

Mastering Place Value!

Join Max the Monkey and solve the mystery of the digits!

- The position of a digit tells us its value. For example, in the number 4,321, the '4' stands for 4,000.
- Partitioning is splitting a number into its parts. 5,678 is the same as $5,000 + 600 + 70 + 8$.
- A digit in the hundreds column is ten times larger than the same digit in the tens column.
- We use commas to separate thousands from hundreds to make large numbers easier to read, like £1,250.
- When we have ten ones, we can exchange them for one ten. When we have ten hundreds, we exchange them for one thousand.
- Comparing numbers means looking at the highest place value first to see which number is greater or smaller.

Did you know? Did you know? The word 'digit' refers to the single symbols we use to make numbers. In our number system, we only use ten digits: 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9. By changing their place, we can make numbers as big as the stars!

Key vocabulary: Thousands · Hundreds · Tens · Ones · Digit · Value · Partitioning · Exchange