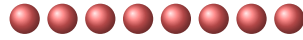


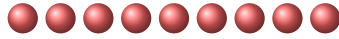
# EVEN AND ODD NUMBERS

## A EVEN AND ODD NUMBERS

**Discover:** Let's explore even and odd numbers! Imagine you have marbles to share equally with a friend. In the first case, you have 8 marbles. Can you split them evenly?



Now, if you have 9 marbles, can you still split them evenly?



*Answer:* For 8 marbles, each of you can get 4 marbles, with none left over.



For 9 marbles, each of you can get 4, but there's 1 marble left over.



Numbers that split evenly with none left are **even**. Numbers with one left over are **odd**.

### Definition Even number

An **even number** is a number that you can divide into 2 equal groups with no leftovers.

Examples: 0, 2, 4, 6, 8, 10, 12, 14, ...

### Definition Odd number

An **odd number** is a number that cannot be divided into 2 equal groups without leaving one out.

Examples: 1, 3, 5, 7, 9, 11, 13, 15, ...

**Ex:** Is 6 even or odd?



*Answer:* 6 is even because you can divide it into 2 equal groups of 3 apples:

