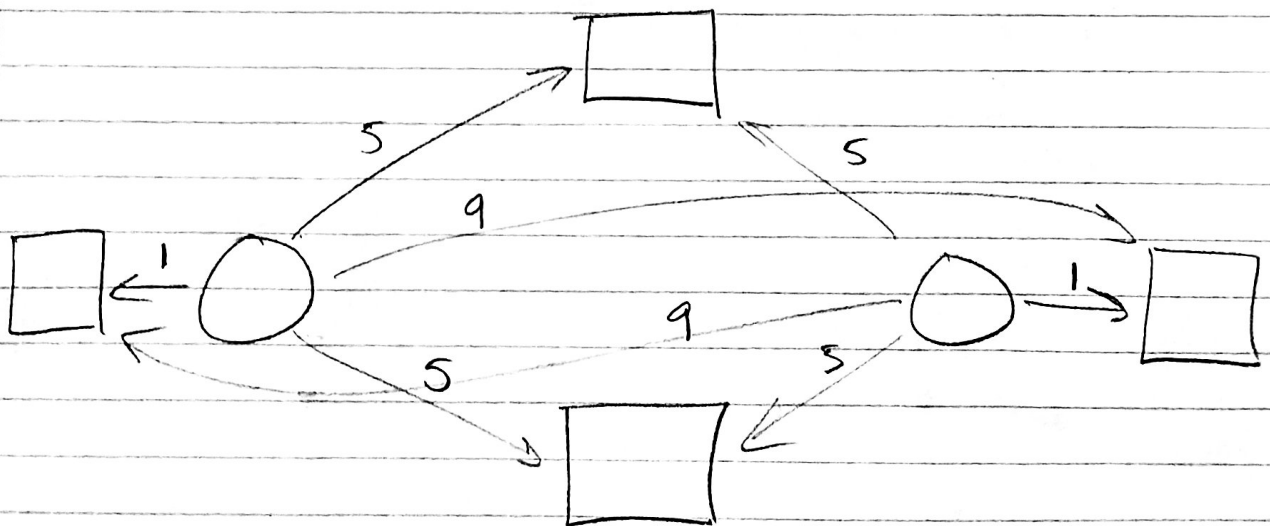


Optimal: Build only Facility 1 (1 building + 52 total distance)
 sub optimal: Build Facility 2 (1 building + 252 total distance)



Optimal: Build exactly one facility, assuming build cost \gg distance cost
 Build two horizontal facilities, assuming distance cost $>$ build cost

Can also test other points on an ellipse for similar cases.