

Grade 2 - Place Value to 1,000 - Answer Key

Common Core 2.NBT.A.1, 2.NBT.A.3 · maths-pdf.fr/en/

This **numbers to 1000 answers** for 2nd Grade covers place value to 1,000 (Common Core 2.NBT.A.1, 2.NBT.A.3), with a free PDF to print.

Check each answer here and read the steps if a problem was tricky. Every solution names the hundreds, tens and ones and shows how the value of each digit is added. Final answers are in bold so they are easy to find.

Grade 2 · Common Core State Standards: **2.NBT.A.1, 2.NBT.A.3**

Numbers to 1000 answers: exercises 1 to 10

Exercise 1 - Count the blocks

Count the flats, rods and cubes: 3 hundreds, 4 tens and 6 ones.

$$300 + 40 + 6 = 346$$

346



3 hundreds, 4 tens and 6 ones make 346.

Exercise 2 - Value of a digit

The 7 is in the tens place. It means 7 tens.

$$7 \times 10 = 70$$

70

Exercise 3 - Tens in a number

859 has 8 hundreds, 5 tens and 9 ones.

The tens place holds **5 tens**.

Exercise 4 - Ten tens

Count by 10s ten times: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100.

$$10 \times 10 = 100$$

100

Exercise 5 - Hundreds only

6 hundreds is $6 \times 100 = 600$. No tens and no ones are added.

600

Exercise 6 - Expanded form

The 5 is in the hundreds place, so it is worth 500. The 2 is worth 20. The 3 is worth 3.

$$500 + 20 + 3$$

Hundreds	Tens	Ones
5	2	3
500	20	3

$$500 + 20 + 3 = 523.$$

Exercise 7 - Expanded to standard

Add 700, 60 and 4: 7 hundreds, 6 tens and 4 ones.

764

Exercise 8 - Words to number

Four hundred is 4 hundreds. Eighteen is 1 ten and 8 ones.

$$400 + 10 + 8 = 418$$

418

Exercise 9 - Number to words

6 hundreds is six hundred. 53 is fifty-three.

six hundred fifty-three

Exercise 10 - A zero in the tens place

There are 3 hundreds, 0 tens and 5 ones.

Expanded form: $300+0+5$, or $300+5$.

Word form: **three hundred five**

Exercises 11 and up

Exercise 11 - Read the chart

The chart shows 2 hundreds, 9 tens and 1 one.

$$200+90+1=291$$

291

Hundreds	Tens	Ones
2	9	1
200	90	1

$$200 + 90 + 1 = 291.$$

Exercise 12 - Both sevens

The first 7 is in the tens place: $7 \times 10 = 70$.

The second 7 is in the ones place: 7.

70 and 7

Exercise 13 - Hundreds digit

906 has 9 hundreds, 0 tens and 6 ones.

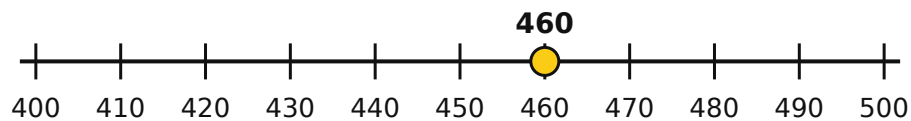
The digit is 9 and its value is $9 \times 100 = 900$.

9; 900

Exercise 14 - Where is the point?

The ticks go up by 10 from 400. The point is on the sixth tick after 400: 410, 420, 430, 440, 450, 460.

460



The point is at 460.

Exercise 15 - Ten hundreds

Count the jumps of 100: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1,000. There are 10 jumps.

$$10 \times 100 = 1,000$$

10 hundreds

Exercise 16 - Trade the rods

9 rods + 1 rod = 10 rods. Trade 10 rods for 1 flat, which is 100.

She has 1 flat and 4 cubes: $100 + 4 = 104$.

104

Exercise 17 - Digit cards

Put the greatest digit in the hundreds place: 7. Next put 4, then 0.

The number is 740, which is 7 hundreds, 4 tens and 0 ones.

740

Exercise 18 - Order trap

The parts are in a mixed order. 600 is hundreds, 40 is tens and 5 is ones.

$$600+40+5=645$$

645

Exercise 19 - Paper clips

4 boxes of 100 is 400. 2 bags of 10 is 20. 8 loose clips is 8.

$$400+20+8=428$$

428 paper clips

Exercise 20 - Mystery number

Tens digit: $6-2=4$.

The number is 649.

Word form: six hundred forty-nine.

649; six hundred forty-nine

Exercise 21 - Bake sale cookies

3 trays of 100 is 300. There are 0 tens. 7 loose cookies is 7.

$$300+0+7=307$$

307; three hundred seven

Exercise 22 - Trade for a hundred

12 rods = 10 rods + 2 rods. Trade 10 rods for 1 flat.

Now Noah has 3 flats and 2 rods: $300 + 20 = 320$.

320

Key facts behind this numbers to 1000 answers

Key facts

- A three-digit number has hundreds, tens and ones.
- 10 ones make 1 ten, and 10 tens make 1 hundred.
- 10 hundreds make 1,000.
- Numbers can be written in standard, expanded and word form.
- A zero in a place means there are none of that unit.

How to use this numbers to 1000 answers

Cover each solution, solve the exercise again, then uncover it and compare every line. If your answer differs, find the first step that changed and redo the exercise from there.

Download the numbers to 1000 answers as a PDF with the button below and keep it with your notes.