## Ottawa Math Journal -Nr 7, July 2021

**Problem 35A** No solutions.

**Problem 42A** Solved by: Frederick Pu, 5.5 points

**Problem 43A** Solved by: Ray Wang, 5.5 points

Problem 48A Solved by: Frederick Pu, Muhammad Wasif Kamran, and Oliver Long, 3.25 points each

Problem 50A Solved by: Mingqing Dai, Eric Sui and Ronil Chanchlani, 3.25 points each

**Problem 53A** No solutions.

**Problem 54A** Solved by: Mingqing Dai, Eric Sui, Annika Xu, and Andrew Qiu, 2.8 points each

**Problem 55A** No solutions.

**Problem 56A** Solved by: Eric Sui, 5.5 points

**Problem 57A** No solutions.

**Problem 58A** Solved by: Annika Xu, 5.5 points

**Problem 59A** Solved by: Frederick Pu, Karan Chawla, Annika Xu, Ronil Chanchlani and Mingqing Dai, 2.5 points each

**Problem 60A** Solved by: Frederick Pu, Muhammad Wasif Kamran, Eric Sui, Ronil Chanchlani and Mingqing Dai, 2.5 points each

**Problem 61A** Solved by: Ronil Chanchlani, 5.5 points

**Problem 62A** Solved by: Frederick Pu, Muhammad Wasif Kamran, Eric Sui, and Ronil Chanchlani, 2.8 points each

**Problem 63A** Solved by: Frederick Pu, Muhammad Wasif Kamran, Yule Juren Perez Agbayani, 3.25 points each

**Problem 64A** Solved by: Frederick Pu, Muhammad Wasif Kamran, Karan Chawla, Cosmina Ghitescu, Ronil Chanchlani, Eric Sui, and Mingqing Dai, 2.125 points each

**Problem 65A** Solved by: Frederick Pu, Muhammad Wasif Kamran, Karan Chawla, Mingqing Dai, Ronil Chanchlani, and Eric Sui, 2.28 points each

Problem 39B No solutions.

Problem 40B No solutions.

**Problem 42B** Solved by: Andrew Dong, 5.5 points

**Problem 49B** Solved by: Andrew Dong, 5.5 points

**Problem 52B** Solved by: Andrew Dong, 5.5 points

Problem 53B Solved by: Mikhail Lytov, 5.5 points

**Problem 54B** Solved by: Andrew Dong, 5.5 points

**Problem 56B** No solutions.

**Problem 58B** Solved by: Cosmina Ghitescu Mikhail Lytov, Zander Karaganis, and Andrew Dong, 2.8 points each

Problem 59B Solved by: Cosmina Ghitescu Mikhail Lytov, and Andrew Dong, 3.25 points each

**Problem 60B** Solved by: Mikhail Lytov, 5.5 points

Problem 61B Solved by: Cosmina Ghitescu and Mikhail Lytov, 4 points each

Problem 62B No solutions.

Problem 63B No solutions.

Problem 64B Solved by: Andrew Dong, 5.5 points

Problem 65B Solved by: Cosmina Ghitescu, Mikhail Lytov, and Andrew Dong, 3.25 points each

**Problem 66B** Solved by: Mikhail Lytov, 5.5 points

**Problem 67B** No solutions.

Problem 68B No solutions.