

Week 13 A10826019 廖思勤

4.

a. $800 \text{ Hotel} \geq 500$

$500 \text{ Airfare} + 500 \text{ Hotel} \geq 200 + 200$

$800 \text{ Airfare} \geq 500$

b. $900 - 600 = 300 \times 3 = 900$

$300 \times 2 + 400 = 1000$

c. $800 - 300 = 500 \times 2 = 1000$

$1000 - 600 = 400 \times 2 = 800$