



MaPP Challenge '19 - To Infinity And Beyond

Mathematical Puzzle Programs



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Part I

About



MaPP Challenge '19 - To Infinity And Beyond Scoresheet

Game Control and your team each have a copy of this scoresheet. When submitting solutions, bring your team's copy to Game Control to be updated.

School Name	Team Name/ID	League
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Opening Puzzle: Where No One Has Gone Before — Used to unlock Main Puzzles

Main Puzzles

1500VP for each Main Puzzle solved; Time Solved used to break ties in VP

1	Clontz - Hamiltonian Decompositions	Time Solved	VP Earned
2	Carrigan - Art gallery problems	Time Solved	VP Earned
3	Couch - Matroids(?)	Time Solved	VP Earned
4	Clontz/Varagona - Idempotent Relations	Time Solved	VP Earned

Cryptic Puzzles

500VP for each Cryptic Puzzle solved; Time Solved used to break ties in VP

1	Clontz - Constellations	Time Solved	VP Earned
2	Clair - Space Travel	Time Solved	VP Earned
3	Clontz/Reiter - KenKenKen	Time Solved	VP Earned
4	Clontz/Harshbarger - Word Problem	Time Solved	VP Earned

Bonus Puzzle

Up to 500VP for best submission

Holshouser - Origami	First Submission	Second Submission	Third Submission	VP Earned
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Metapuzzle

1000VP if solved, Time Solved used to break ties in VP

???	Time Solved	VP Earned
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Up to 500VP if earned, Time Acquired used to break ties in VP

Additional VP	Time Acquired	VP Earned
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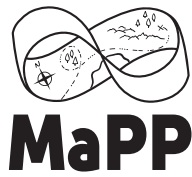
10,000VP Maximum

Total VP Earned

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Part II

Puzzles



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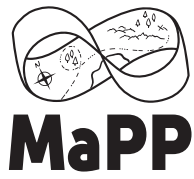
Where No One Has Gone Before

Opening Puzzle

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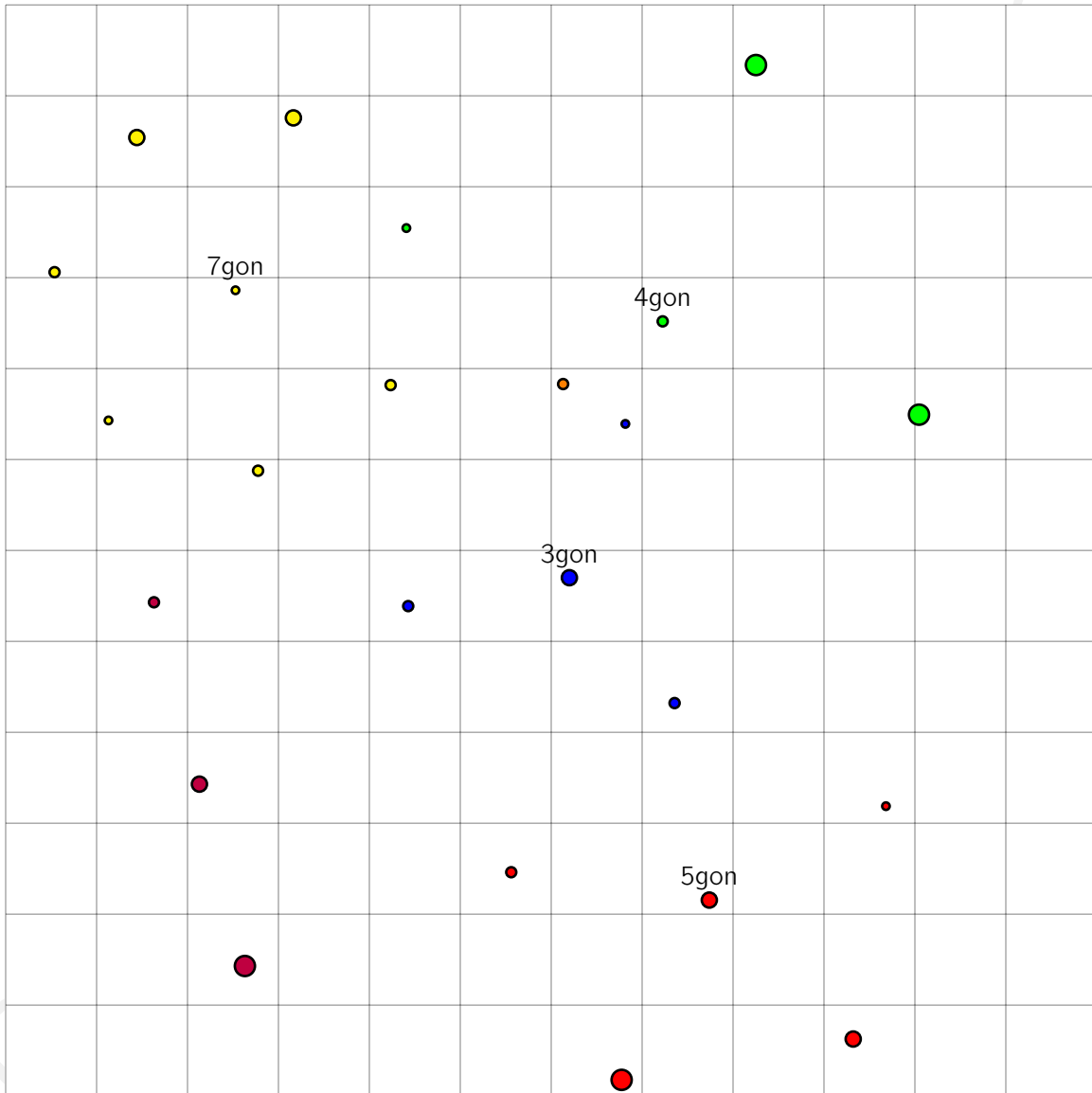
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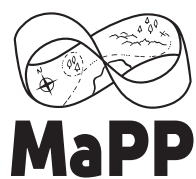


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Where No One Has Gone Before

Star Chart





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Word Problem

Cryptic Puzzle 4

DRAFT 2018/08/26



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Word Problem

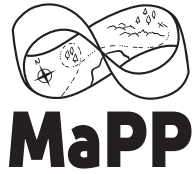
Mysterious Message

For a time I tried carefully to detail yarns via large crawling textboxes.

However, composing all of the concepts when curbed by finite room, the new strategy now is...

Part III

Solutions



MaPP Challenge '19 - To Infinity And Beyond Solutions

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