

Max's Mathematical Place Value Challenge

Learning objective: To read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.

Use these flashcards to test your knowledge of place value. Max the monkey has hidden maths puzzles within each card! Read the front, think of your answer, and flip to check if you are correct.

What is the value of the digit 7 in the number 742,051?

700,000 (seven hundred thousand).

How do you write 'four hundred and two thousand, six hundred and eight' as a numeral?

402,608.

Compare these two numbers using $<$, $>$ or $=$: 567,890 and 567,980.

$567,890 < 567,980$.

Partition the number 834,129 into its individual place values.

$800,000 + 30,000 + 4,000 + 100 + 20 + 9$.

If you add £10,000 to £456,200, what is the new total?

£466,200.

What is 1,000 less than 1,000,000?

999,000.

Round 45,672 to the nearest 1,000.

46,000.

Arrange these numbers in descending order: 234,000; 243,000; 234,100.

243,000; 234,100; 234,000.

What is the largest possible 6-digit number you can make using the digits 4, 0, 9, 1, 7, 5?

975,410.

Explain why the position of the digit '0' is crucial in the number 506,231.

The zero is a placeholder showing there are no ten-thousands; without it, the number would be 56,231.