

Today's Math's Challenge

Odd and Even numbers

0	1	2	3	4	5
even	odd	even	odd	even	odd

What is an odd number? Can you write some under 100

What is an even number? Can you write some under 100?

What do you notice about even numbers? What do you notice about odd numbers?

Note for adults!!

An **even number** is a **number** that can be divided into two equal groups. An **odd number** is a **number** that cannot be divided into two equal groups. **Even numbers** end in 2, 4, 6, 8 and 0 regardless of how many digits they have (we know the **number** 5,917,624 is **even** because it ends in a 4!). **Odd numbers** end in 1, 3, 5, 7, 9.

If I add 2 even numbers together I will sometimes have an even number for my total. True or false?

If I add 2 odd numbers together I will have an odd number for my total. True or False?

If I add an odd number and an even number I will always have an odd number for my total. True or False?

Whatever you think you have to prove it by trying out many different addition calculations to make sure you are right.

How can you present your results? What about a chart?

Can you explain why it is true or why it is false?