Further Investigation:

1)	List which games, if any, you won and if you played first/second. Do you notice a pattern?
2)	What was your strategy when playing the games? Did you have one? Did it help you win games or not?
3)	Can you list all of the PAIRS of elements in Z_7 that add up to 0 mod 7? What about the pairs in Z_{10} for 0 mod 10? Z_8 for 0 mod 8?
4)	Did the game ever end before all the elements were played? How about if all elements were played? Does it matter?

Further Investigation Part 2: Building a Proof

1)	Can Player 1 ever lose the game? Can Player 2 ever win the game? Under what conditions do these things occur?
2)	Let's play a game over $Z\square$. You get to pick whether or not you want to go first or second. Which do you choose? Does it matter if I change the game to $Z\square\square$? What about any Z_a where $_a$ is even? Odd?
3)	Provide some possible conjecture for this game: does it have a definite outcome for every instance it is played? Does someone always win and why?