

$$\begin{aligned} \text{cost}(2, 4) &= \min \{ c(4, 8) + \text{cost}(3, 8) \} \\ &= \min(11 + 7) \\ &= 18 \rightarrow 8 \end{aligned}$$

$$\begin{aligned} \text{cost}(2, 5) &= \min \{ c(5, 7) + \text{cost}(3, 7), \\ &\quad c(5, 8) + \text{cost}(3, 8) \} \\ &= \min \left\{ \frac{11+5}{16}, \frac{8+7}{15} \right\} \end{aligned}$$

$$\begin{aligned} \rightarrow \text{cost}(1, 1) &= \min \{ c(1, 2) + \\ &\quad \text{cost}(2, 2), c(1, 3) + \text{cost}(2, 3) \\ &= c(1, 4) + \text{cost}(2, 4), c(1, 5) \\ &\quad + \text{cost}(2, 5) \} \end{aligned}$$

$$\begin{aligned} &= \min \left(\frac{9+7}{16}, \frac{7+9}{16}, \frac{3+18}{2}, \right. \\ &\quad \left. \frac{2+15}{17} \right) \end{aligned}$$