1. All roads lead to a different location than their starting point and all roads allow travel in both directions.
2. Cities are always bigger than towns and towns are always bigger than villages.
3. Every location is either a city, a town or a village.
4. There is at least one city.
5. There is no more than one city.
6. There are at least two towns.
7. Either a location is a city or it has a road to a larger location.
8. Villages only have one road to another location.
9. Every town has at least three roads that lead to different locations.
10. Every location has no more than 3 roads leading to other locations.

There is exactly one city.

There are at least two towns.

Villages only have one road.

Every town has exactly three roads.

Every city has at most three roads.