

Mathematical Puzzle Programs



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Part I

About



School Name

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.

Team Name/ID

Opening P	uzzle: Where No One	Has Gone E	Before — Used	to unlock Ma	ain Puzzles
Main Puzz	zles		1500VP for each Main	Puzzle solved; Time S	olved used to break ties in \
1	Clontz - Hamiltonian Decompositions			Time Solved	VP Earned
2	Carrigan - Art gallery problems			Time Solved	VP Earned
3	3 Couch - Matroids(?)				VP Earned
4	Clontz/Varagona -	lations	Time Solved	VP Earned	
Cryptic Pu	ızzles		500VP for each Cryptic	Puzzle solved; Time S	olved used to break ties in \
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 Puz	zzle			Up	to 500VP for best submissi
Holshouse	r - Origami	Second Submission	Third Submission		VP Earned
Metapuzz	le		100	MOVP if solved. Time S	olved used to break ties in '
	???	Time Solved	VP Earned		
			Up to 500V	/P if earned, Time Acc	juired used to break ties in \
			Additional VP	Time Acquired	VP Earned
					10,000VP Maximu
			Total	VP Earne	·d

Part II

Puzzles



Where No One Has Gone Before

Opening Puzzle

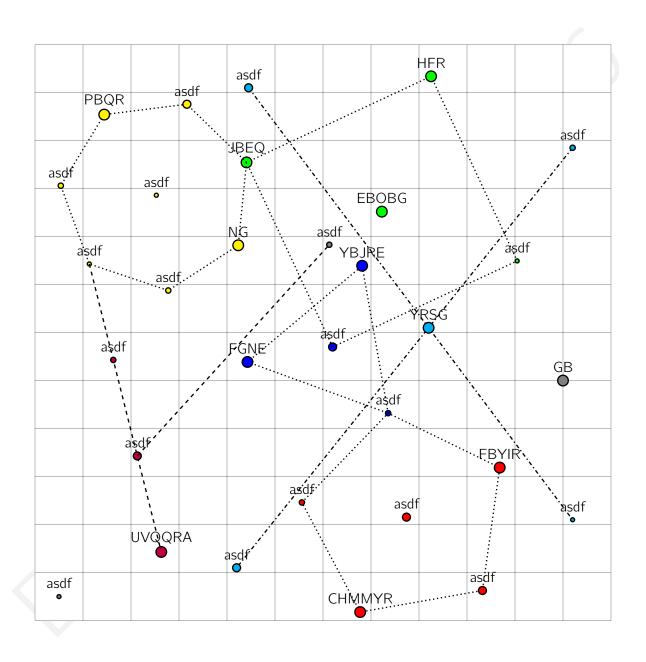
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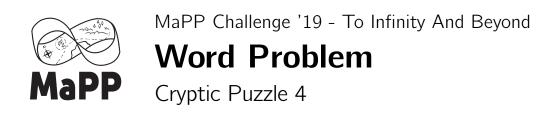
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Where No One Has Gone Before Galaxy Chart







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



Solutions

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