

Max's Magnificent Multiples and Factors

Join Max the Monkey on a mathematical adventure to unlock the secrets of numbers!

- A factor is a number that divides into another number exactly, with no remainder. Max says: 'If I have 6 apples, I can share them into 2 equal groups of 3. So, 2 and 3 are factors of 6!'
- A multiple is what you get after multiplying a number by an integer. Think of it like the times tables. The multiples of 5 are 5, 10, 15, 20 and so on.
- Max loves to use arrays to find factors. If you can make a perfect rectangle out of counters, the side lengths are the factors of your total number.
- Remember: Factors are usually smaller than or equal to the number. Multiples are usually larger than or equal to the number.
- If you buy 4 packs of stickers for £2 each, you have spent £8. Here, 8 is a multiple of 4 and 8 is a multiple of 2!

Did you know? Did you know? Every number has at least two factors: the number 1 and the number itself! For example, the factors of 7 are just 1 and 7.

Key vocabulary: Factor · Multiple · Product · Divide · Multiply