

## CWSF 2007 - Truro, Nova Scotia



### Ethan Toumishey

#### Game Theory and Human Behavior

**Division:** International / None

**Category:** Senior

**Region:** New Brunswick

**City:** St. Stephen, NB

**School:** St. Stephen High School

**Abstract:** In my project, Game Theory and Human Behavior, I performed an experiment to test game theory's assumption of perfect rationality in its participants. To test this I did a systematic sampling of my school using a simple number game called Guess 2/3. My hypothesis was that the students would assume that the other players played randomly instead of rationally.

#### Biography

My name is Ethan Toumishey and I lived in the town of St. Stephen, New Brunswick my whole life. There I have enjoyed participating in numerous activities and sports. At my school I have recently been chosen Student of the Month and have held the highest average in my class for the past five years. I also am part of the choir, drama club, math team, and am junior president of my school's TADD group. I am particularly proud of making my stage debut in my school's Christmas production. Recently I competed for my school in chess and French oratory competitions, and in both I won my district competition. I also enjoyed playing on my school's varsity basketball, soccer, and volleyball teams. Outside of the school I am working towards the gold level Duke of Edinburgh award, and I enjoy working with young kids in this area through the Small Ball program and summer soccer program. Travel is a great personal interest and I have enjoyed recent trips to Ottawa and New York where I jumped at the chance to use my French immersion education to communicate with people from different parts of the country and the world.