CASE 1:

These are the routes possible from the firestation to the streetcorner 6:

[1, 2, 3, 4, 6]

[1, 2, 3, 5, 6]

[1, 2, 3, 4, 6]

[1, 3, 4, 6]

[1, 3, 5, 6]

[1, 3, 4, 6]

CASE 2:

These are the routes possible from the firestation to the streetcorner 4:

[[1, 6, 9], [1, 8, 9]]