

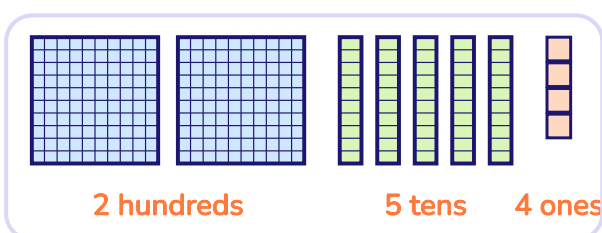
Place Value to 1,000: math practice, Grade 2 – download the PDF

22 problems graded by difficulty (★ easy, ★★ medium, ★★★ hard). Try first, without looking at the solutions!

1 Reading the blocks

★ ★ ★

Look at the base-ten blocks. Which number do they show?



2 What is each digit worth?

★ ★ ★

In the number 618, what is the value of each digit: 6, 1 and 8?

3 Write the number

★ ★ ★

Write the number: 7 hundreds, 0 tens and 3 ones.

4 Expanded form



Write 459 in expanded form.

5 From words to digits



Write the number in digits: five hundred twelve.

6 Count by 10s



Skip count by 10s and fill in the missing numbers: 130, 140, ____, ____, ____.

7 Write in words



Write 340 in words.

8 From expanded form



Write each number in standard form.

a. $600 + 20 + 5$

b. $900 + 9$

c. $500 + 70$

9 Count by 5s



Skip count by 5s: 275, 280, ____, ____, ____, ____.

10 Count by 100s



Count by 100s starting at 236. Write the next four numbers.

11 How many tens?



- a) How many tens are in 340?
- b) How many tens are in 507, and how many ones are left over?

12 Three ways



Complete each way to make 413.

- a. 4 hundreds, 1 ten, 3 ones
- b. 3 hundreds, ____ tens, 3 ones
- c. ____ tens, 3 ones

13 True or false?



Say if each sentence is true or false and explain.

- a. In 905, there are no tens.
- b. In 550, the two 5s have the same value.

14 The library boxes



A school library packs books in boxes of 100, bundles of 10 and single books. It has 6 boxes, 3 bundles and 8 single books. How many books is that?

15**Garden flowers**

A gardener plants flowers in rows of 10. She plants 25 rows. How many flowers is that?
Count by 10s to check.

16**Mystery number**

I am a three-digit number. My hundreds digit is 5. My ones digit is 3. My tens digit is twice my ones digit. What number am I?

17**Largest and smallest**

Use each of the digits 4, 0 and 7 exactly once to make a three-digit number. What are the largest and the smallest numbers you can make?

18**Trading blocks**

Mia has 2 flats, 13 rods and 5 cubes.

- What number does she have?
- Trade blocks to show the number with the fewest blocks. How many flats, rods and cubes does she use?

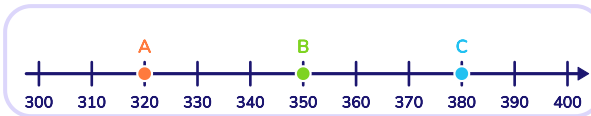
19**Find the mistake**

Leo skip counted by 10s: 670, 680, 690, 800, 810. He made a mistake. Find it and write the correct list.

20 Points on a number line



The number line goes from 300 to 400, with a mark every 10.



- a) What numbers are A, B and C?
- b) Which point is closest to 400, and how far away is it?

21 Bags of rolls



A bakery puts 10 rolls in each bag. It fills 36 bags and has 8 rolls left over. How many rolls does the bakery have? Write the answer in digits and in words.

22 Reaching 1,000



- a) How many hundreds make 1,000? How many tens make 1,000?
- b) What number is 1 more than 999?
- c) Count by 100s from 600 to 1,000.



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Speed drill for Grade 2: how many in 60 seconds?



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