

Max's Magnificent Division Station

Master the mystery of splitting numbers with Max the Monkey!

- **Division is the act of sharing a total amount, called the dividend, into equal-sized groups determined by the divisor.**
- **The result of a division calculation is called the quotient. If there is an amount left over that cannot be shared equally, we call this the remainder.**
- **When dividing larger numbers, we can use partitioning to split the dividend into easier, smaller parts before dividing each part separately.**
- **If you are sharing £48 equally between 4 friends, you can divide 40 by 4 to get 10, and 8 by 4 to get 2, making the final quotient £12.**
- **Zero is a special number in division: you cannot divide any number by zero, but zero divided by any non-zero number is always zero!**

Did you know? Did you know? Division is like a secret code! If you know your multiplication tables, you already know your division facts. It is simply the inverse, or the 'doing and undoing', of multiplication. For example, because $4 \times 5 = 20$, we know that $20 \div 5 = 4$!

Key vocabulary: Dividend · Divisor · Quotient · Remainder · Inverse · Equal groups · Partitioning