Mastering Factors and Multiples with Max the Monkey

Learning objective: To identify, find, and use factors and multiples, including finding common factors and common multiples.

Use these flashcards to test your knowledge of factors and multiples. Max the Monkey has prepared these to help you master your number properties for Year 6 maths!

What is a factor?	What is a multiple?
A number that divides into another number exactly, leaving no remainder.	A number that you get after multiplying a number by an integer (e.g., 12 is a multiple of 3).

List all the factors of 12.	What are the first four multiples of 7?
1, 2, 3, 4, 6, 12.	7, 14, 21, 28.

What is a common factor?	Find the highest common factor (HCF) of 8 and 12.
A number that is a factor of two or more different numbers.	4.

What is a prime number?	Is 1 a prime number?
A number greater than 1 that has exactly two factors: 1 and itself.	No, a prime number must have exactly two distinct factors.

Find the lowest common multiple (LCM) of 3 and 5.	Max bought 6 bananas for £1.20. Is 6 a factor of 120?
15.	Yes, because 6 x 20 = 120.

True or False: Every number is a multiple of 1.	What is a composite number?
True.	A positive integer greater than 1 that has more than two factors.