**Optimization**

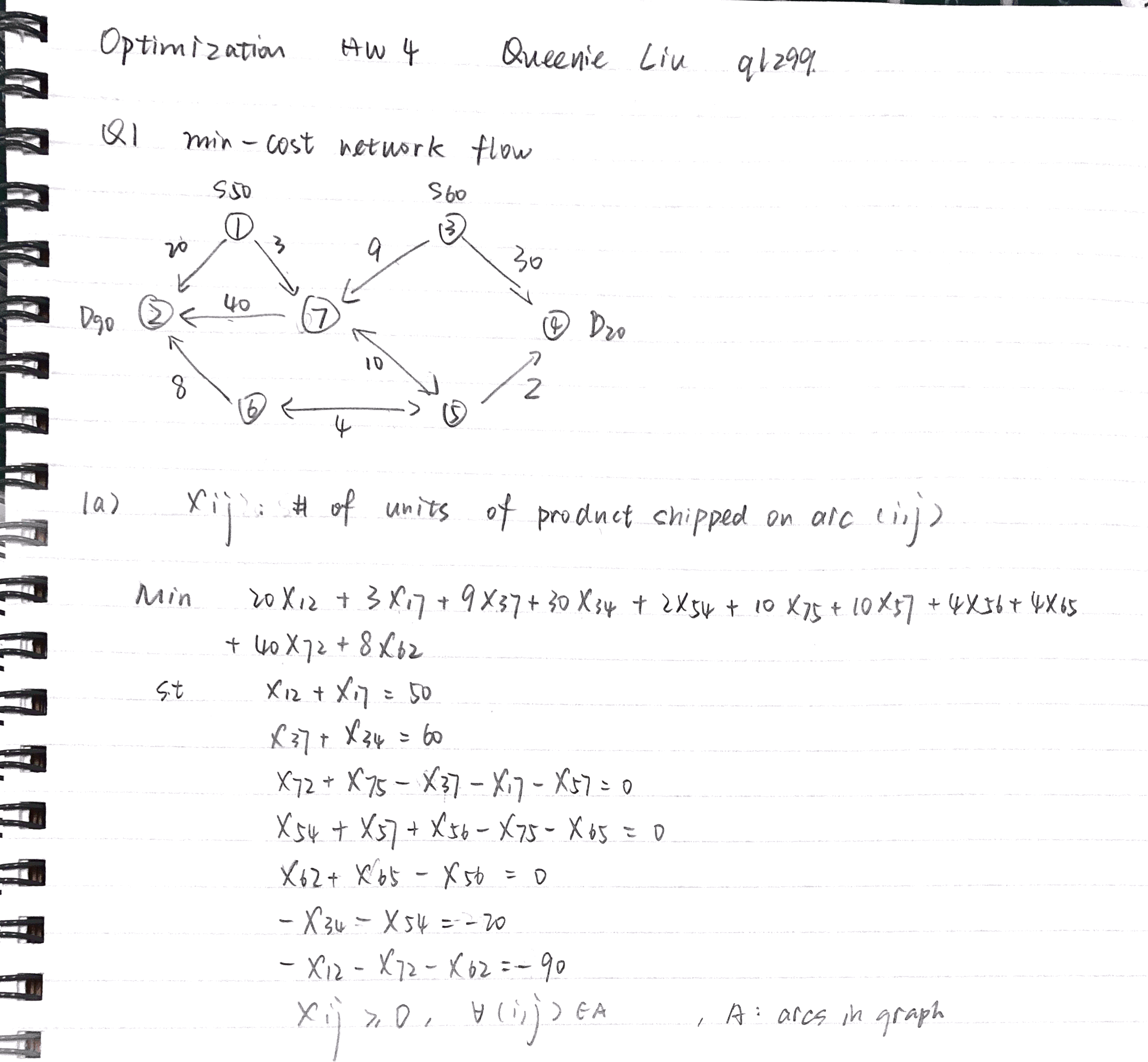
**Assignment 4**

**Queenie Liu**

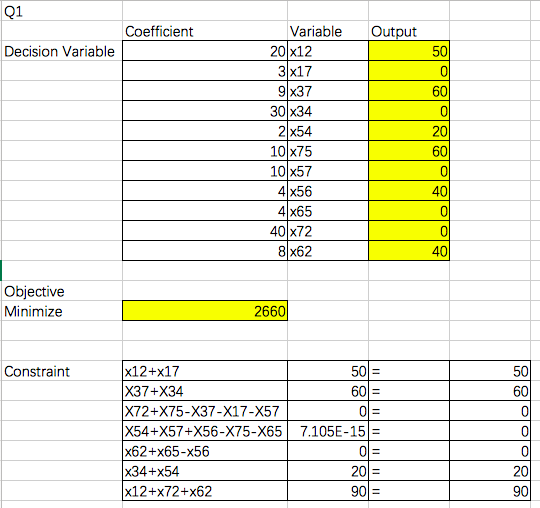
**ql299**

**Q1**

(a)

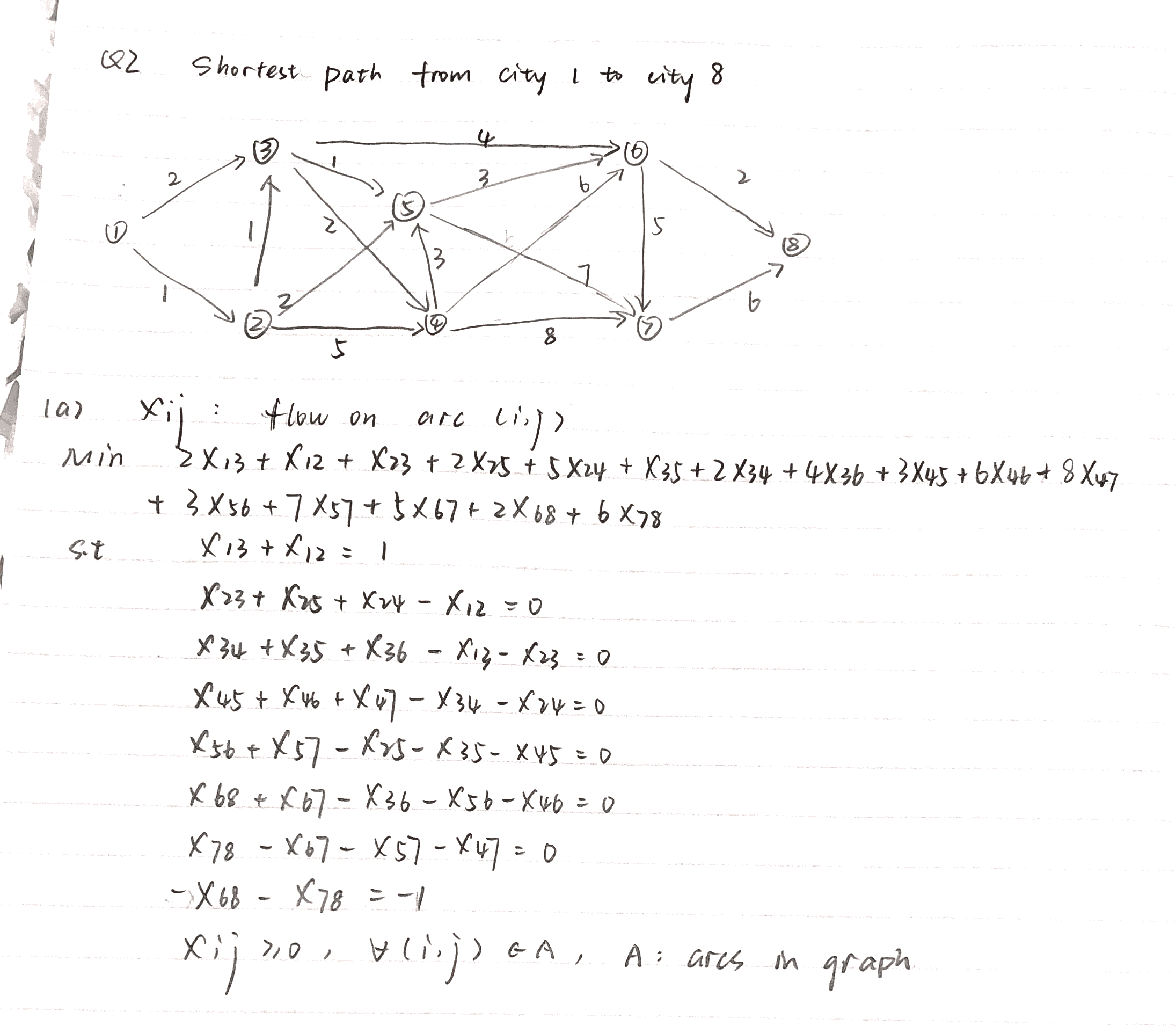


(b)



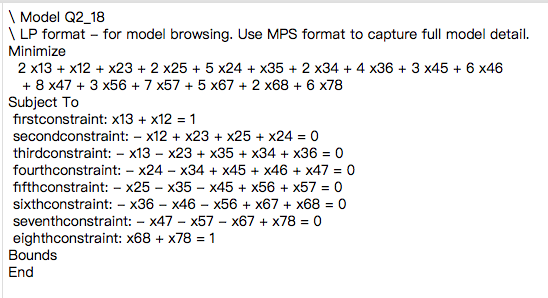
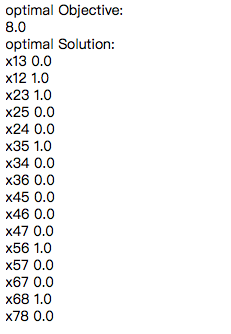
**Q2**

(a)

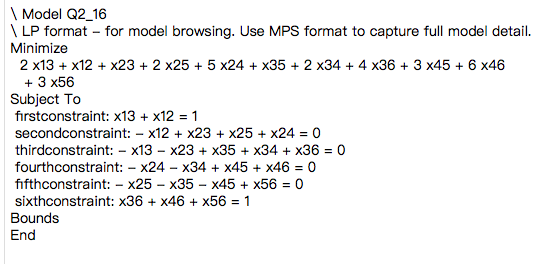
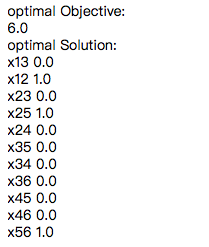


(b)

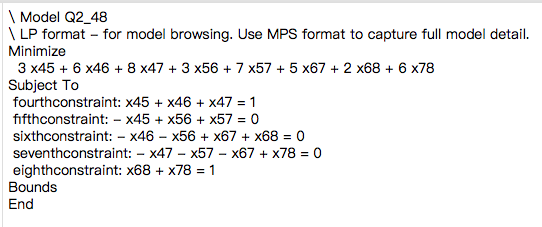
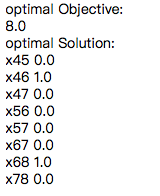
1-8



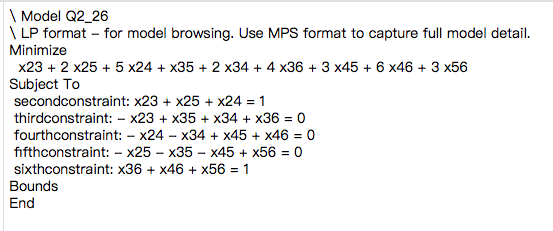
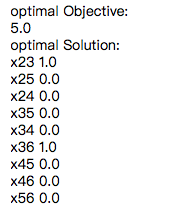
1-6



4-8

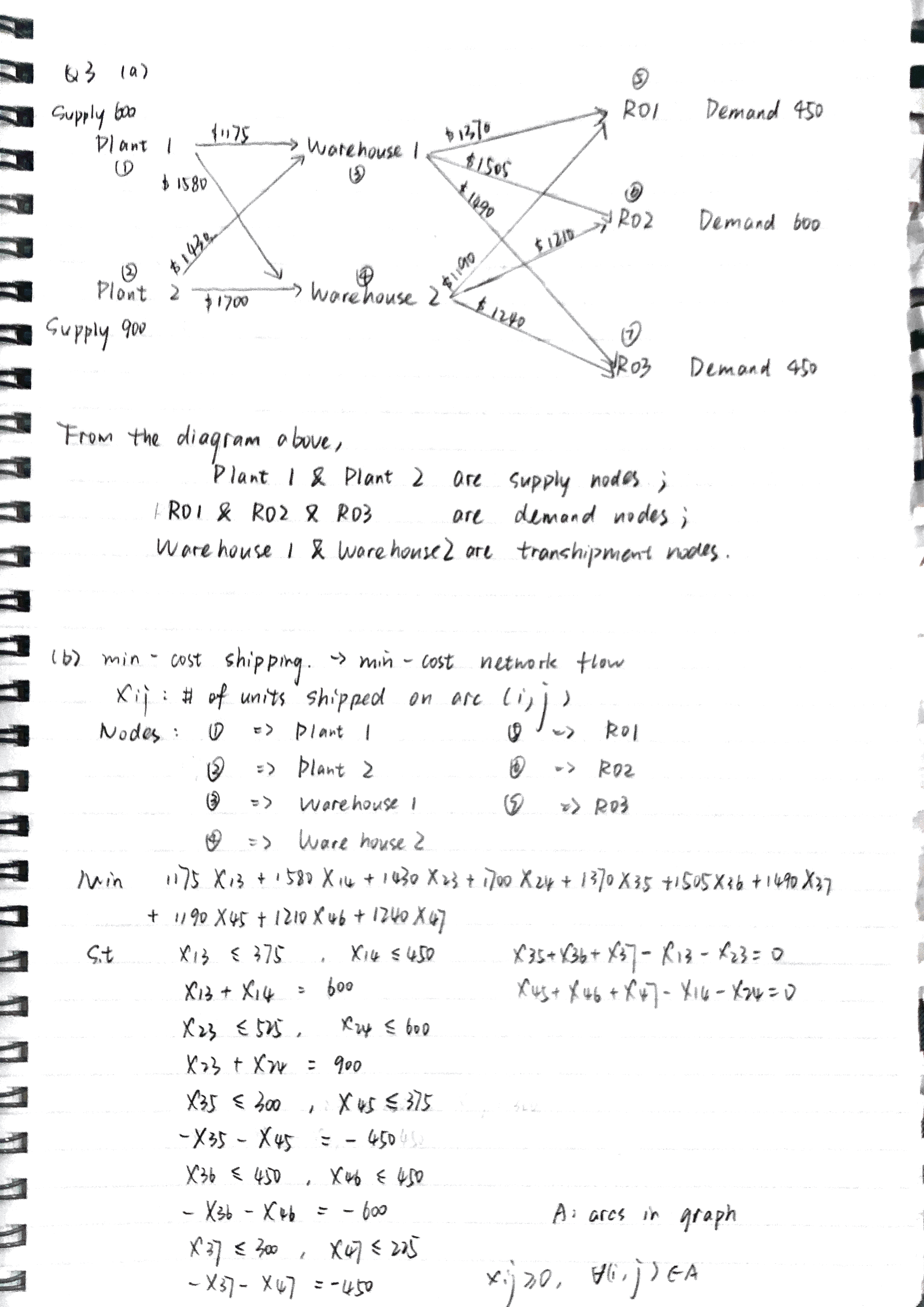


2-6



**Q3**

(a)



(b)

