**How will you be paid for your predictions?**

You are asked to state a number, between 0 and the number of Virtual Assistant turns, as your PREDICTION of the number of correct moves that the Virtual Assistant makes.

1. Let us call your PREDICTION 𝑷, the TRUE number of correct moves 𝑻, and the number of Virtual Assistant turns **X.**
2. Given your prediction, we can calculate the difference (𝑷 – 𝑻)2.

Note: Since both 𝑷 and 𝑻 are between 0 and **X**, the minimum value of this difference is 0, while the maximum value is **X2**.

1. At the end of the experiment, we use a computer software to randomly draw a number 𝑵 between 0 and **X2**. Each number between 0 and **X2** is equally likely to be drawn.
2. You earn 2 USD if (𝑷 – 𝑻)2 is less than or equal to 𝑵, and zero otherwise.

Summary:

You are more likely to receive 2 USD when (𝑷 – 𝑻)2 is smaller!

The more accurate your prediction is, the smaller (𝑷 – 𝑻)2 will be, and the more likely it is that

you receive 2 USD.

**Hence, you should state your prediction as accurately as possible.**