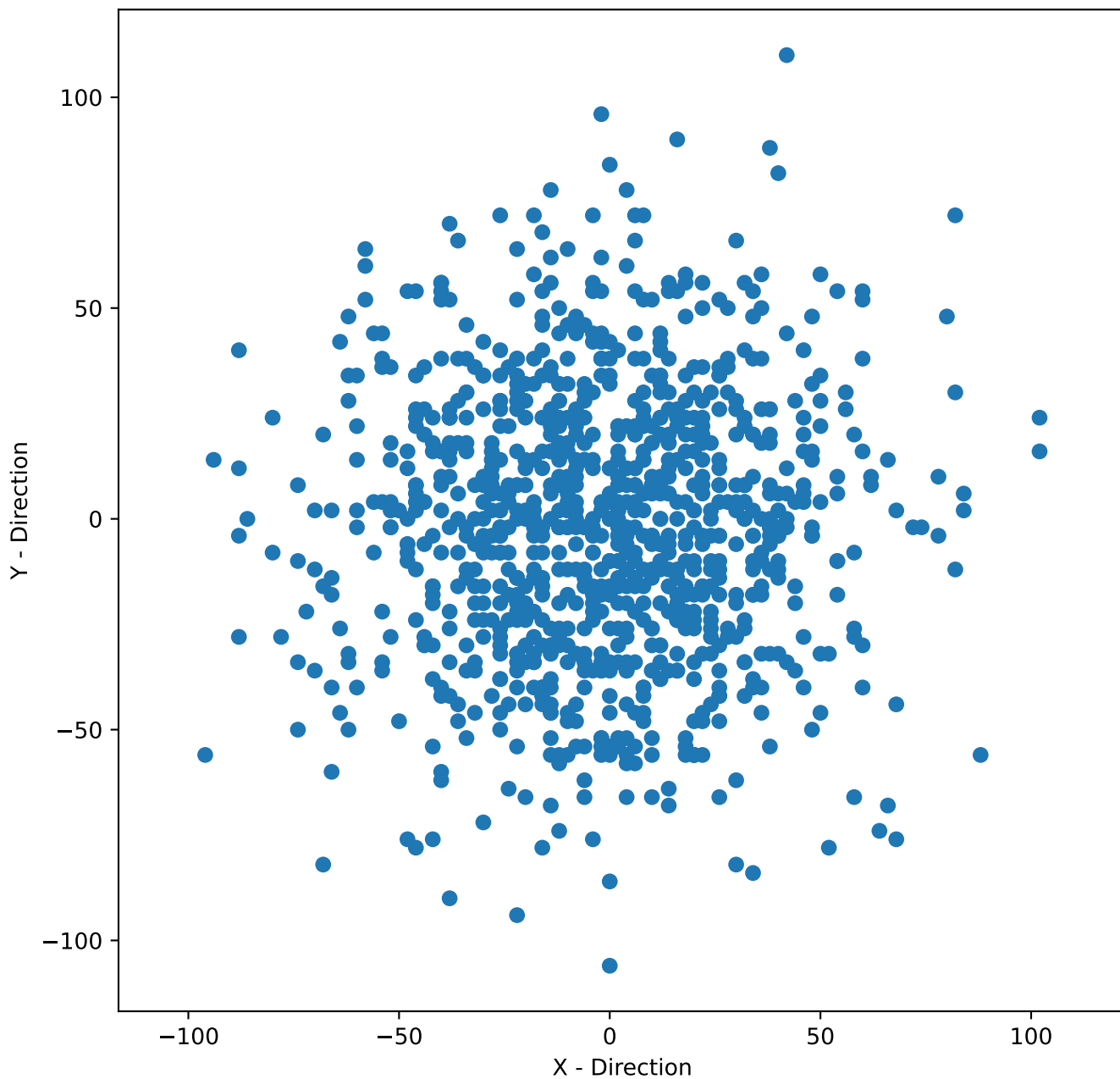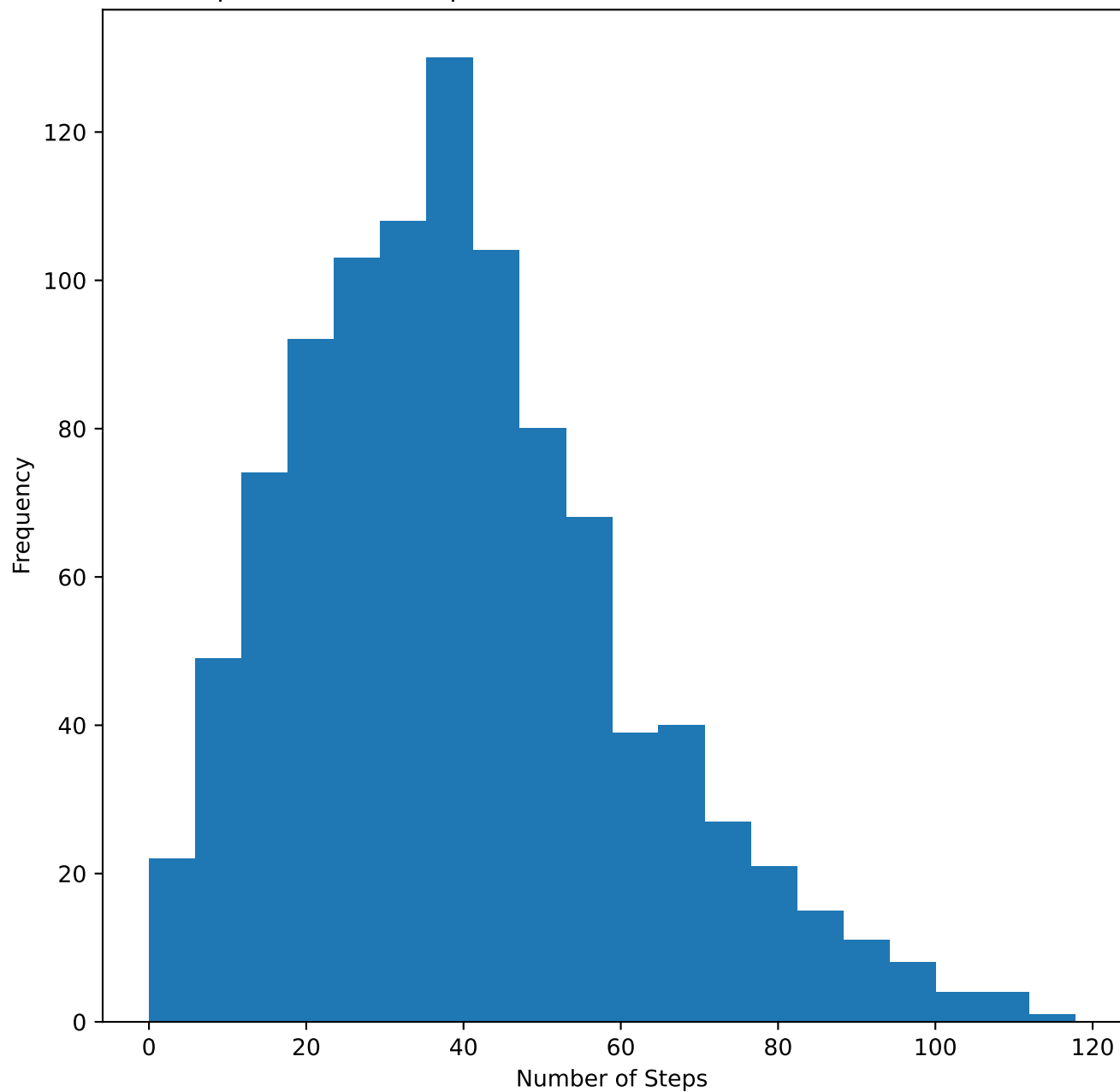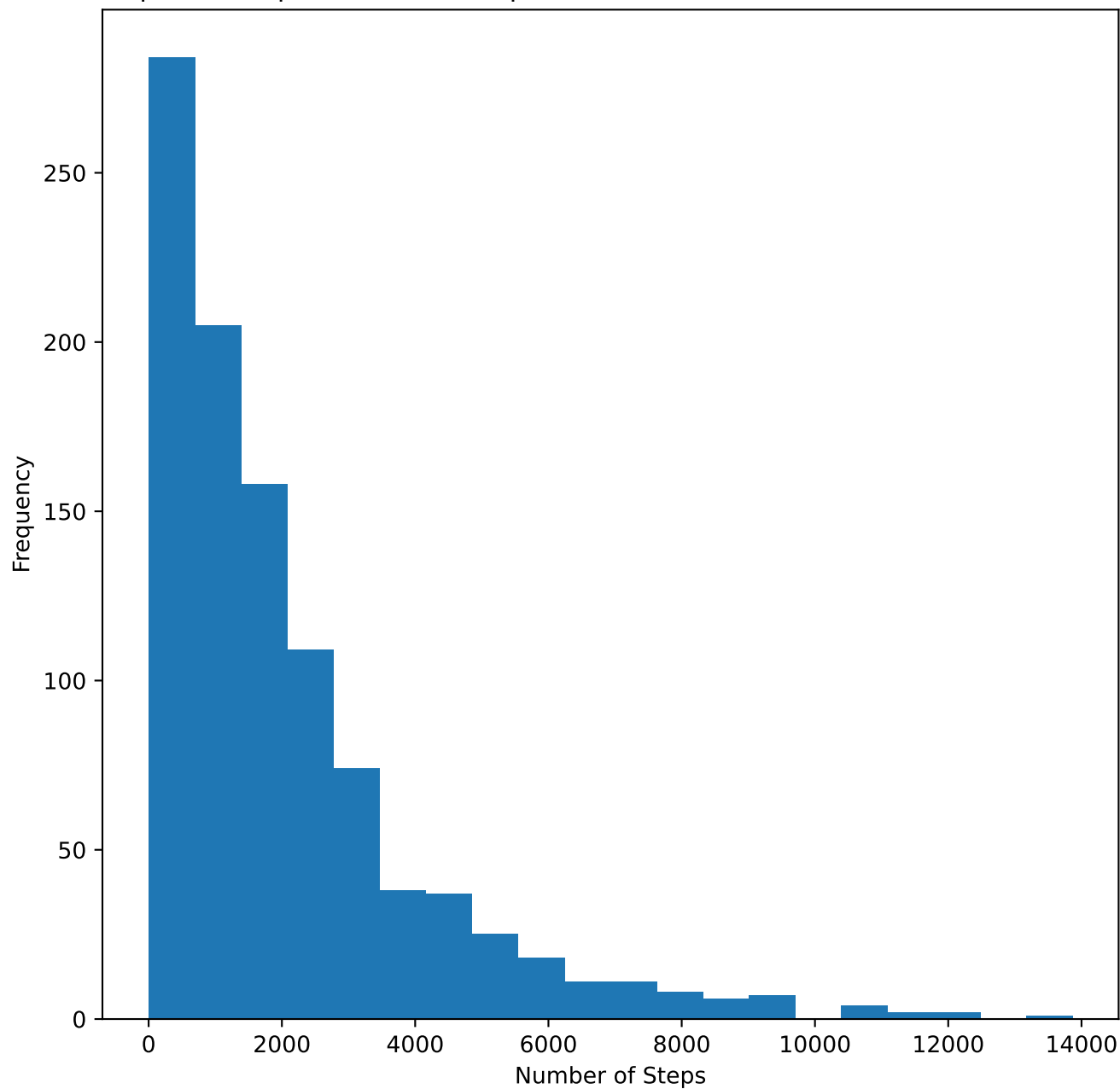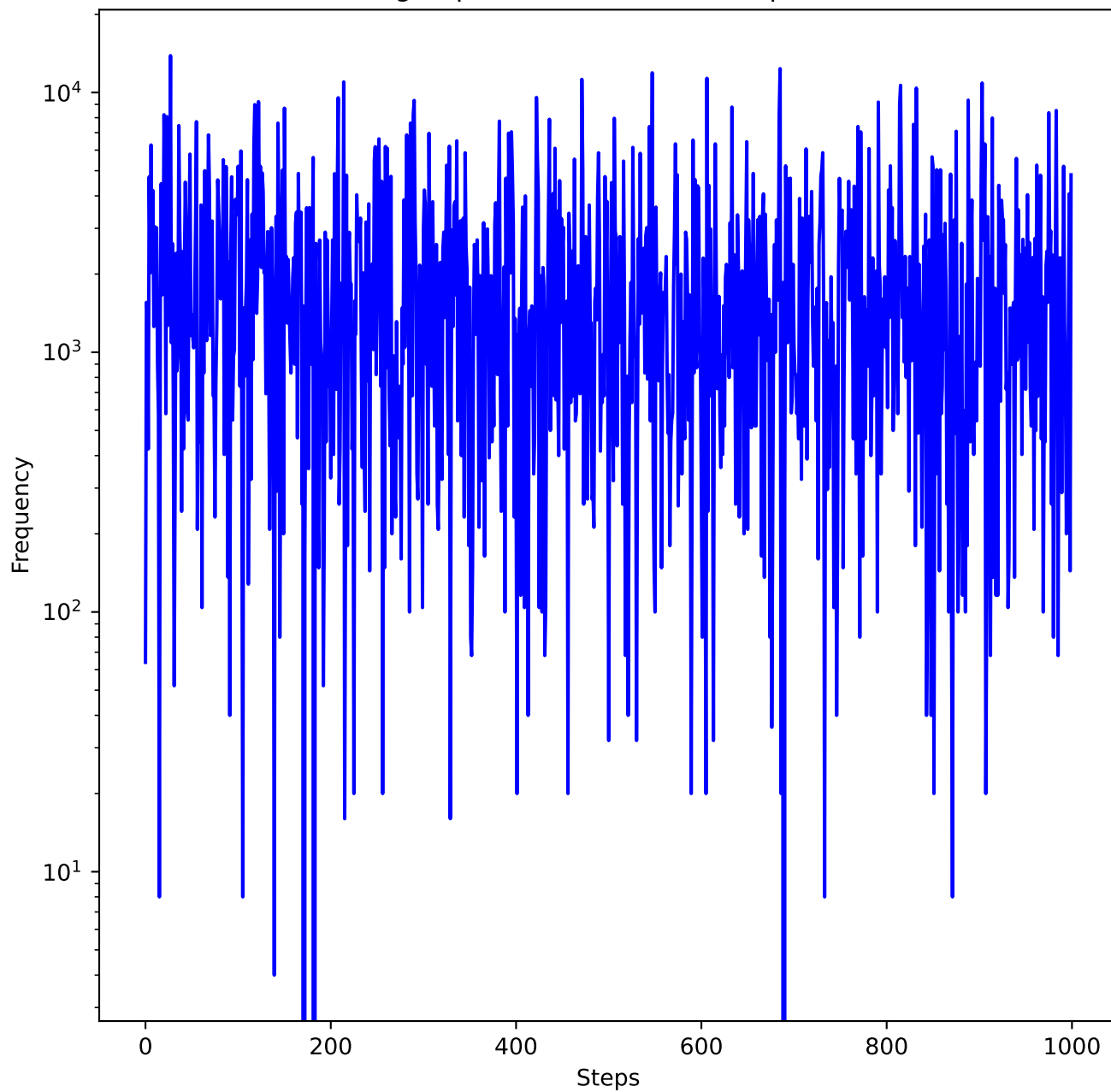Scatter Plot of the 1000 Different Walks

Displacement in Steps Generated from the 1000 Random Walks

Squared Displacement in Steps Generated from the 1000 Random Walks

Semilog Representation of the Displacement

Loglog Representation of the Displacement