

Jet Hockey

(300 points available + 50 extra points)

QUESTIONS

Questions 1-7 deal with the base case scenario.

1. Which team will win the tournament? – **25 Points**
 - a. Borea
 - b. Fantastan
 - c. Jetlandia
 - d. Ntise
 - e. Oftome
 - f. Ridesia

2. How many days will the ordinary supporters of Konka team spend in Fantastan? – **25 Points**
 - a. 4
 - b. 5
 - c. 6
 - d. 7
 - e. 8
 - f. 9

3. How many fans will come to see the tournament? – **25 Points**
 - a. 83,840
 - b. 84,840
 - c. 85,840
 - d. 86,840
 - e. 87,840
 - f. 88,840

4. How many supporters (excluding fans) will come to see the tournament? – **25 Points**
 - a. 545,379
 - b. 556,379
 - c. 567,379
 - d. 578,379
 - e. 589,379
 - f. 600,379

5. How much money will the fans spend in total over the course of the tournament? – **25**

Points

- a. \$315,572,624
 - b. \$323,012,532
 - c. \$343,982,655
 - d. \$358,725,987
 - e. \$365,681,678
 - f. \$377,654,679
6. How many teams are there that will have more money spent by the fans compared to the ordinary supporters (not including the teams that haven't qualified for the finals)? – **25**

Points

- a. 0
 - b. 1
 - c. 2
 - d. 3
 - e. 4
 - f. 8
7. How much money will be spent in total over the course of the tournament by both fans and ordinary supporters? – **50 Points**
- a. \$1,505,304,819
 - b. \$1,515,304,819
 - c. \$1,525,304,819
 - d. \$1,535,304,819
 - e. \$1,545,304,819
 - f. \$1,555,304,819

Questions 8-9 deal with the alternative scenario. Please change the seeding accordingly – see Assumptions tab for details (1 – Zamlos, 2 – Yates, 3 – Xerxes,... 16 - Fantastan).

8. Under the new assumptions, how much money will be spent in total over the course of the tournament? – **50 Points**
- a. \$2,000,679,542
 - b. \$2,100,679,542
 - c. \$2,200,679,542
 - d. \$2,300,679,542
 - e. \$2,400,679,542
 - f. \$2,500,679,542

9. Under the new assumptions, which team's fans and supporters will spend the most money over the course of the tournament? – **50 Points**
- a. Menand
 - b. Queenslandia
 - c. United Malaudines
 - d. Vanustan
 - e. Wala
 - f. Zamlos

Question 10 is a bonus question, dealing with yet another scenario. Please change the seeding accordingly – see the Assumptions tab for details.

Under this question, the 16 strongest teams qualify for the tournament. Seed these teams yourself in such a way that the total overall amount of money spent is maximized.

10. How much money will be spent in total over the course of the tournament? – **50 Points**
- a. Type in your answer rounded to the nearest integer (e.g., 1234567890). When uploading your model, please leave it showing the exact seeding for Q10 to get the bonus points.