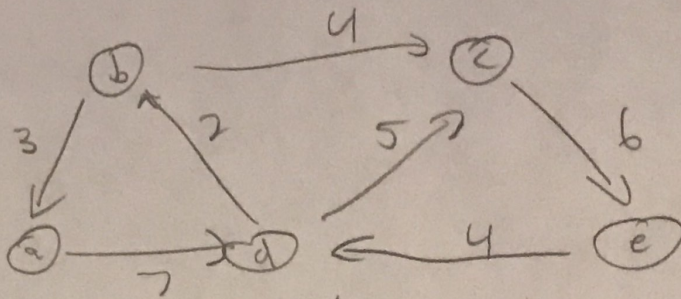


Homework 7

Daren Liu

2) a)



Shortest paths

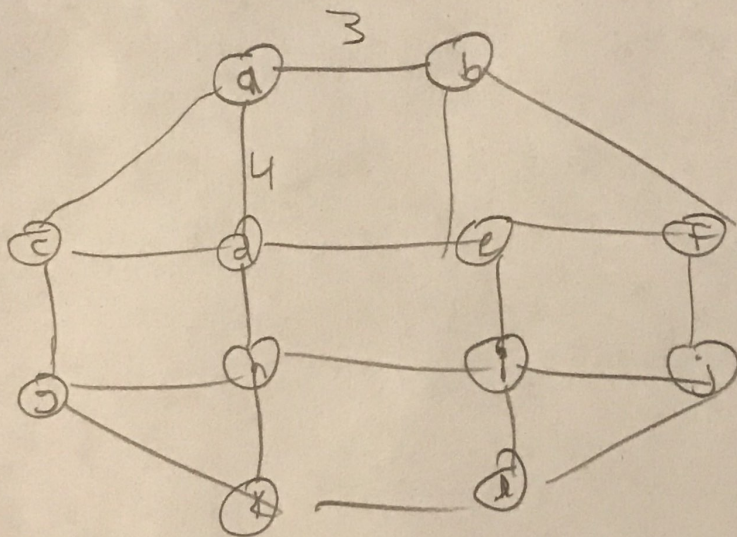
a-d, length 7

a-b-d, length 9

a-d-c, length 12

a-d-b-c-e, length 18

b)



Shortest paths

a-b, length 3

a-d, length 4

a-c, length 5

a-d-e, length 5

a-d-e-f, length 7

a-d-h, length 9

a-c-g, length 9

a-d-e-i, length 9

a-d-e-f-j, length 12

a-d-e-i-l, length 14

a-c-g-k, length 15