

Max's Prime Number Puzzle Guide

Unlock the Secrets of Prime Numbers with Max the Monkey!

- A prime number is a whole number greater than 1 that has exactly two factors: 1 and itself.
- Composite numbers are the opposite of primes; they have more than two factors because they can be made by multiplying other numbers together.
- The number 1 is a special case: it is neither prime nor composite because it only has one factor.
- To check if a number is prime, try dividing it by smaller prime numbers like 2, 3, 5, and 7 to see if there is a remainder.
- Prime numbers are the 'building blocks' of all other numbers; every composite number can be broken down into a unique set of prime factors.

Did you know? Did you know that the number 2 is the only even prime number in existence? Every other prime number is odd! This is because any even number greater than 2 can be divided by 2, which means it has more than two factors.

Key vocabulary: Prime Number · Composite Number · Factor · Multiple · Divisible · Product