~~Approach binary:~~

~~For every x~~

~~If x~~~~1~~ ~~= 0, no flights  
If x~~~~1~~ ~~= 1, profit = {y~~~~1~~ ~~= 1, -4.5 + NPassengers \* distance)  
 y~~~~2~~ ~~= 1, -8 + 0.1 \* NPassengers)  
 y~~~~3~~ ~~= 1, -20 + 0.1 \* NPassengers)~~

~~Approach numeric:~~

~~If x~~~~1~~ ~~= 0, no flights  
If x~~~~1~~ ~~= 1, profit = {-4.5 + NPassengers)  
If x~~~~1~~ ~~= 2, profit = {-8 + 0.1 \* NPassengers)  
If x~~~~1~~ ~~= 3, profit = {-20 + 0.1 \* NPassengers)~~