

Solutions · Grade 1

How to read the solutions

The solutions are ordered by book page; each exercise appears under its title from the book. Read them in reading order: left to right and top to bottom, line by line (multiple values are separated by |). For picture exercises like the Golem and the Dragon, a small sketch shows where each number goes; the calculated cells are highlighted.

Page 8

Write the numbers 0 to 5

0 | 1 | 2 | 3 | 4 | 5

Page 9

Counting shapes to 3

3, 2 | 2, 3 | 2, 3

Count and color dots up to 3

2 | 1 | 3 | 3 | 2 | 2 | 1 | 2 | 1 | 3 | 2 | 1

Read the dice up to 3

3 | 1 | 2 | 1 | 3 | 1 | 2 | 3 | 2 | 1 | 2 | 3 | 1 | 3 | 2 | 1 | 2 | 3 | 1
3

Plus up to 3 - work it out!

1 | 2 | 3 | 1 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 1 | 2

Page 10

Missing numbers on the number line

0 (1) (2) 3 (4) 5 | 1 (2) 3 (4) 5 | 2 (3) (4) 5 | 0 (1) 2 (3) 4 (5)
(1) 2 (3) 4 (5) | (2) 3 4 (5)

Adding with pictures up to 4

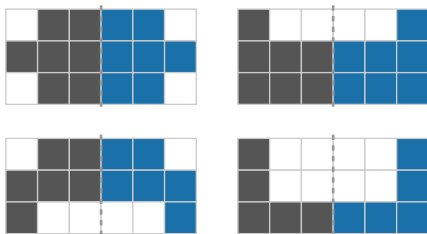
4 | 3 | 4 | 3 | 4 | 4 | 3 | 4

Read the dice

1 | 2 | 3 | 4 | 5 | 2 | 1 | 4 | 5 | 3 | 3 | 4 | 5 | 1 | 2 | 4 | 5 | 2 | 3
1

Page 11

Complete the mirror images



Count and color!

2 | 4 | 1 | 5 | 3 | 2 | 4 | 1 | 5 | 3 | 2 | 4

Adding with pictures up to 5

5 | 5 | 5 | 5 | 4 | 4 | 5 | 4

Page 12

Adding with breakfast

3 | 5 | 4 | 4 | 3 | 5 | 4 | 5

Plus - work it out!

2 | 5 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 3

Work out the petals following the arrows

0,1,2,3,4 | 1,2,3,4,5 | 2,3,0,1

Complete each floor to the roof number

1+4 3+2 0+5 2+3 | 2+1 1+2 3+0 0+3 | 1+2 3+0 0+3 2+1
1+3 2+2 3+1 3+1 | 3+2 1+4 2+3 3+2 | 4+0 2+2 0+4 1+3
1+2 2+1 0+3 3+0

Page 13

Fill in the missing numbers!

0 (1) 2 (3) | (1) 2 (3) 4 | 2 (3) 4 (5) | (0) 1 (2) 3 | 1 (2) 3 (4)
(2) 3 (4) 5 | 0 1 (2) (3) | 1 (2) (3) 4 | 2 (3) (4) 5 | (0) (1) 2 3
(1) (2) 3 4 | (2) (3) 4 5

Find the neighbor numbers

0,2 | 1,3 | 2,4 | 3,5 | 2 | 4 | 3 | 0,2 | 1,3 | 3,5 | 0,2 | 2,4

Page 14

Add up three groups

5 | 4 | 5 | 4 | 5 | 4 | 5 | 5

Plus - keep practicing!

3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5

Count the dots and color!

3 | 1 | 2 | 4 | 2 | 5 | 1 | 3 | 5 | 2 | 4 | 1

How does the pattern continue?

kg, qb | do, kg | qr, kl | db, db, ko

Page 15

Find the two matching cards

1+2 | 1+3 | 2+3 | 1+3 | 1+1 | 2+2 | 1+4 | 2+1

Find the missing numbers in the squares

1, 1 | 1, 2 | 0, 2 | 1, 4 | 2, 2 | 1, 1 | 5, 2 | 3, 2 | 4, 0 | 3, 1

Adding with three groups

3 | 4 | 4 | 4 | 5 | 5 | 5 | 5

Two dice - plus

2 | 5 | 4 | 3 | 5 | 3 | 5 | 5 | 4 | 4 | 5 | 5

Page 16

Subtracting with pictures up to 5

2 | 2 | 2 | 3

Break the numbers apart!

1 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 1

Count the towers and add them up

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

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The class's favorite fruit

4 | 5 | 2 | 3 | Banana

Minus - keep practicing

3 | 2 | 4 | 2 | 1 | 3 | 1 | 2 | 1 | 1 | 4 | 5 | 3 | 2 | 1 | 0

Add up the cards

2 | 3 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 5 | 3

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Complete the number houses

1+2 2+1 0+3 3+0 | 1+3 2+2 3+1 4+0 | 2+3 1+4 1+4 0+5
4+0 2+2 3+1 1+3 | 0+3 1+2 2+1 3+0 | 3+2 4+1 5+0 1+4
0+3 1+2 2+1 3+0

What is missing?

2 | 2 | 2 | 3 | 3 | 4 | 2 | 5 | 3 | 2 | 1 | 1 | 4 | 3 | 4 | 5

Two dice - minus

1 | 2 | 1 | 3 | 2 | 1 | 4 | 3 | 2 | 1 | 2 | 2

Keep breaking apart

1 | 3 | 2 | 1 | 4 | 2 | 1 | 3 | 1 | 3

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Work out the caterpillars step by step

5 | 4 | 2 | 3 | 5 | 3 | 4 | 2 | 4 | 1 | 4 | 3 | 1 | 5 | 1

Two bricks make the brick above

3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 2 | 3

Breaking apart again

0 | 2 | 4 | 0 | 5 | 0 | 4 | 0 | 0 | 2

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Continue the shapes

kr, kb | dr, kg | qo, dl | kg, qq

Complete the number houses

3+0 1+2 1+2 0+3 | 0+4 1+3 4+0 2+2 | 0+5 3+2 1+4 2+3
3+2 5+0 2+3 1+4 | 0+3 1+2 2+1 3+0 | 3+1 2+2 0+4 1+3
2+1 0+3 1+2 3+0

Six bricks

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

Page 21

Work out the caterpillars

5 | 3 | 0 | 4 | 5 | 5 | 1 | 1 | 2 | 5 | 5 | 3 | 4 | 3 | 5

How many are left?

2 | 1 | 1 | 3

Plus and minus mixed!

3 | 4 | 3 | 2 | 2 | 1 | 4 | 3 | 4 | 2 | 4 | 5

Add outward from the spider

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

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What is missing? More gaps

1 | 2 | 5 | 2 | 3 | 2 | 3 | 1 | 4 | 1 | 1 | 3 | 4 | 4 | 5 | 4

Subtract outward from the spider

4,2,2,4 | 3,3,1,1 | 3,2,1,4

Simple squares

1,0 | 0,1 | 3,2 | 2,1 | 1,2 | 2,3 | 3,1 | 2,1 | 4,0 | 1,3

What does this cost altogether?

- 1) 3
- 2) 3
- 3) 2
- 4) 4

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Compare the numbers

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

Order from smallest to largest

1<2<3<4 | 2<3<4<5 | 1<2<4<5 | 1<3<4<5

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Boss level: numbers up to 5

Leaf - Spider = 3

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Numbers 6 to 10

6 | 7 | 8 | 9 | 10

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Work out the petals

8,9,1,2,3,4,5,6,7 | 6,7,8,0,1,2,3,4,5 | 4,5,6,7,8,9,0,2,3

Counting up and down

10 | 7 | 10 | 5 | 8 | 5 | 8 | 6

Three numbers are missing

(6) (7) (8) 9 | 7 (8) (9) (10) | (5) (6) (7) 8 | 6 (7) (8) (9)
(7) (8) (9) 10 | 4 (5) (6) (7) | (5) 6 (7) (8) | (6) (7) 8 (9)
(7) 8 (9) (10) | (4) (5) 6 (7) | (6) 7 (8) (9) | (7) (8) 9 (10)

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Count and color the dots

3 | 7 | 5 | 1 | 9 | 6 | 8 | 10

Continue the number patterns

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

Fill in the missing numbers!

0 (1) 2 (3) 4 (5) | (5) 6 (7) 8 (9) 10 | 2 (3) (4) 5 (6) 7
(3) 4 (5) (6) 7 (8) | 0 1 (2) 3 (4) (5) | (4) 5 (6) 7 (8) 9

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Find the neighbors!

2,4 | 6,8 | 4,6 | 8,10 | 1,3 | 5,7 | 3,5 | 7,9 | 0,2 | 1,3 | 7,9
4,6

Count the dark dots - or color them in!

4 | 7 | 2 | 6 | 8 | 3 | 9 | 10

Now the flower in steps of two

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

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Continue the pattern

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

Count in jumps

7 | 4 | 10 | 1 | 9 | 3 | 8 | 2 | 8 | 2 | 9 | 0

Fill up to 10

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

Break apart the numbers!

9 | 7 | 5 | 6 | 5 | 4 | 7 | 6 | 5 | 4

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Complete the number houses

3+4 5+2 6+1 7+0 | 3+5 2+6 7+1 4+4 | 4+5 2+7 3+6 9+0
 4+6 3+7 2+8 5+5 | 0+3 1+2 2+1 3+0 | 2+4 3+3 5+1 6+0
 3+4 1+6 2+5 6+1

Steps of two in the flower

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

Work out the caterpillars

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

What goes in front?

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

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Spider wheel up to 10

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

Split the numbers!

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

From plus to minus

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

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Three numbers - plus!

6 | 9 | 5 | 10 | 8 | 7 | 9 | 6 | 7 | 10 | 8 | 5

Longer and shorter

B | B | A | B

Did Euli miscalculate?

3 | 3 | 4 | 3 | 5 | 2 | 5 | 2

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Adding up cards

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

Work out both sides!

5 | 5 | 10 | 9 | 8 | 9 | 7 | 10

Simple subtraction problems

7 | 7 | 4 | 2 | 5 | 1 | 1 | 8 | 4 | 3 | 5 | 3

Continue the pattern

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

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Count in steps

6 | 10 | 4 | 1 | 7 | 9 | 3 | 0

Build up the wall!

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

Final sprint: breaking numbers apart

3 | 2 | 2 | 3 | 5 | 5 | 4 | 3 | 2 | 3

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Minus - work it out!

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

Find the right path!

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

Work out the petals

4,0,1,2,3 | 1,2,3,4,5 | 0,1,2,3,4

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Even or odd

4:Y 7:N 6:Y 9:N 3:N 8:Y 5:N 10:Y

The children's favorite weather

5 | 3 | 8 | 6 | Sun

Adding up cards

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

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Full hours up to 5

1:00 | 2:00 | 3:00 | 4:00 | 5:00 | 2:00 | 3:00 | 1:00 | 4:00
 5:00 | 2:00 | 3:00

Count the money

\$2 | \$3 | \$4 | \$3 | \$4 | \$5 | \$4 | \$5 | \$3 | \$5 | \$5 | \$4

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Number magic

3 | 5

Dragon math

$$\begin{array}{|c|} \hline 1 \\ \hline \text{Feet} \\ \hline \end{array} + \begin{array}{|c|} \hline 1 \\ \hline \text{Tail} \\ \hline \end{array} = \begin{array}{|c|} \hline 6 \\ \hline \text{Body} \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 6 \\ \hline \text{Body} \\ \hline \end{array} + \begin{array}{|c|} \hline 3 \\ \hline \text{Neck} \\ \hline \end{array} = \begin{array}{|c|} \hline 9 \\ \hline \text{Fire} \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 2 \\ \hline \text{Feet} \\ \hline \end{array} + \begin{array}{|c|} \hline 1 \\ \hline \text{Tail} \\ \hline \end{array} = \begin{array}{|c|} \hline 7 \\ \hline \text{Body} \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 7 \\ \hline \text{Body} \\ \hline \end{array} + \begin{array}{|c|} \hline 3 \\ \hline \text{Neck} \\ \hline \end{array} = \begin{array}{|c|} \hline 10 \\ \hline \text{Fire} \\ \hline \end{array}$$

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Taller walls

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

Plus and minus with towers

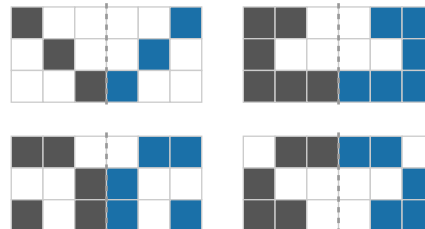
6,3,9 | 9,4,5 | 8,1,9 | 9,2,7 | 2,6,8 | 8,7,1 | 5,3,8 | 9,5,4
 4,2,6

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Full hours up to 10

4:00 | 6:00 | 8:00 | 10:00 | 2:00 | 7:00 | 3:00 | 5:00 | 9:00
 1:00 | 4:00 | 10:00

Complete the mirror image



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Taking towers apart

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

From minus to plus

9,9 | 8,8 | 7,7 | 10,10 | 6,6 | 8,8 | 9,9 | 10,10 | 7,7

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Collect all the ingredients

7,5,9,5,6 | 5,7,4,9,7 | 7,6,9,5,6

Halve the number!

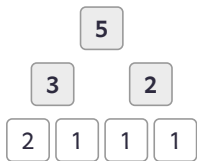
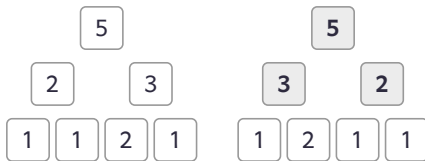
2 | 3 | 4 | 5 | 4 | 5 | 1 | 3 | 1 | 2 | 5 | 4 | 5 | 4 | 3 | 2

Did Euli miscalculate?

7 | 4 | 8 | 6 | 8 | 5 | 9 | 1

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Add each pair of numbers to get the one above



What does this cost altogether?

- 1) 3
- 2) 4
- 3) 3
- 4) 5

Work out the caterpillars

3 | 4 | 3 | 2 | 5 | 4 | 1 | 4 | 5 | 1 | 1 | 3 | 4 | 2 | 5

Another plus table

[3, 4, 5], [2, 3, 4], [1, 2, 3], [0, 1, 2]
[1, 2, 3], [0, 1, 2], [3, 4, 5], [2, 3, 4]
[2, 3, 4], [3, 4, 5], [0, 1, 2], [1, 2, 3]

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Sharing fairly

5 | 4 | 3 | 2 | 1 | 5 | 2

Spider wheel - tricky!

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

On the clothesline

10 | 9 | 6 | 8

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Find the right path!

1+5+4=10 | 0+2+6=8 | 1+2+3=6 | 5+3+1=9 | 3+1+2=6
5+2+3=10

The path is longer now

- 1) A1, B1, B2, C2, C3, D3, D4, E4, E5, F5, F6, G6
- 2) G1, G2, G3, F3, F2, E2, E3, E4, D4, C4, C5, B5, B6, B7

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Fill in the plus tables up to 10

[6, 7, 8], [5, 6, 7], [7, 8, 9], [1, 2, 3]
[3, 5, 7], [1, 3, 5], [5, 7, 9], [6, 8, 10]
[6, 7, 5], [9, 10, 8], [2, 3, 1], [4, 5, 3]

How many balls does each child have?

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

Arrow math

+2,+1,+2,-5,+3 | +1,+2,+1,-4,+3 | +3,+2,+3,-8,+5
+2,+3,+2,-7,+5 | +1,+3,+1,-5,+4 | +3,+1,+3,-7,+4

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Find all the ingredients

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

How much is left?

4 | 2 | 3 | 2 | 1 | 4 | 1 | 1 | 3 | 3 | 2 | 5

Complete the domino

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

Pick the right cards

5+3 | 4+6 | 4+2 | 3+6 | 3+5 | 3+2 | 7+2 | 7+3

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Even or odd

7:N 2:Y 10:Y 3:N 8:Y 5:N 1:N 6:Y

Compare the calculations

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

Dominoes to 10

2 + 4 = 6 | 5 + 1 = 6 | 3 + 5 = 8 | 0 + 5 = 5 | 4 + 4 = 8
2 + 5 = 7

One part is missing!

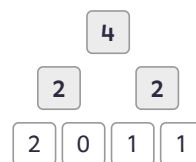
2 | 3 | 2 | 3 | 2 | 2 | 3 | 5 | 4 | 3

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Escape the dungeon!

2,3,4,2 | 0,4,3,1 | 1,5,4,2 | 0,5,4,3

Another golem pyramid



What comes next?

4 | 5 | 1 | 0 | 4 | 5 | 0 | 2

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Pick the right cards

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

Find the missing numbers!

0,3,5 | 2,5,3 | 2,3,5 | 2,4,6 | 2,6,4 | 1,5,5 | 2,5,4 | 2,2,6
2,5,3

How much is left?

3 | 2 | 1 | 2 | 2 | 1 | 4 | 1 | 3 | 1 | 2 | 1

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Which ingredients go into the cauldron?

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

Puzzle bonus: Which net folds into a cube?

Yes | No | Yes | No | Yes | No | Yes | No

Find the secret card

3 | 4 | 3 | 3 | 2 | 2 | 1 | 3 | 3 | 5 | 2 | 1

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Back in the dungeon!

2,4,0,3,1,0,2,5,1 | 4,1,0,5,2,4,1,3,4,1

Work out the caterpillars

5 | 3 | 1 | 4 | 5 | 2 | 3 | 3 | 1 | 5 | 5 | 4 | 2 | 1 | 5

Subtract the cards

1 | 4 | 1 | 3 | 2 | 5 | 1 | 4 | 2 | 0 | 1 | 3 | 3 | 0 | 2 | 2

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How much is left?

1 | 5 | 2 | 3 | 2 | 3 | 0 | 0 | 3 | 1 | 2 | 4

Paths

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

What does this cost altogether?

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

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Tricky number lines!

0 (1) (2) 3 (4) (5) | (2) (3) 4 (5) (6) 7 | 4 (5) (6) (7) 8 (9)
(5) 6 (7) (8) (9) 10 | 1 (2) (3) (4) (5) 6 | (3) (4) 5 (6) (7) 8

Measuring pencils

B | B | B | A

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Simple squares

1,1 | 2,0 | 4,1 | 1,2 | 1,1 | 1,1 | 3,0 | 4,2 | 0,2 | 0,2

Can you solve it?

2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 3

Which number is bigger?

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

Complete the number houses

1+2 1+2 0+3 3+0 | 1+3 2+2 3+1 4+0 | 3+2 1+4 2+3 5+0
1+1 0+2 2+0 1+1 | 0+3 1+2 2+1 3+0 | 1+4 2+3 5+0 4+1
2+1 0+3 1+2 3+0

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One is missing – which one?

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

How much is it?

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

Harder swap problems

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

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More mazes

3+1+5=9 | 1+3+4=8 | 2+5+3=10 | 4+3+0=7 | 0+5+1=6
6+1+3=10

Spider wheel

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

Find the secret cards

6 | 2 | 3 | 5 | 2 | 3 | 2 | 7 | 3 | 3 | 2 | 3

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Double the number!

6 | 2 | 4 | 10 | 8 | 0 | 10 | 6 | 10 | 4 | 8 | 2 | 4 | 6 | 0 | 8

Halve the number!

4 | 5 | 3 | 2 | 3 | 2 | 5 | 4 | 5 | 1 | 4 | 3 | 1 | 4 | 2 | 5

How many times does the number fit?

3 | 2 | 2 | 4

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How much is left?

1 | 2 | 1 | 0 | 2 | 3 | 3 | 1 | 3 | 1 | 1 | 2

Practice swap problems

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

Magic triangles

5,3,4 | 5,1,3 | 4,0,2 | 2,0,1

Mixed problems

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

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How often does the number fit?

2 | 5 | 3 | 4

Number patterns

8,10 | 2,0 | 10 | 2,1,0

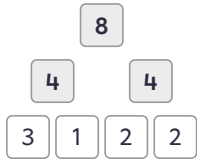
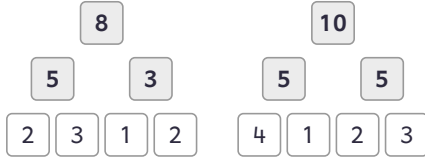
Complete the number houses

5+3 1+7 2+6 0+8 | 5+4 6+3 9+0 2+7 | 7+3 8+2 5+5 1+9

5+1 4+2 3+3 0+6 | 2+5 3+4 7+0 6+1 | 3+2 1+4 0+5 2+3

8+1 8+1 3+6 4+5

Add in the golem pyramid



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Escape the dungeon!

0,6,9,7,8,4,1,6,3,5 | 9,7,5,2,4,5,6,3,4,9

Tricky walls!

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

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How many are in the containers altogether?

7 | 9 | 9 | 10 | 6 | 8

Squares up to 10

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

Fill in the plus tables

[5, 6, 7], [7, 8, 9], [3, 4, 5], [1, 2, 3]

[5, 6, 7], [7, 8, 9], [3, 4, 5], [2, 3, 4]

[5, 7, 9], [3, 5, 7], [6, 8, 10], [0, 2, 4]

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Multiplying

6 | 1 | 2 | 9

What does this cost altogether?

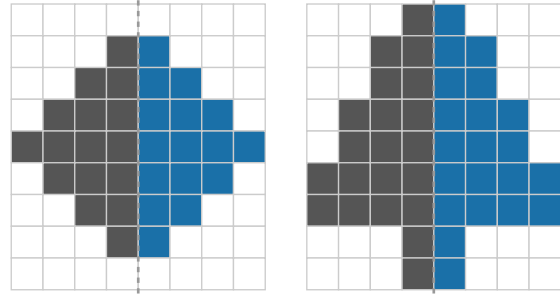
1) 7

2) 10

3) 9

4) 7

Complete the mirror image



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Tricky squares up to 10

5,4,5 | 3,4,5 | 2,6,3 | 4,2,1 | 4,2,5 | 6,3,4 | 3,5,4 | 1,3,2
3,2,5 | 0,2,0

How many ingredients does the magic potion need?

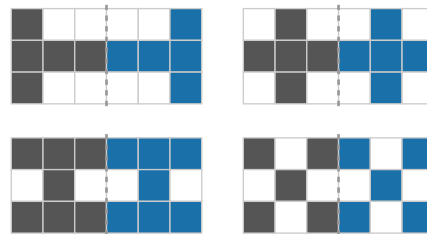
8 | 8 | 9 | 7 | 8 | 9 | 8 | 9

Shape patterns

dg | dg, dg, kg, kl | kr | qq, kr, kg, kr

Page 78

Complete the mirror image



Which die fits?

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

Simple squares

1,0 | 2,1 | 2,2 | 2,2 | 3,2 | 0,4 | 3,1 | 2,1 | 4,0 | 2,2

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The magic wand code

8 | 6 | 8 | 8 | 3 | 1 | 5 | 9 | 2

Number magic

1 | 2

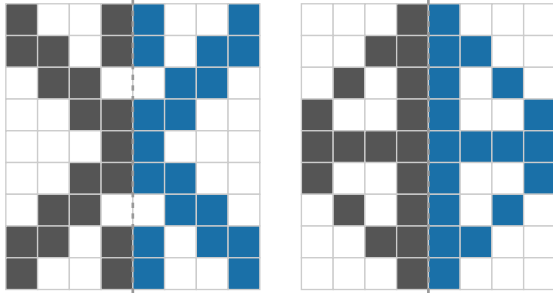
Which die fits?

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

Solutions · Grade 1

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Complete the harder mirror image

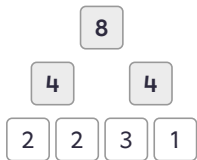
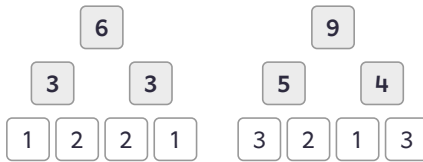


Find the way!

9,10,7,6,0,3,5,2,7,8 | 5,8,7,2,6,0,1,3,8,4,9

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Add in the golem pyramid



Dragon math

$$\begin{array}{|c|c|c|c|} \hline 3 & 1 & 2 & 1 \\ \hline \end{array} \text{ Feet} + \begin{array}{|c|} \hline 1 \\ \hline \end{array} \text{ Tail} = \begin{array}{|c|} \hline 8 \\ \hline \end{array} \text{ Body}$$

$$\begin{array}{|c|} \hline 8 \\ \hline \end{array} \text{ Body} + \begin{array}{|c|} \hline 2 \\ \hline \end{array} \text{ Neck} = \begin{array}{|c|} \hline 10 \\ \hline \end{array} \text{ Fire}$$

$$\begin{array}{|c|c|c|c|} \hline 2 & 0 & 3 & 1 \\ \hline \end{array} \text{ Feet} + \begin{array}{|c|} \hline 2 \\ \hline \end{array} \text{ Tail} = \begin{array}{|c|} \hline 8 \\ \hline \end{array} \text{ Body}$$

$$\begin{array}{|c|} \hline 8 \\ \hline \end{array} \text{ Body} + \begin{array}{|c|} \hline 2 \\ \hline \end{array} \text{ Neck} = \begin{array}{|c|} \hline 10 \\ \hline \end{array} \text{ Fire}$$

Two dice - which sum?

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

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Boss level: numbers up to 10

Top left: 2 + 1 + 2 + 1 = 6 | Top right: 3 + 3 + 1 + 1 + 2 = 10

Middle left: 3 + 4 + 2 = 9

Middle right: 2 + 1 + 1 + 1 + 2 = 7 ← magic 7!

Bottom: 2 + 3 + 1 + 3 + 1 = 10

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Write the numbers 11 to 20

11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

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Favorite animals at the zoo

12 | 7 | 15 | 9 | Penguins

Twenty frame: count and color the dots

12 | 13 | 15 | 16 | 18 | 11

Find the neighbors!

10,12 | 15,17 | 12,14 | 17,19 | 14,16 | 11,13 | 16,18 | 13,15
18,20 | 15,17 | 12,14 | 17,19

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Sort from smallest to largest!

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

1 < 2 < 3 < 5 < 7 < 10

Twenty frame: keep practicing

19 | 11 | 16 | 8 | 13 | 17

Fill in the missing numbers!

(0) (1) (2) (3) 4 (5) 6 (7) 8 (9) 10

(0) (1) (2) (3) (4) 5 (6) 7 (8) 9 (10)

5 (6) (7) 8 (9) 10 (11) (12) 13 (14) 15

10 (11) (12) (13) 14 (15) 16 (17) (18) (19) 20

2 (3) (4) 5 (6) (7) 8 (9) 10 (11) 12

8 (9) 10 (11) 12 (13) (14) 15 (16) (17) 18

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Largest to smallest

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

9 > 8 > 6 > 4 > 3 > 1

Find the neighbors!

6,7 | 8,10 | 11,12 | 14,16 | 17,18 | 5,6 | 10,11 | 7,8 | 15,17

8,9 | 9,11 | 16,17

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Long number lines

(0) (1) (2) (3) 4 (5) (6) (7) 8 (9) 10 (11) 12 (13) (14) 15 (16)

(17) 18 (19) 20

(0) (1) (2) (3) (4) 5 (6) (7) (8) (9) 10 (11) (12) (13) (14) 15 (16)

(17) (18) (19) 20

0 (1) 2 (3) (4) (5) 6 (7) (8) (9) 10 (11) 12 (13) 14 (15) (16) (17)

(18) (19) 20

0 (1) (2) 3 (4) (5) (6) 7 (8) (9) 10 (11) (12) 13 (14) (15) (16)

17 (18) (19) 20

(0) 1 (2) (3) 4 (5) (6) (7) 8 (9) (10) 11 (12) (13) (14) 15 (16)

(17) (18) 19 (20)

0 (1) 2 (3) 4 (5) (6) (7) (8) 9 (10) (11) (12) 13 (14) (15) 16 (17)

18 (19) 20

Many dots

18 | 14 | 16 | 20 | 19 | 12

Compare the numbers

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

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Twenty-frame: calculating across ten

8,2,3,13 | 9,1,3,13 | 7,3,3,13 | 6,4,3,13

Solutions · Grade 1

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Bridge across ten - addition

2,3,13 | 3,3,13 | 1,3,13 | 4,3,13 | 2,4,14 | 1,4,14 | 3,2,12
2,5,15

Number-ten buddies help!

1,1,11 | 3,1,11 | 4,1,11 | 2,1,11 | 2,4,14 | 3,2,12 | 1,5,15
5,2,12

Number patterns to 20

18,20 | 4,2 | 17,19 | 3,1

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Ten and a little more

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

Across ten - addition

2,5,15 | 1,5,15 | 3,4,14 | 2,6,16 | 1,6,16 | 2,4,14 | 1,8,18
3,5,15

How much is that altogether?

9 | 5 | 7 | 6 | 7 | 5 | 12 | 7 | 7 | 10 | 7 | 6

Even or odd

12:Y 15:N 14:Y 17:N 16:Y 13:N 18:Y 19:N

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Calculate across ten - addition

2,3,13 | 1,3,13 | 3,2,12 | 4,2,12 | 2,2,12 | 1,2,12 | 3,5,15
4,3,13

Domino sums

4 + 6 = 10 | 5 + 5 = 10 | 6 + 6 = 12 | 5 + 6 = 11 | 7 + 7 = 14
7 + 9 = 16

Which solid is this?

Cube | Sphere | Cylinder | Cuboid

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Full hours

3:00 | 7:00 | 12:00 | 5:00 | 9:00 | 1:00 | 2:00 | 8:00 | 11:00
4:00 | 6:00 | 10:00

Number magic

3 | 4

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Bridge across ten - subtraction

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

Calculate across ten - subtraction

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

Work out the caterpillars

12 | 9 | 18 | 13 | 19 | 9 | 16 | 9 | 5 | 13 | 6 | 12 | 15 | 10 | 19

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Halve the number!

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

Build the wall!

17 | 13 | 17 | 8,9,17 | 10,8,18 | 6,7,13 | 4,5,6,9,11,20
7,3,4,10,7,17 | 3,5,4,8,9,17

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How often does the number fit?

4 | 7 | 3 | 8

Work out the caterpillars

11 | 17 | 8 | 17 | 20 | 17 | 13 | 15 | 8 | 16 | 5 | 10 | 9 | 18 | 20

Steps up to 20

2,4,6,8,10,12,14,16,18,20 | 0,2,4,6,8,10,12,14,16,18
4,8,12,16,20

Work out both sides!

11 | 13 | 15 | 16 | 11 | 14 | 14 | 13

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Double the number!

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

Harder - find the missing numbers!

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

How often does the number fit?

4 | 4 | 6 | 9

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Bigger reverse problems

12,5 | 11,8 | 14,3 | 15,4 | 13,6 | 10,8 | 12,7 | 11,5 | 14,5

Spider wheel up to 20

14,7,12,17 | 3,12,15,6 | 11,7,15,5

Five and six less and more

2,12 | 4,14 | 7,17 | 4,16 | 9,19 | 1,11 | 3,13 | 1,7 | 6,16
10,20 | 7,19 | 12,18

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Who am I?

1) 8
2) 5
3) 12
4) 18

Swap problems

17 | 18 | 19 | 20 | 15 | 18 | 19 | 19

Compare the sums

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

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Bigger reverse problems

12,4 | 10,7 | 16,2 | 9,8 | 11,4 | 8,7 | 13,5 | 14,4 | 12,6

Find the right path!

6+2+4=12 | 4+5+1=10 | 9+0+1=10 | 2+5+4=11

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Which solid is this?

Cuboid | Sphere | Cylinder | Cube

The great ingredient hunt

14,11,18,16,20 | 8,16,12,17,8 | 15,8,17,14,20

Escape the great dungeon!

16,15,12,8,7,5,1,7,9,8 | 19,17,14,10,15,17,12,13,11,14

Solutions · Grade 1

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Arrow math

+5,+4,+5,-14,+9 | +2,+3,+2,-7,+5 | +6,-2,+6,-10,+4
+5,+3,+5,-13,+8 | +3,+2,+3,-8,+5 | +4,+1,+4,-9,+5

Continue the pattern

16,18,20 | 17,20 | 16,19 | 6,4,2

Spider wheel - mental math!

7,15,18,3 | 16,3,19,8 | 2,17,20,5

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Who am I?

- 1) 7
- 2) 18
- 3) 15
- 4) 12

Steps in the flower

3,6,9,12,15,18 | 0,3,6,9,12,15 | 0,4,8,12,16

Six and seven less and more

0,12 | 3,15 | 6,18 | 4,18 | 8,20 | 1,13 | 4,16 | 1,8 | 7,19
2,14 | 12,19 | 6,13

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How much is that altogether?

8 | 8 | 4 | 8 | 4 | 10 | 6 | 11 | 3 | 7 | 4 | 10

Every row, column and diagonal adds up to 15

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

Find the reverse

16,16 | 18,18 | 20,20 | 15,15 | 19,19 | 13,13 | 17,17 | 14,14
20,20

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Seven and eight less and more

0,14 | 2,16 | 10,17 | 2,18 | 12,19 | 4,11 | 6,13 | 3,19 | 1,15
3,10 | 4,20 | 9,17

Tricky patterns

5,7 | 10,13 | 15,16 | 9,13

Paths!

1+1+0+7=9 | 5+1+2+2=10 | 0+4+7+1=12 | 6+1+6+1=14

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On the clothesline

11 | 12 | 10 | 9

What is missing?

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

What goes into the cauldron?

7,15,9,13,20 | 15,11,17,14,5 | 7,12,9,18,20

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The big forest maze

1) A1, B1, C2, D2, E3, F3, G4, H4, H5, G6, G7, H7, I6, I5,
J5, K6, L6, M7, L7, M6, M5, L4, M4, N3, N4, N5, N6, N7

Fill in the plus tables

[10, 12, 13],[8, 10, 11],[14, 16, 17],[6, 8, 9]
[6, 10, 12],[13, 17, 19],[9, 13, 15],[14, 18, 20]
[13, 10, 17],[11, 8, 15],[16, 13, 20],[8, 5, 12]

Eight and nine less and more

0,16 | 2,18 | 10,18 | 0,18 | 12,20 | 1,9 | 3,11 | 2,20 | 4,20
0,8 | 10,19 | 2,11

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Adventure up to 20!

12,17,16,12,10,8,6,12,7,11 | 3,0,1,5,2,7,4,1,3,0

How many stars does each child have?

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

Add the cards

13 | 13 | 13 | 14 | 12 | 14 | 17 | 16 | 14 | 12 | 15 | 17 | 20 | 20
20 | 20

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Double the number!

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

Magic triangles - different sums

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

Secret wizard writing

14 | 12 | 15 | 12 | 3 | 1 | 11 | 13 | 2

Pick the right cards

6+9 | 5+7 | 7+6 | 8+6 | 5+12 | 4+7 | 11+3 | 9+7

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Share it fairly

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

Sort the big numbers!

11<13<14<16<18<19 | 20>19>17>15>13>12
11<13<15<16<19<20 | 20>18>17>14>13>11

Who is more popular?

17 | 16 | 19 | 20 | 6

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Minus table

[13, 11, 9],[10, 8, 6],[7, 5, 3],[18, 16, 14]
[10, 8, 5],[16, 14, 11],[7, 5, 2],[13, 11, 8]
[14, 11, 9],[10, 7, 5],[17, 14, 12],[8, 5, 3]

Subtract the cards

9 | 9 | 7 | 9 | 7 | 8 | 5 | 11 | 8 | 9 | 7 | 7 | 19 | 18 | 18 | 17

Squares up to 20

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

Complete the number houses up to 20

7+5 8+4 9+3 10+2 | 8+6 9+5 3+11 2+12
9+7 10+6 12+4 13+3 | 13+5 10+8 7+11 6+12
11+9 12+8 15+5 17+3 | 4+7 5+6 8+3 9+2
6+9 7+8 3+12 5+10

Solutions · Grade 1

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The last dungeon!

20,14,8,2,1,3,8,4,6,9,14 | 11,9,4,0,3,6,10,12,14,11

Measuring pencils

13,20,16,11 | 18,14,20,9 | 15,18,20,14 | 20,14,17,16

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Pick the right cards

9+11 | 10+8 | 2+14 | 13+6 | 12+7 | 11+5 | 8+10 | 6+11

Fill in the plus tables

[13, 15, 18],[11, 13, 16],[15, 17, 20],[9, 11, 14]

[10, 15, 16],[14, 19, 20],[8, 13, 14],[12, 17, 18]

[14, 16, 20],[10, 12, 16],[12, 14, 18],[9, 11, 15]

Find the secret card

6 | 8 | 6 | 6 | 8 | 3 | 4 | 5 | 5 | 6 | 3 | 6

More squares up to 20

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

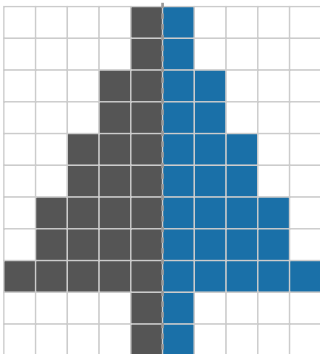
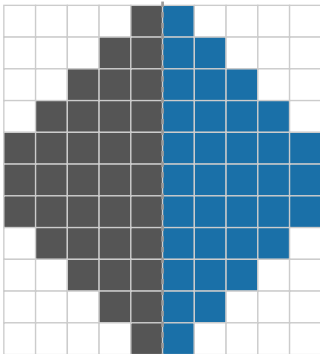
8,7,5 | 8,4,7

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Did Euli miscalculate?

13 | 8 | 11 | 7 | 15 | 9 | 14 | 6

Complete the big mirror images



Nine and ten less and more

0,18 | 1,19 | 10,19 | 10,20 | 0,9 | 11,20 | 2,11 | 0,20 | 9,18

1,10 | 2,20 | 0,10

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Puzzle bonus: Which folding pattern makes a cube?

Yes | No | Yes | No | Yes | No | Yes | No

The other way around - what goes first?

19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 13 | 12 | 14

Which day is it?

- 1) 8
- 2) 6
- 3) 9
- 4) 12

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Find the date

- 1) 10
- 2) 17
- 3) 6
- 4) 12
- 5) 18
- 6) 7

Puzzle bonus: tripling

3 | 6 | 9 | 12 | 15 | 18 | 6 | 9 | 12 | 15 | 18 | 3

Mixed - fill up to 20!

18 | 11 | 16 | 8 | 1 | 10 | 14 | 9 | 12 | 6 | 7 | 5

What does this cost altogether?

- 1) 9
- 2) 11
- 3) 10
- 4) 9

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Minus table

[13, 11, 9],[11, 9, 7],[16, 14, 12],[7, 5, 3]

[13, 11, 9],[11, 9, 7],[9, 7, 5],[5, 3, 1]

[19, 16, 12],[16, 13, 9],[12, 9, 5],[9, 6, 2]

Euli goes shopping

\$3 14¢ | \$3 12¢ | \$4 13¢ | \$2 12¢

Which day is it?

- 1) 13
- 2) 7
- 3) 9
- 4) 12

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Practice minus up to 20

12 | 11 | 12 | 13 | 8 | 6 | 8 | 8 | 4 | 13 | 9 | 9

Search for the days in the calendar

- 1) 11
- 2) 17
- 3) 8
- 4) 9
- 5) 17
- 6) 4

Half hours

3:30 | 5:30 | 8:30 | 1:30 | 10:30 | 6:30 | 12:30 | 2:30 | 7:30
4:30 | 9:30 | 11:30

Solutions · Grade 1

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How many are in the containers altogether?

17 | 20 | 18 | 16

Puzzle bonus: more tripling

15 | 18 | 12 | 6 | 12 | 9 | 9 | 6 | 18 | 18 | 3 | 15

Did Euli miscalculate?

14 | 9 | 16 | 7 | 15 | 8 | 15 | 8

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The length of the pencils

C | C | C | B

Which day is it?

- 1) 7
- 2) 7
- 3) 12
- 4) 14

Minus up to 20

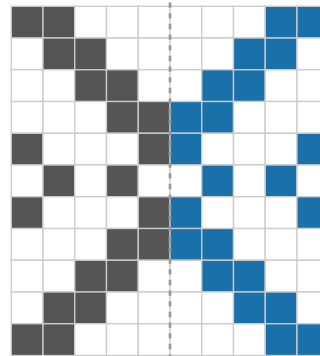
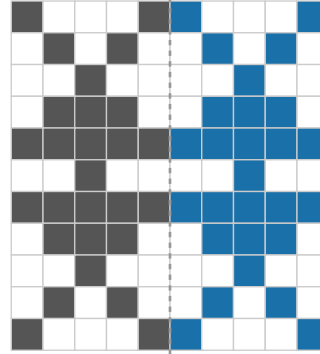
13 | 12 | 13 | 14 | 7 | 7 | 9 | 9 | 5 | 10 | 10 | 8

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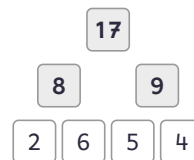
Add up the dominoes

$11 + 7 = 18$ | $10 + 7 = 17$ | $8 + 8 = 16$ | $7 + 6 = 13$ | $8 + 9 = 17$
 $10 + 9 = 19$

Symmetry pro



Add in the golem pyramid



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Add three containers together

20 | 19 | 19 | 20

Numerion goes shopping

\$16 13¢ | \$14 14¢ | \$15 15¢ | \$16 12¢

Solutions · Grade 1

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Plus and minus up to 20

17 | 14 | 17 | 9 | 19 | 12 | 18 | 8 | 17 | 7 | 18 | 13

Which day is it?

- 1) 13
- 2) 8
- 3) 16
- 4) 12

How much money is here?

\$3 | \$3 | \$5 | \$6 | \$4 | \$4 | \$5 | \$6 | \$6 | \$5 | \$7 | \$4

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Big minus table

[16, 13, 11], [12, 9, 7], [9, 6, 4], [7, 4, 2]
[14, 11, 13], [12, 9, 11], [9, 6, 8], [7, 4, 6]
[11, 9, 10], [9, 7, 8], [8, 6, 7], [6, 4, 5]

Plus and minus

16 | 11 | 6 | 7 | 7 | 14 | 17 | 7 | 15 | 17 | 12 | 19

At the toy store

- 1) \$13
- 2) 8
- 3) 20
- 4) 4
- 5) 17

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How much change?

- 1) 16
- 2) 14
- 3) 12
- 4) 18

Swapping makes it easier!

11 | 11 | 11 | 11 | 13 | 13 | 13 | 15

Number of ingredients for magic recipes

16 | 18 | 18 | 16 | 18 | 18 | 18 | 17

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Tricky - plus and minus

7 | 8 | 7 | 16 | 11 | 8 | 7 | 8 | 8 | 13 | 19 | 9

Which bills and coins?

$\$2 + \$1 + 1¢ + 1¢ + 1¢$ | $\$2 + \2 | $\$1 + 10¢ + 10¢$
 $10¢ + 5¢ + 1¢ + 1¢ + 1¢$ | $\$2 + 10¢ + 5¢$ | $\$2 + \$2 + \$1$
 $\$2 + \$1 + 10¢$

Find the secret card

5 | 6 | 4 | 4 | 6 | 6 | 3 | 7 | 3 | 5 | 3 | 8

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Counting money

$\$2 15¢$ | $\$2 20¢$ | $\$2 5¢$ | $\$3 20¢$ | $\$1 15¢$ | $\$4 10¢$ | $\$2 20¢$
 $\$3 5¢$ | $\$1 20¢$ | $\$5$ | $\$1 10¢$ | $\$3 10¢$

Which bills and coins do you need?

$\$2 + \1 | $\$2 + \$2 + \$1$ | $\$1 + 5¢$ | $\$2 + \$2 + \$2 + \1
 $\$2 + 10¢ + 10¢$ | $\$2 + \$2 + 10¢$ | $\$2 + \$2 + \$2 + 10¢ + 5¢$

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What is missing?

5 | 8 | 6 | 13 | 7 | 9 | 8 | 15 | 8 | 8 | 5 | 7

Crack the code step by step

7 | 9 | 4 | 6 | 13 | 13 | 11 | 15 | 3

Counting blocks

7,5,12 | 7,7,14 | 6,6,12 | 7,6,13 | 4,7,11 | 5,6,11 | 8,8,16
6,8,14 | 7,8,15

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Counting money

$\$3 15¢$ | $\$2 16¢$ | $\$2 16¢$ | $\$1 17¢$ | $\$4 16¢$ | $\$1 12¢$ | $\$5 20¢$
 $\$2 7¢$

At the swimming pool

- 1) 17
- 2) 7
- 3) 16
- 4) 7
- 5) 14

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Full and half hours

4:00 | 7:30 | 12:00 | 2:30 | 9:30 | 10:30 | 1:00 | 6:30 | 3:30
8:00 | 5:30 | 11:00

Euli and Numerion go shopping

$\$11 16¢$ | $\$17 17¢$ | $\$12 20¢$ | $\$11 16¢$

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Which bills and coins?

$\$2 + 10¢ + 10¢$ | $\$2 + \$2 + 5¢$ | $\$2 + \$1 + 10¢$
 $\$2 + \$2 + \$1 + 10¢ + 10¢$ | $\$1 + 10¢ + 5¢$
 $\$2 + \$2 + \$2 + 10¢$ | $\$2 + \$1 + 10¢ + 5¢$

Problems to think about

- 1) 13
- 2) 15
- 3) 7
- 4) 8
- 5) 13

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Which bills and coins do you need?

$\$2 + 10¢ + 10¢$ | $\$2 + \$2 + \$1 + 5¢$ | $\$2 + \$1 + 10¢ + 5¢$
 $\$2 + \$2 + 10¢$ | $\$1 + 10¢ + 1¢ + 1¢$ | $\$2 + \$2 + \$2 + 10¢ + 5¢$
 $\$2 + \$2 + \$2 + \$1 + 10¢ + 10¢$

Number magic

5 | 7

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Mixed clock times

1:30 | 6:00 | 9:30 | 4:30 | 8:00 | 11:30 | 2:00 | 5:30 | 10:30

3:00 | 7:30 | 12:30

At the supermarket

1) $10 \rightarrow 1$

2) $4 \rightarrow 6$

3) $6 \rightarrow 6$

4) $10 \rightarrow 15$

5) $9 \rightarrow 4$

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Boss level: numbers up to 20

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