Street Map

JUDGE READS TO TEAM:

This is a hands-on problem. In an actual tournament you would have one minute to select the five team members who would compete.

This is a two-part problem. **In part 1, you will have 5 minutes to develop your solution and practice. In part 2, you will be given 2 minutes to solve the problem for score.** You may ask the judge questions at any time; however, time will continue.

In Part 2 of this problem, you will divide your team into two groups: the Signalers and the Markers. During Part 2, The Signalers must stand behind Table 1, and the Markers must stand behind Table 2.

Your Problem Is: In Part 1, your team must devise a nonverbal communication system that uses the materials provided. You will be given a practice solution map to use for Part 1. **In Part 2, the Markers will be given a blank street map and a marker.** The Signalers will be given a similar map that shows the correct route. **Using only the signaling materials provided, the Signalers must communicate the desired route to the Markers, who must fill out the correct route on the map. The Markers may not see the solution map, and the Signalers may not see the blank map.** You may not talk to each other during part 2.

You will be scored as follows:
Every correctly drawn segment of the route will receive 5 points.
Every segment drawn on a spot that should be empty will receive minus 7 points.
The creativity of your solution will receive 1-15 points.
How well your team works together will receive 1-20 points.

Repeat items in bold. Begin by saying 'I repeat:' When you are finished, continue:
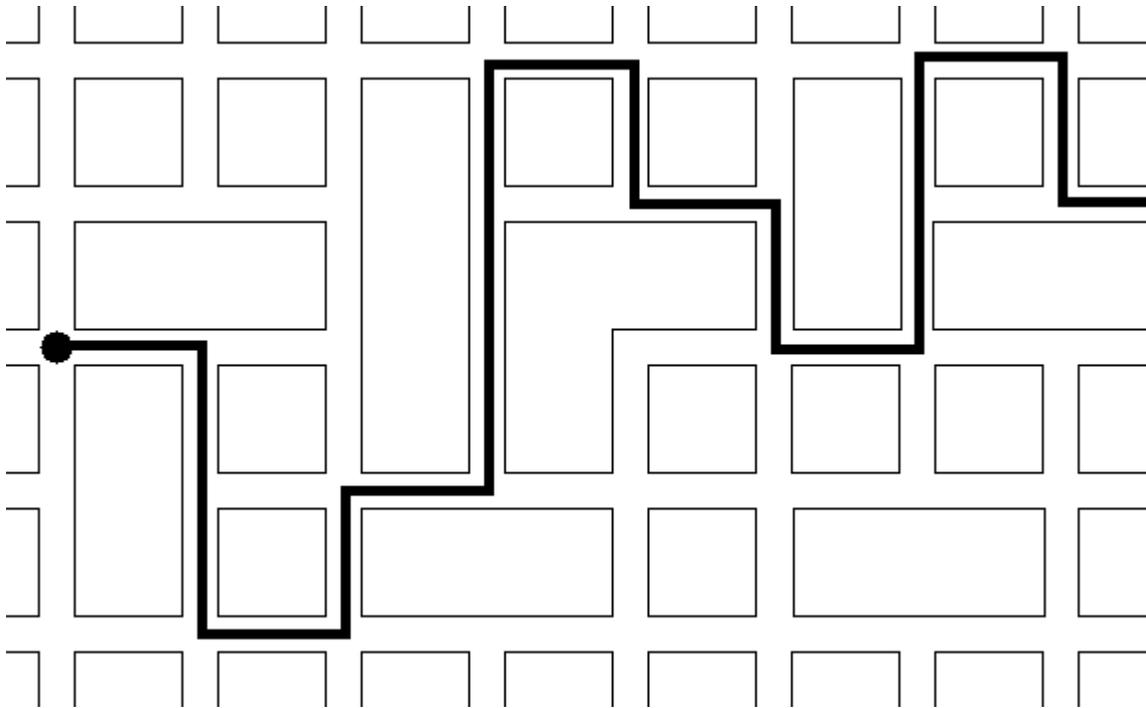
You have 5 minutes for part 1, starting now.

Part 1: 5 minutes
Part 2: 2 minutes

FOR JUDGES ONLY:

You should prepare two tables, facing each other, about 10 feet apart. Set up a small 8" cardboard wall on the front of each table, and place each map on a table behind a wall. This will stop each team from seeing the other map.

When scoring the map, a "segment" is defined as one grid unit in between intersections. The solution map contains 21 segments, for a total possible score of 105.

Practice Set

Official Set