Name _____

MAP PLANNING TEST — SS-3

This is a test of your ability to find the shortest route between two places as quickly as possible. The drawing below is a map of a city. The dark lines are streets. The circles are road-blocks, and you cannot pass at the places where there are circles. The numbered squares are buildings. You are to find the shortest route between two lettered points. The number on the building passed is your answer.

Rules:
1. The shortest route will always pass along the side of <u>one and only one</u> of the numbered buildings.

2. A building is not considered as having been passed if a route passes only a corner and not a side.

3. The same numbered building may be used on more than one route.

Look at the sample map below. Practice by finding the shortest route between the various points listed at the right of the map. The first problem has been marked correctly.

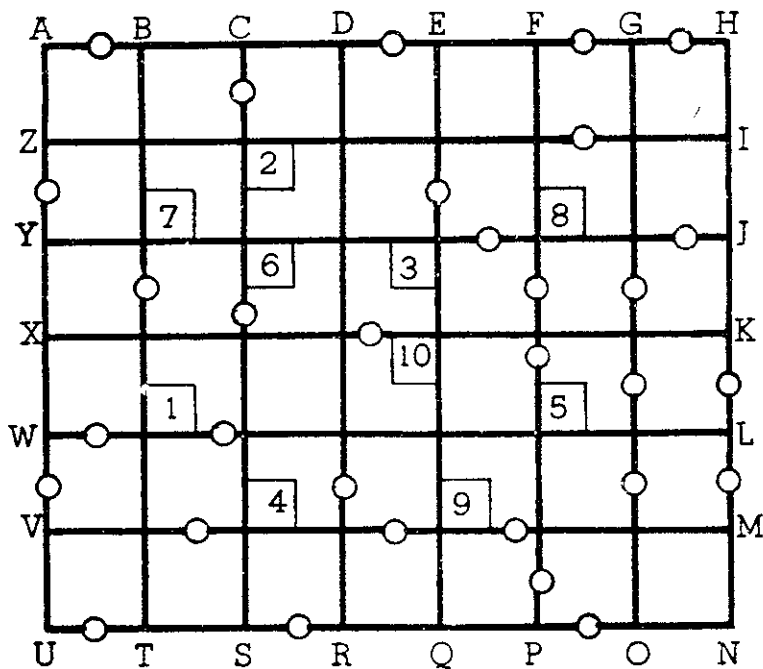| The shortest route from:	Passes building:
1. A to Z	1
2. E to S	_____
3. P to J	_____
4. V to K	_____
5. O to F	_____
6. G to M	_____
7. D to Q	_____
8. F to T	_____

The answers to the other practice problems are as follows: 2 passes 5; 3 passes 3; 4 passes 2; 5 passes 4; 6 passes 4; 7 passes 6; 8 passes 5.

Your score on this test will be the number of right answers. It will <u>not</u> be to your advantage to guess unless you have some idea which route is correct. Work as rapidly as you can without sacrificing accuracy.
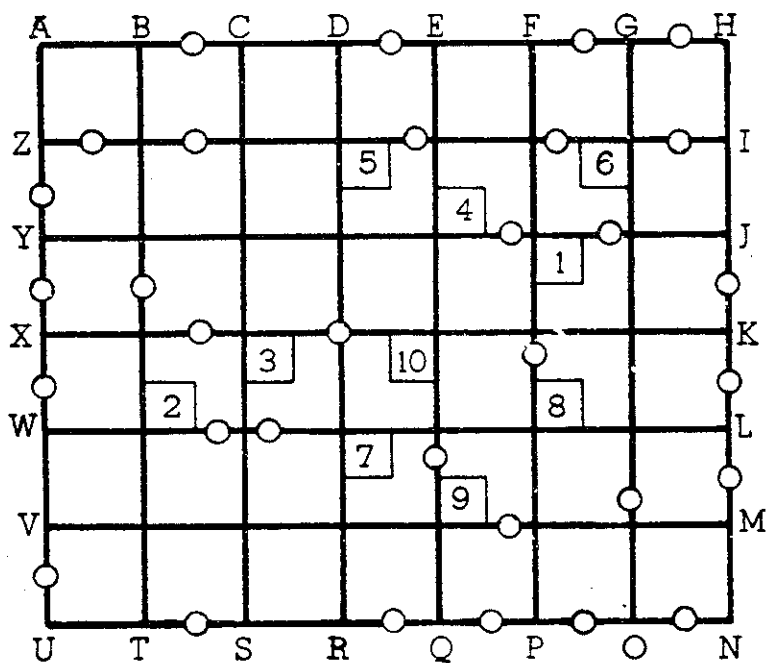
You will have <u>3 minutes</u> for each of the two parts of this test. Each part has one page. When you have finished Part 1, STOP. Please do not go on to Part 2 until you are asked to do so.

DO NOT TURN THIS PAGE UNTIL ASKED TO DO SO.

Part 1 (3 minutes)

	The shortest route from:	Passes building:
1.	F to I	———
2.	U to D	———
3.	B to W	———
4.	Z to E	———
5.	C to K	———
6.	X to L	———
7.	Y to R	———
8.	M to J	———
9.	P to M	———
10.	N to T	———

	The shortest route from:	Passes building:
11.	U to B	———
12.	N to Q	———
13.	S to X	———
14.	Y to P	———
15.	Y to G	———
16.	F to L	———
17.	A to E	———
18.	K to D	———
19.	Q to C	———
20.	N to H	———

DO NOT GO ON TO THE NEXT PAGE UNTIL ASKED TO DO SO.

STOP.

Part 2 (3 minutes)

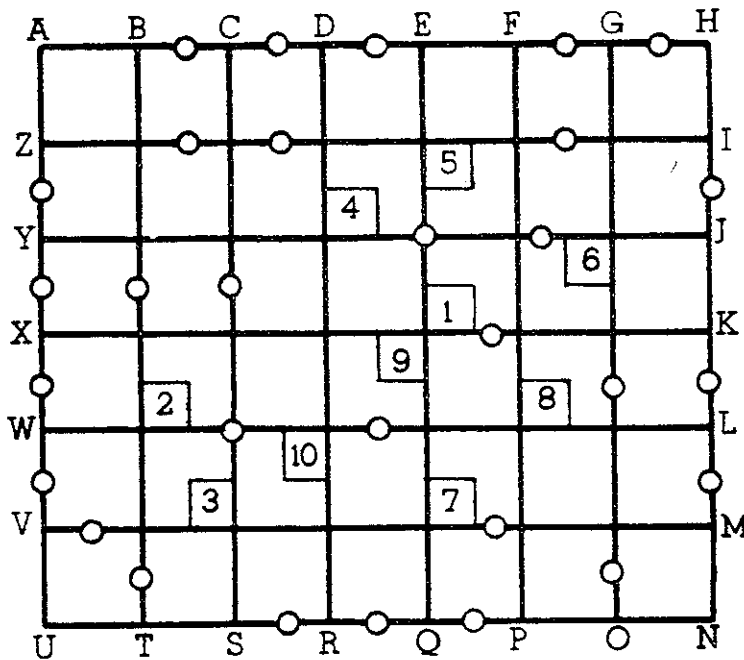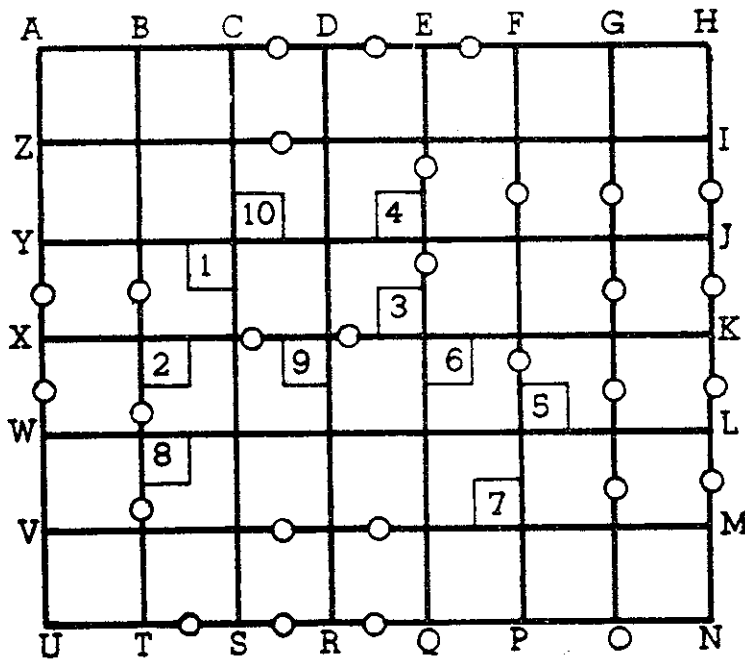| The shortest route from:	Passes building:
21. Y to R	_____
22. E to X	_____
23. L to F	_____
24. D to K	_____
25. W to Q	_____
26. C to W	_____
27. T to B	_____
28. V to P	_____
29. H to F	_____
30. O to Z	_____

The shortest route from:	Passes building:
31. S to Y	_____
32. X to R	_____
33. L to T	_____
34. I to R	_____
35. V to O	_____
36. J to E	_____
37. K to Q	_____
38. F to C	_____
39. Q to W	_____
40. D to K	_____

DO NOT GO BACK TO PART 1 AND

AND DO NOT GO ON TO ANY OTHER TEST UNTIL ASKED TO DO SO.

STOP.