

Y3 Place Value

KS2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Write 462 in expanded form

Step 1 · Find the hundreds digit

4 hundreds = 400

Step 2 · Find the tens digit

6 tens = 60

Step 3 · Find the ones digit

2 ones = 2

Step 4 · Write addition

400 + 60 + 2

Answer: 462 = 400 + 60 + 2

Check: Add them back: $400 + 60 = 460$, $460 + 2 = 462$ ✓

2. Now try one with the steps

What is the value of the 7 in 375?

Step 1 · Find where 7 sits

Step 2 · 7 is in the tens column

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. What is the value of the digit 6 in 269?

2. What is the value of the digit 4 in 481?

3. Write 538 in expanded form.

4. Write eight hundred and forty-two number.

5. I have 4 hundreds, 0 tens and 9 ones. What number am I?

6. How many tens are in 70?

7. $600 + 20 + 5 = ?$

8. $300 + 7 = ?$

9. How many tens are there altogether in 450?

10. Fill the gap: $734 = 700 + \underline{\quad} + 4$

11. Fill the gap: $582 = 500 + 70 + \underline{\quad}$

12. The number $5\square4$ is between 500 and 510. What digit is missing?

13. Swap the hundreds and ones digits of 812. What is the new number?

14. I am a 3-digit number. My hundreds digit is 6, my tens digit is double my ones digit, and my ones digit is 4. What am I?

4. Before you hand it in

Writing 304 as "three hundred and forty"

304 = 3 hundreds, 0 tens, 4 ones — "three hundred and four"

Saying the digit 7 in 175 is worth 7

7 is in the tens column, so it is worth 70

Writing six hundred and five as 6005 or 65

Use a HTO chart: 6 hundreds, 0 tens, 5 ones = 605

Thinking 346 can only be split as 300 + 40 + 6

Numbers can be partitioned in many ways: $300 + 30 + 16$ is also 346. This helps with column subtraction.