Input

3 5 7 9 2 8 6

1 7

2 7

3 8

2 9

1 9

1 8

Output

Nobody can reach the Illudium Phosdex

Maps

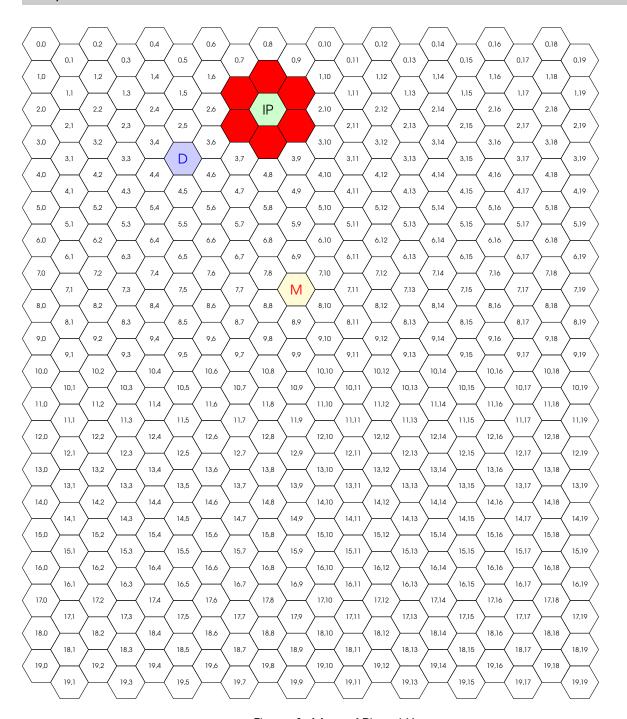


Figure 1: Map of Planet X