***Tug of War***

***Your challenge: Why not play a maths version of Tug of War?***

You will need:

* 2 players
* A set of digit cards containing two each of the digits 0 – 9
* Pencil and paper (or whiteboard and pen)
* Sweeties for the winner!!!

How to play:

1. Firstly, decide which player is going to ‘**add**’ and which player is going to ‘**subtract**’, then **shuffle** the digit cards into one pile.

Write down the number 250,000 at the top of your piece of paper.

2. The player who is adding starts first. They turn over **five** cards and make them into a **five-digit number** (for example, 45,658). The player who is adding, adds these to 250,000

(e.g. 250,000 + 45,658 = 295,658).

The result of this calculation is your new running total.

3. The player who is **subtracting** goes next. They turn over **5** digits, make it into a **five-digit number** and **subtract** it from the **running total**.

4. Keep playing in the same way, taking it in turns to make a number and add or subtract it.

If the player who is **adding** gets **450,000** they win, and if the player who is **subtracting** gets the running total **below 50,000** they win!

***Who will win the tug of war?***