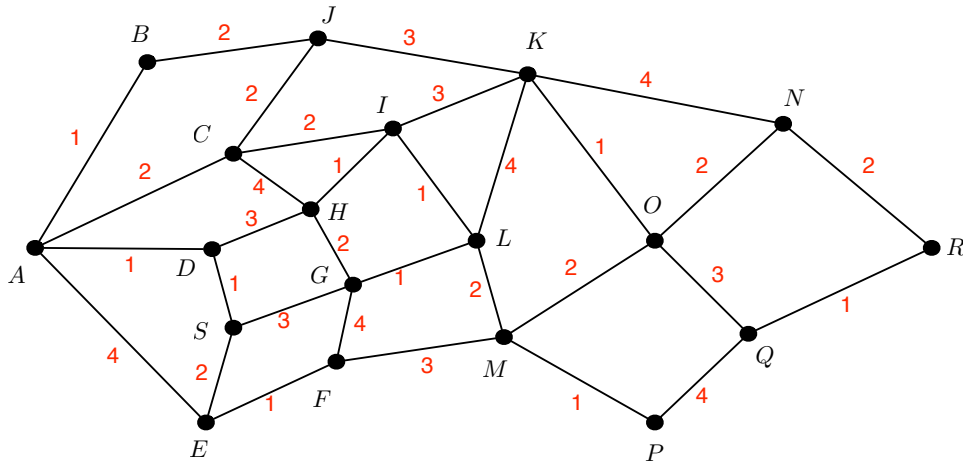
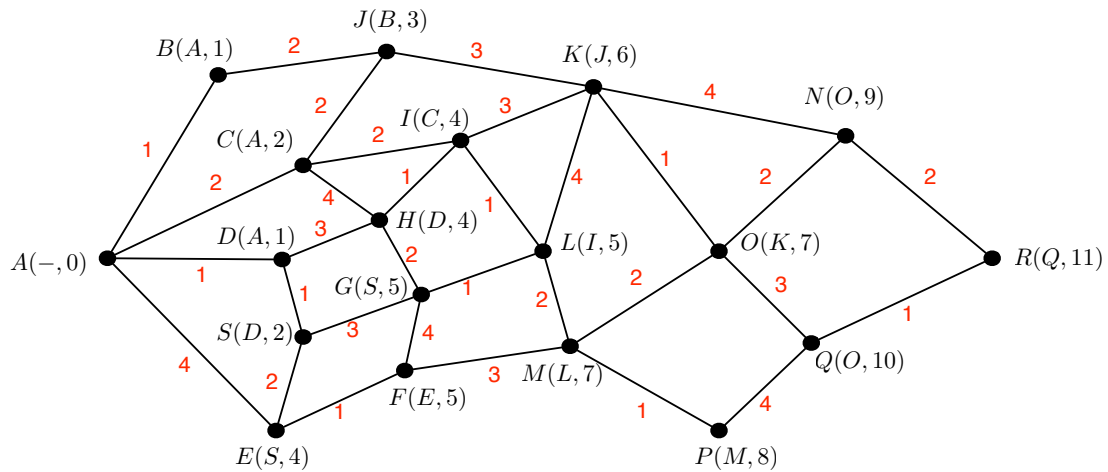


► **Problem 10.4-06**

Use the first form of Dijkstra's algorithm to find the shortest path from A to R (and its length) in the graph shown. Show the final labels on all vertices.



Solution. A shortest path is $ABJKOQR$, of length 11, as shown.



□