

Max's Mathematical Factors and Multiples Maze

Master the Maths Maze with Max the Monkey!

- A factor is a number that divides into another number exactly, leaving no remainder. If you have 12 apples, the factors are 1, 2, 3, 4, 6, and 12.
- A multiple is the result of multiplying a number by an integer. For example, the multiples of 5 are 5, 10, 15, 20, 25, and so on.
- To find common factors, list all the factors of two different numbers and circle the ones that appear in both lists.
- Remember: 1 is a factor of every number, and every number is a multiple of itself.
- Multiples grow larger, but factors stay the same size as or smaller than the original number.

Did you know? Did you know? A 'perfect number' is a number that is the sum of its proper factors (excluding the number itself). For example, 6 is a perfect number because $1 + 2 + 3 = 6$. Can you find the next one? (Hint: It is less than 30!)

Key vocabulary: Factor · Multiple · Product · Common Factor · Divisor · Prime Number