1. Depth-first search.

States expanded: S-A-C-D-E-F-G

Path returned: S-A-C-D-E-F-G

1. Breadth-first search.

States expanded: S-A-B-C-F-G

Path returned: S-A-G

1. Uniform cost search

States expanded: S-A-C-B-D-F-G

Path returned: S-A-F-G

1. Greedy search with the heuristic h shown on the graph.

States expanded: S-B-D-E-F-G

Path returned: S-B-D-E-F-G

1. A\* search with the same heuristic.

States expanded: S-A-B-F-G

Path returned: S-A-F-G