

Y5 Place Value Negatives

KS2 Y5 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

What is the value of the 7 in 472,615?

Step 1 · Name the columns from the left

4 hundred thousands, 7 ten thousands, 2 thousands, 6 hundreds, 1 ten, 5 ones

Step 2 · The 7 is in the ten thousands column

$7 \times 10,000$

Answer: The 7 is worth 70,000

Check: $472,615 = 400,000 + 70,000 + 2,000 + 600 + 10 + 5$ ✓

2. Now try one with the steps

Write three hundred and six thousand and forty-two in digits.

Step 1 · The thousands part

Step 2 · The part after the comma needs three digits

Step 3 · Put them together

Answer:

3. Practice

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

1. What is the value of the 5 in 352,108?

2. What is the value of the 9 in 913,400?

3. Write 'two hundred and forty thousand, five hundred' in digits.

4. Write 'seventy thousand and eight' in digits.

5. Write 605,030 in words.

6. Write the number one million in digits.

7. Partition 248,316 into hundred thousands, ten thousands, thousands, hundreds, tens and ones.

8. Use < or > to compare: 430,912 and 439,012.

9. Order from smallest to largest: 65,400, 456,000, 405,600, 546,000.

10. What number is $300,000 + 4,000 + 70 + 2$?

11. In 777,777, how many times greater is the value of the first 7 than the value of the second 7?

12. Write the largest 6-digit number you can make with the digits 3, 0, 8, 1, 5, 9 (each used once).

13. Write the smallest 6-digit number you can make with the same digits 3, 0, 8, 1, 5, 9.

14. A football stadium holds 74,310 people and a concert arena holds 74,130. Which holds more, and by how many?

4. Before you hand it in

Writing seventy thousand and eight as 708 or 7,008.

Draw the columns. 7 ten thousands, 0 thousands, 0 hundreds, 0 tens, 8 ones: 70,008.

Thinking 98,700 is bigger than 125,300 because 9 is bigger than 1.

Line the numbers up by their ones. A 5-digit number is always smaller than a 6-digit number.

Reading 1,205,000 as 'one thousand two hundred and five thousand'.

Commas split numbers into groups of three. The first group is millions: one million, two hundred and five thousand.

Saying the 4 in 472,615 is worth 4.

The value depends on the column: the 4 is in the hundred thousands, so it is worth 400,000.