



Traveling Salespeison Publem
$$g(1, \{2,3,4\}) = \min_{K \in \{2,4\}} \{C_{1K} + g(K, \{2,3,4\} - \{K\})\}$$

$$g(i, S) = \min_{K \in S} \{C_{iK} + g(K, S - \{K\})\}$$

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$$g(1,\{2,3,4\}) = \min \left\{ C_{12} + g(2,53,4\}), C_{13} + g(3,\{2,43\}), C_{14} + g(4,\{2,33\}) \right\} \quad 2 \quad 3 \quad 4$$

$$= 35 \quad 10 + 25 \quad 15 + 25 \quad 20 + 23 \quad 10 \quad 15 \quad 20$$

$$35 \quad c_{11}$$

$$35 \quad g(2,4) = 5 \quad 2 \quad 5 \quad 0 \quad 9 \quad 10$$

$$3+25 \quad 3+15 \quad g(4,4) = 8 \quad 3 \quad 6 \quad 13 \quad 0 \quad 12$$

$$3+15 \quad 3+15 \quad 3+$$