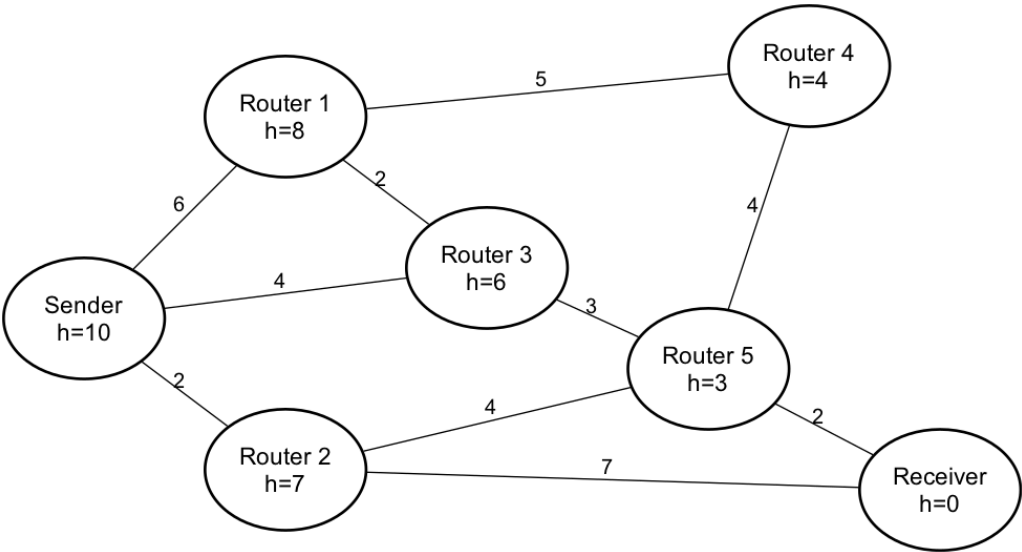


(b) Now, calculate the shortest distance between the sender and the receiver in the diagram using A* algorithm.

Show your working **and** write your answers in the table provided.



Working

Node	Cost from Home Node (g)	Heuristic (h)	Total (f = g + h)

[5]

[Total: 10]