

Grade 2 · Place Value to 1,000 · Worksheet

Common Core 2.NBT.A.1, 2.NBT.A.3 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

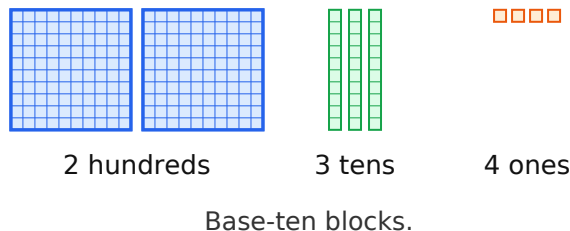
This worksheet has 22 problems about place value to 1,000. Students count base-ten blocks, read place value charts, and name the value of each digit. They also write numbers in standard, expanded, and word form (Common Core 2.NBT.A.1 and 2.NBT.A.3).

The first problems use pictures. The last six are word problems that combine several steps. Use a pencil and check each answer with the blocks or the chart.

Grade 2 Common Core: 2.NBT.A.1 · 2.NBT.A.3

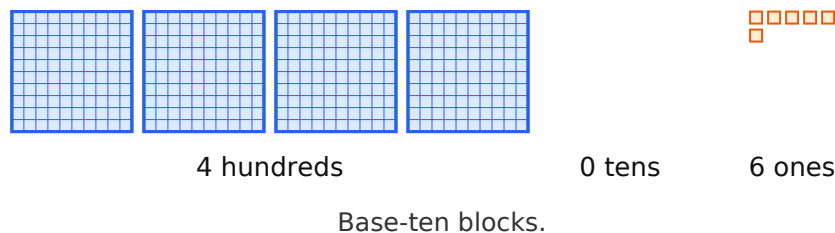
Problem 1: Count the blocks

Write how many hundreds, tens, and ones. Then write the number.



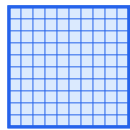
Problem 2: A number with a zero

Write the number shown by the blocks.

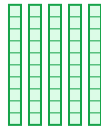


Problem 3: Flats and rods only

Write the number shown by the blocks.



1 hundred



5 tens

0 ones

Base-ten blocks.

Problem 4: Name the places

In the number 847, write the digit in each place.

- a. Hundreds place
- b. Tens place
- c. Ones place

Problem 5: Value of a digit

In the number 582, write the value of each digit.

- a. The 5
- b. The 8
- c. The 2

Problem 6: Same digit, new value

Each number has a 5. Write the value of the 5 in each number.

- a. 523
- b. 352
- c. 235

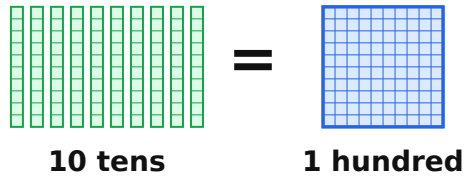
Problem 7: Hundreds and tens

Fill in each blank.

- a. 1 hundred = ___ tens
- b. 5 hundreds = the number ___
- c. 700 = ___ hundreds

Problem 8: Trade the tens

Look at the picture. Then fill in each blank.



Ten rods and one flat.

- a. 10 tens = ____ hundred
- b. 30 tens = ____ hundreds
- c. 5 hundreds = ____ tens

Problem 9: Expanded to standard

Write each number in standard form.

- a. $600+50+9$
- b. $300+7$
- c. $800+40$

Problem 10: Standard to expanded

Write each number in expanded form.

- a. 324
- b. 760
- c. 905

Problem 11: Write the number name

Write each number in word form.

- a. 275
- b. 190
- c. 612

Problem 12: Words to digits

Write each number with digits.

- a. four hundred eight
- b. nine hundred fifty
- c. three hundred sixteen

Problem 13: Zero as a placeholder

Write 7 hundreds, 0 tens, and 3 ones as a number. Then write it in expanded form.

Problem 14: Read the chart

Write the number in the chart with digits. Then write it in word form.

Hundreds	Tens	Ones
9	0	5

Place value chart.

Problem 15: Mixed-up order

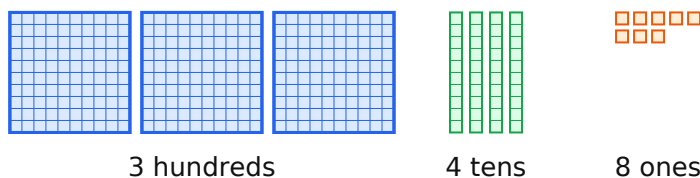
Write the number: 4 ones, 3 hundreds, and 9 tens.

Problem 16: Many tens

Write the number that is 14 tens and 3 ones. Hint: 10 tens make 1 hundred.

Problem 17: Sticker book

Maya has 3 sheets with 100 stickers each, 4 strips with 10 stickers each, and 8 single stickers. How many stickers does she have? Write the number.



Sheets, strips, and single stickers drawn as blocks.

Problem 18: Pencil boxes

Jamal packs 10 pencils in each box. He fills 36 boxes. How many pencils is that? Write the answer as hundreds and tens.

Problem 19: Library sign

A sign in the school library says it has five hundred seven books. Write the number with digits

and in expanded form.

Problem 20: Find the mistake

Diego wrote the number seven hundred forty-one as 7,041. Explain his mistake. Then write the correct number.

Problem 21: Number riddle

Aisha has a secret number. The hundreds digit is 4. The tens digit is 2 more than the hundreds digit. The ones digit is half of the tens digit. Write her number in standard form and word form.

Problem 22: Swap the cards

Priya makes the number 296 with digit cards. Then she swaps the tens card and the ones card.

- a. What is the value of the 9 in 296?
- b. What new number does she make?
- c. Write the new number in expanded form.