

p. 59 # 13

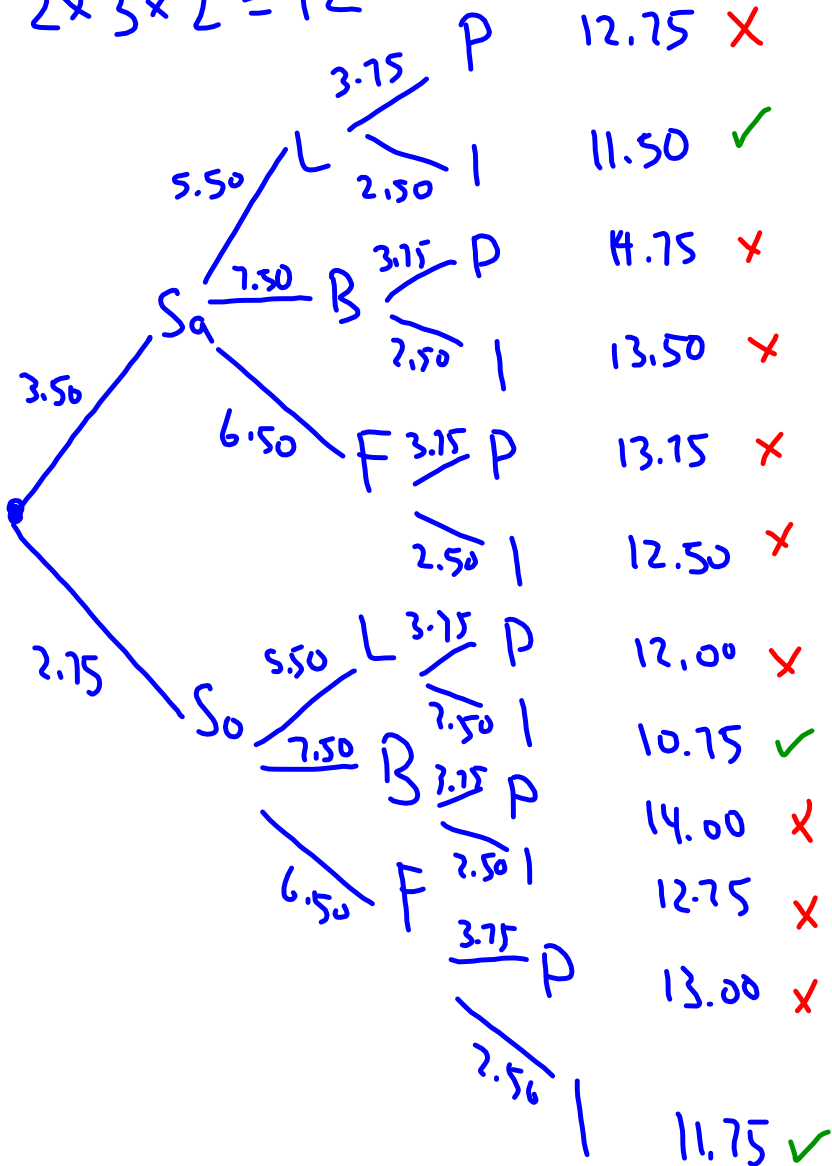
p. 61 # 2, 5

p. 63 # 6-8

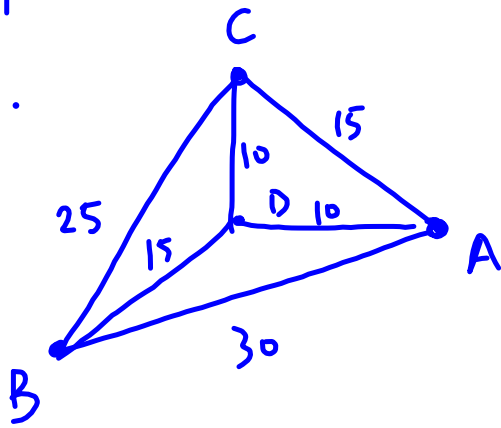
p. 59

#13. a) $2 \times 3 \times 2 = 12$

b)



p. 61
#2.



$$ACBDA = 65$$

$$ADBDCA = 65$$

~~$$ADCBA = 75$$~~

~~$$ADCDBDA = 70$$~~

$$ADBCA = 65$$

Hamiltonian circuit
(optimal path)

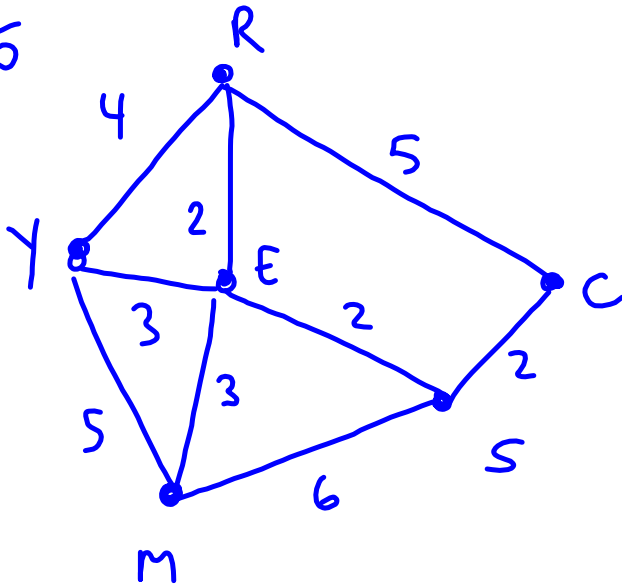
$$\text{Total time} = 65 \text{ min travel} + 3 \text{ h visits}$$

$$= 1 \text{ h } 5 \text{ min} + 3 \text{ h}$$

$$= 4 \text{ h } 5 \text{ min}$$

$$9:00 \text{ am} + 4 \text{ h } 5 \text{ min} = 1:05 \text{ pm}$$

P.61
#5



ERYMESC
= 18 min