

2010 Solutions

(C) Lost in Yerevan (I/I)

This is a fairly simple problem to solve. One possible way to start is to look for the station on the map that has three words in its name. Then, based on its spelling as well as the spelling of the other given station names, one can easily determine that Armenian is written left to right and that both vowel and consonant sounds are represented as single characters in Armenian. Note that some sounds (e.g., "ts", map to multiple letters in English). After a few iterations, it is easy to reconstruct the entire part of the Armenian alphabet that is needed for this problem. The only "tricky" part has to do with the "T" character which doesn't appear in the names of the labeled stations, though it appears in the name of the subway system (METROPOLITEN).

