Name:_

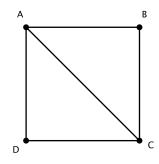
MA111 - Quiz #2

Friday, September 18

1. For the distance table shown below, find a tour using the Nearest-Neighbor Algorithm, starting with A, and give its total cost.

	A	B	C	D
A	_		28	
B		_	32	20
C	28		—	18
D	22	20	18	_

2. Consider the following graph:



(a) List all of the Hamilton paths.

(b) Using A as a reference point, list all of the Hamilton circuits.