

## Attendance Quiz for Lecture 8

**NAME:** (print!) \_\_\_\_\_

**E-MAIL ADDRESS:** (print!) \_\_\_\_\_

1. There is a network of 4 cities 1, 2, 3, 4 with the following distances

- distance between 1 and 2 is 5 miles
- distance between 1 and 3 is 4 miles
- distance between 1 and 4 is 2 miles
- distance between 2 and 3 is 7 miles
- distance between 2 and 4 is 6 miles
- distance between 3 and 4 is 1 miles

Solve the travelling salesman problem for this network.