EVEN AND ODD NUMBERS

A PARTNERS FOR EVERYONE?

> **Definition Even and Odd Numbers**
>
> - An **even number** is a number that can be split into **two equal groups** or where every item has a partner. Nothing is left out.
>   Examples: $0, 2, 4, 6, 8, 10, 12, \ldots$
>
> - An **odd number** is a number that cannot be split into two equal groups or one item will always be left without a partner.
>   Examples: $1, 3, 5, 7, 9, 11, 13, \ldots$
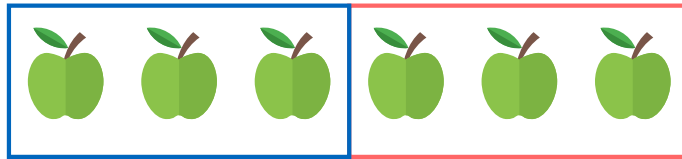
Handy Tip: Look at the last digit!

- Numbers ending in **0, 2, 4, 6, or 8** are always **even**.

- Numbers ending in **1, 3, 5, 7, or 9** are always **odd**.

Ex: Is 6 even or odd?

Answer: The number 6 is **even**. We can see this in two ways:

- We can make 2 equal groups of 3 with no apples left over.

- We can make 3 pairs with no apples left over.