | 64, 40, 24, 64 | 63, 35, 28, 63

56, 35, 21, 56 | 72, 40, 32, 72 | 81, 45, 36, 81

Division stories

6 | 7 | 8 | 9 | 10

Up to 6 times 7

36 | 35 | 30 | 28

Mixed times tables

3 | 3 | 6 | 84

7 | 6 | 99 | 77

3 | 5 | 96 | 72

7 | 8 | 88 | 66

Big times table in reverse

4, 7, 8 5, 6, 9 6, 8, 9

Dividing in the times tables

8 | 7 | 9 | 8 | 7 | 9 | 8 | 9 | 8 | 9 | 10 | 10

Dividing with a remainder

7, 2 | 6, 4 | 7, 3 | 3, 1 | 10, 1 | 9, 2 | 8, 5 | 7, 5

Reverse problems for the times tables

6, 4 | 7, 3 | 8, 5

9, 6 | 4, 9 | 7, 8

6, 9 | 8, 9 | 9, 7

Multiplying dice

12 | 12 | 25 | 12

12 | 36 | 5 | 9

20 | 4 | 24 | 20

18 | 10 | 6 | 18

Square numbers

1 | 5 | 9

2 | 6 | 100

3 | 7 | 9

4 | 8 | 81

Boss level: times tables

$4+8=12$, $12+16=28$, $12+28=40$ | $6+12=18$, $18+24=42$, $18+42=60$

$8+6=14$, $10+12=22$, $14+22=36$, $36+14=50$, $50+36=86$

$12+9=21$, $15+6=21$, $21+21=42$, $42+18=60$, $60+30=90$

Mixed

A mix of blossoms

12, 16, 20, 24, 28, 32, 36, 40, 44

14, 21, 28, 35, 42, 49, 56, 63, 70

81, 72, 63, 54, 45, 36, 27, 18, 9

Plus and minus mixed

59 | 79 | 75

47 | 54 | 34

79 | 83 | 82

47 | 35 | 34

The swap trick for adding

$23+46=46+23$ | $54+39=39+54$

$30+32=32+30$ | $42+11=11+42$

$55+39=39+55$ | $21+22=22+21$

$38+43=43+38$ | $36+45=45+36$

Break into tens and ones

3 | 50 | 8 | 80 | 7

90 | 3 | 50 | 2 | 70

Turn the problem around

26, 11 | 54, 18 | 37, 26

50, 27 | 45, 25 | 39, 14

28, 35 | 43, 32 | 34, 14

Take the number several times

4

7

9

10

Counting days in the calendar

15 | 27 | 9 | 23

Solutions

Wild blossoms

12, 18, 24, 30, 36, 42, 48, 54, 60
72, 64, 56, 48, 40, 32, 24, 16, 8
73, 76, 79, 82, 85, 88, 91, 94, 97

From smallest to largest

$16 < 70 < 78$
 $57 < 70 < 97$
 $82 < 90 < 97$
 $77 < 82 < 97$

Plus and minus mixed

95 | 74 | 83
18 | 39 | 26
58 | 48 | 72
56 | 72 | 47

Magic square - sum 21

8, 11, 3, 6, 5 | 4, 3, 11, 10, 5 | 11, 4, 5, 10, 8

The number before and after

16 | 68 | 88
17 | 63 | 60
83 | 23 | 76
92 | 48 | 74

Swap the addends

$36+35=35+36$ | $58+33=33+58$
 $24+29=29+24$ | $59+31=31+59$
 $41+13=13+41$ | $58+32=32+58$
 $12+20=20+12$ | $29+39=39+29$

Break into tens and ones

1 | 30 | 4 | 20 | 8
40 | 6 | 40 | 7 | 70

Three paths, one goal

+6, +22, +18, +10, +28
+3, +28, +18, +13
50, +21, +17, +8, +25
75, +2, +24, +17, +26
66, +1, +26, +16, +11
60, 71, +18, +7, +26

A flower bed

28, 37, 46, 55, 64, 73, 82, 91, 100
36, 44, 52, 60, 68, 76, 84, 92, 100
90, 85, 80, 75, 70, 65, 60, 55, 50

Take the number several times

4
7
8
9

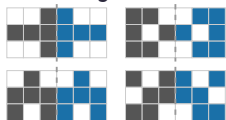
Shopping and change

\$3 | \$7
\$6 | \$5

From smallest to largest

$35 < 90 < 98$
 $35 < 50 < 98$
 $35 < 50 < 90$
 $15 < 35 < 90$

Mirror images in the mix



Plus, minus, done

80 | 96 | 84
37 | 12 | 46
70 | 80 | 72
28 | 18 | 33

Swap problems in addition

$43+14=14+43$ | $43+22=22+43$
 $16+22=22+16$ | $27+47=47+27$
 $11+48=48+11$ | $17+14=14+17$
 $56+40=40+56$ | $52+43=43+52$

Separate tens and ones

3 | 40 | 5 | 60 | 8
40 | 2 | 10 | 1 | 50

Keep the pattern going



Once around the circle

64, 60, 73
84, 89, 67
54, 51, 78
82, 60, 44
43, 36, 65
24, 36, 69

Count in steps

7
8
9
10

Flower meadow

23, 31, 39, 47, 55, 63, 71, 79, 87
90, 81, 72, 63, 54, 45, 36, 27, 18
47, 50, 53, 56, 59, 62, 65, 68, 71

Calculating in everyday life

35 | 83 | 34 | 45 | 92

Calculate all mixed up

68 | 72 | 82
37 | 84 | 24
48 | 60 | 67
46 | 42 | 46

Collector cards in class

24 | 29 | 18 | 26 | Mira

Boss level: mixed

$7+13=20$, $9+16=25$, $20+25=45$ | $11+19=30$, $8+14=22$, $30+22=52$
 $12+5=17$, $14+9=23$, $17+23=40$, $40+8=48$, $48+19=67$
 $6+17=23$, $10+8=18$, $23+18=41$, $41+12=53$, $53+16=69$

More practice

Adding up to 100

48 | 64 | 78
95 | 91 | 82
74 | 94 | 88
45 | 61 | 76

Wild blossoms

26, 33, 40, 47, 54, 61, 68, 75, 82
51, 49, 47, 45, 43, 41, 39, 37, 35
31, 39, 47, 55, 63, 71, 79, 87, 95

Solutions

Find tens and ones

3 | 60 | 4 | 30 | 2
10 | 7 | 70 | 1 | 10

Swapping made easy

25+16=16+25 | 41+18=18+41
17+31=31+17 | 28+34=34+28
56+29=29+56 | 33+28=28+33
49+31=31+49 | 35+14=14+35

From plus to minus

52, 17 | 34, 11 | 25, 26
61, 18 | 47, 25 | 16, 23
40, 33 | 43, 12 | 30, 24

Put them in order by size

13 < 40 < 81
13 < 77 < 81
13 < 44 < 77
13 < 40 < 77

Dominoes to finish

2+6=8 | 3+5=8 | 6+1=7
4+4=8 | 9+6=15 | 8+10=18

Fill in the number neighbors

64 | 93 | 82
76 | 74 | 85
49 | 29 | 49
38 | 16 | 38

Add them up

53 | 80 | 84
64 | 90 | 68
45 | 89 | 92
76 | 44 | 72

The times table as addition

3
5
7
9

Blossom magic

45, 48, 51, 54, 57, 60, 63, 66, 69
64, 59, 54, 49, 44, 39, 34, 29, 24
18, 25, 32, 39, 46, 53, 60, 67, 74

Fill in tens or ones

5 | 90 | 7 | 40 | 4
40 | 5 | 50 | 1 | 50

Swap problems in addition

26+34=34+26 | 21+22=22+21
34+40=40+34 | 52+38=38+52
36+12=12+36 | 52+47=47+52
46+48=48+46 | 23+43=43+23

Again: certain, possible, impossible

possible | certain | impossible | possible

Telling the time in the mix

2:35 | 6:45 | 10:25 | 4:55
8:35 | 12:10 | 1:50 | 5:15
9:40 | 3:55 | 7:05 | 11:20

Add them up

49 | 32 | 83
68 | 48 | 63
59 | 74 | 85
78 | 91 | 61

Put them in order by size

14 < 87 < 90
49 < 74 < 87
31 < 49 < 74
31 < 74 < 87

Blossom magic

24, 26, 28, 30, 32, 34, 36, 38, 40
65, 58, 51, 44, 37, 30, 23, 16, 9
35, 43, 51, 59, 67, 75, 83, 91, 99

Fill in tens or ones

7 | 10 | 3 | 30 | 8
70 | 5 | 10 | 4 | 70

Adding from both sides

59+18=18+59 | 57+18=18+57
38+26=26+38 | 24+29=29+24
54+24=24+54 | 49+48=48+49
43+13=13+43 | 52+34=34+52

Comparing weights and amounts

= | = | < | > | < | > | = | <

Books read this year

Ella | 19 | 12 | Max

Work out the minus

40 | 51 | 35
48 | 49 | 47
33 | 72 | 25
34 | 15 | 55

Take the number several times

3
5
7
9

Word problems to finish

47 | 75 | 17 | 37 | 65

Flower meadow

31, 37, 43, 49, 55, 61, 67, 73, 79
88, 79, 70, 61, 52, 43, 34, 25, 16
59, 64, 69, 74, 79, 84, 89, 94, 99

Sort the numbers

60 < 69 < 72
60 < 66 < 72
60 < 66 < 67
60 < 66 < 96

From plus to minus

26, 18 | 35, 22 | 26, 22
61, 25 | 69, 28 | 67, 27
56, 25 | 38, 24 | 32, 20

Work out the minus

17 | 52 | 36
50 | 23 | 34
78 | 24 | 45
41 | 66 | 28

Dollars and cents once more

\$1 and 40¢ | \$2 and 60¢ | \$3 and 40¢ | \$4 and 40¢ | \$5 and 30¢
\$6 and 20¢ | \$7 and 30¢ | \$8 and 50¢

Magic triangles with multiples of seven

42, 35, 14, 21 | 7, 42, 14, 35 | 14, 21, 28, 7 | 21, 14, 35, 7

Boss level: the finale

14+9=23, 18+6=24, 23+24=47 | 8+21=29, 12+16=28, 29+28=57
11+8=19, 13+7=20, 19+20=39, 39+14=53, 53+18=71

Solutions

16+5=21, 9+14=23, 21+23=44, 44+11=55, 55+23=78