



 $A \rightarrow C = min$ $A \rightarrow C^{(2)} + C$ $M \rightarrow C^{(0)} = 2 + 0 = 2$ $A \rightarrow B^{(5)} + B M \rightarrow C^{(4)} = 5 + 4 = 9$ $A \rightarrow D^{(3)} + D M \rightarrow C^{\infty} = 3 + \infty = \infty$ $A \rightarrow D = min$ $\begin{cases} A \rightarrow B + B mad = 5 + \omega = \infty \\ A \rightarrow C^{(2)} + C mad = 2 + \omega = \omega \\ A \rightarrow D + D mid = 3 + 0 = 3 \end{cases}$ $A \rightarrow E = mi$ $\begin{cases} A \rightarrow B(5) + B(3) \\ A \rightarrow C(2) + C(1) + E = 2 + 4 = 6 \end{cases}$ $A \rightarrow D + D \rightarrow E = 3 + 0 = 0$ Note: you need to do mest steps for every node router in n/w: Exercise: do it for B, C, D, E f create corresponding new routing 7 chte entries for more.