

7/8/24

Today in maths club, we played a game known as 'Euclid's Game'. It was interesting and fun to play games like this. Basically it's about any two numbers from 1-99 and we will make 2 players. This players will choose any number and write all the outputs only positive values. For example,

Player I	Player II
1	9
8	7
2	6
3	5
4	

Here, this are the possible outcome. and the player I had won the game.

By using this, we can write the HCF of the numbers smaller number.

Also, in this we can predict who is the winner.

If both numbers are odd the player I will win.

If player I chooses odd no. or even no. and the player II choose even no. or odd no. resp. then player II will win.

Everyone enjoyed this game. I would request maths club teachers to bring games like this and make maths so fun to learn.