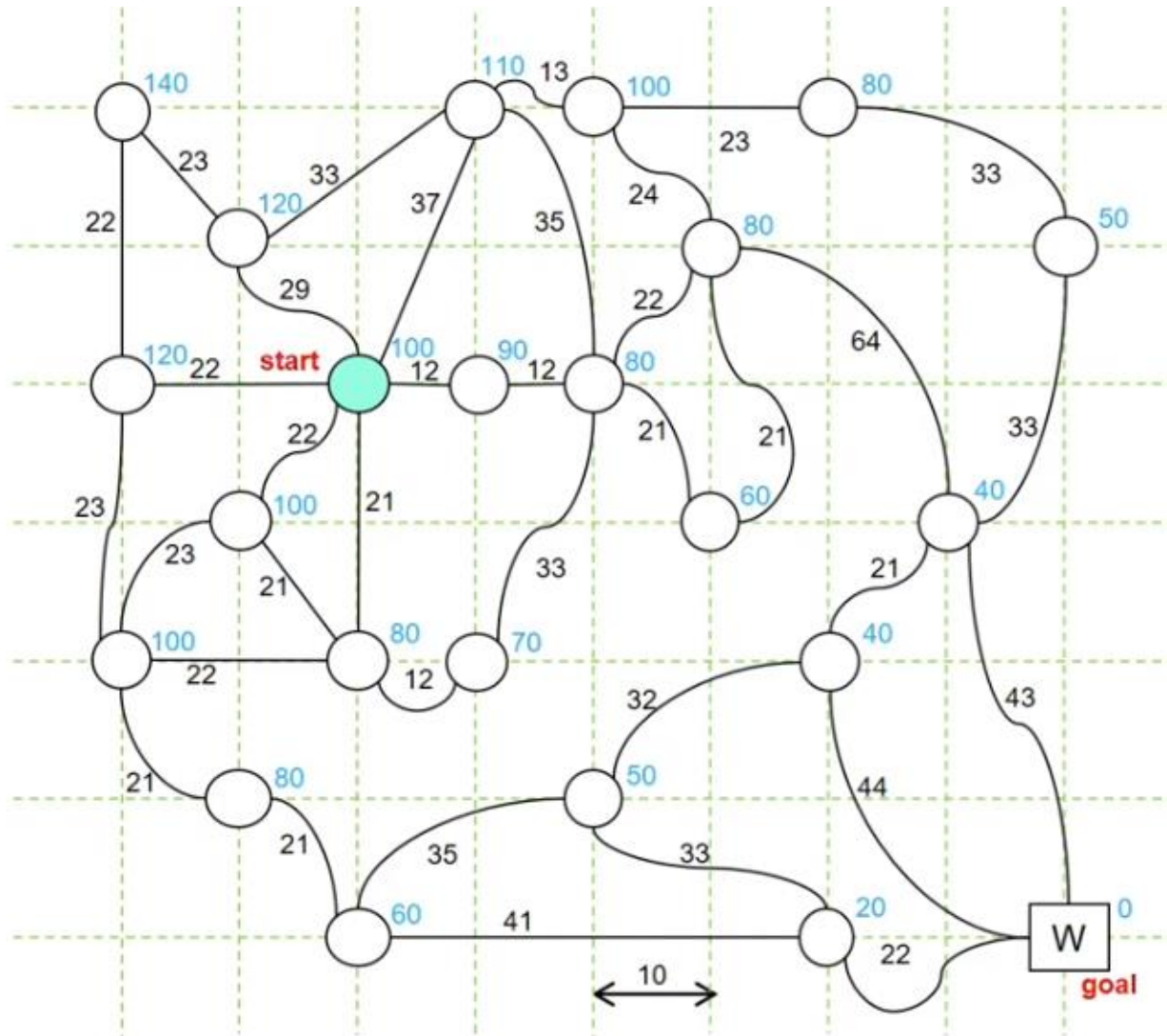
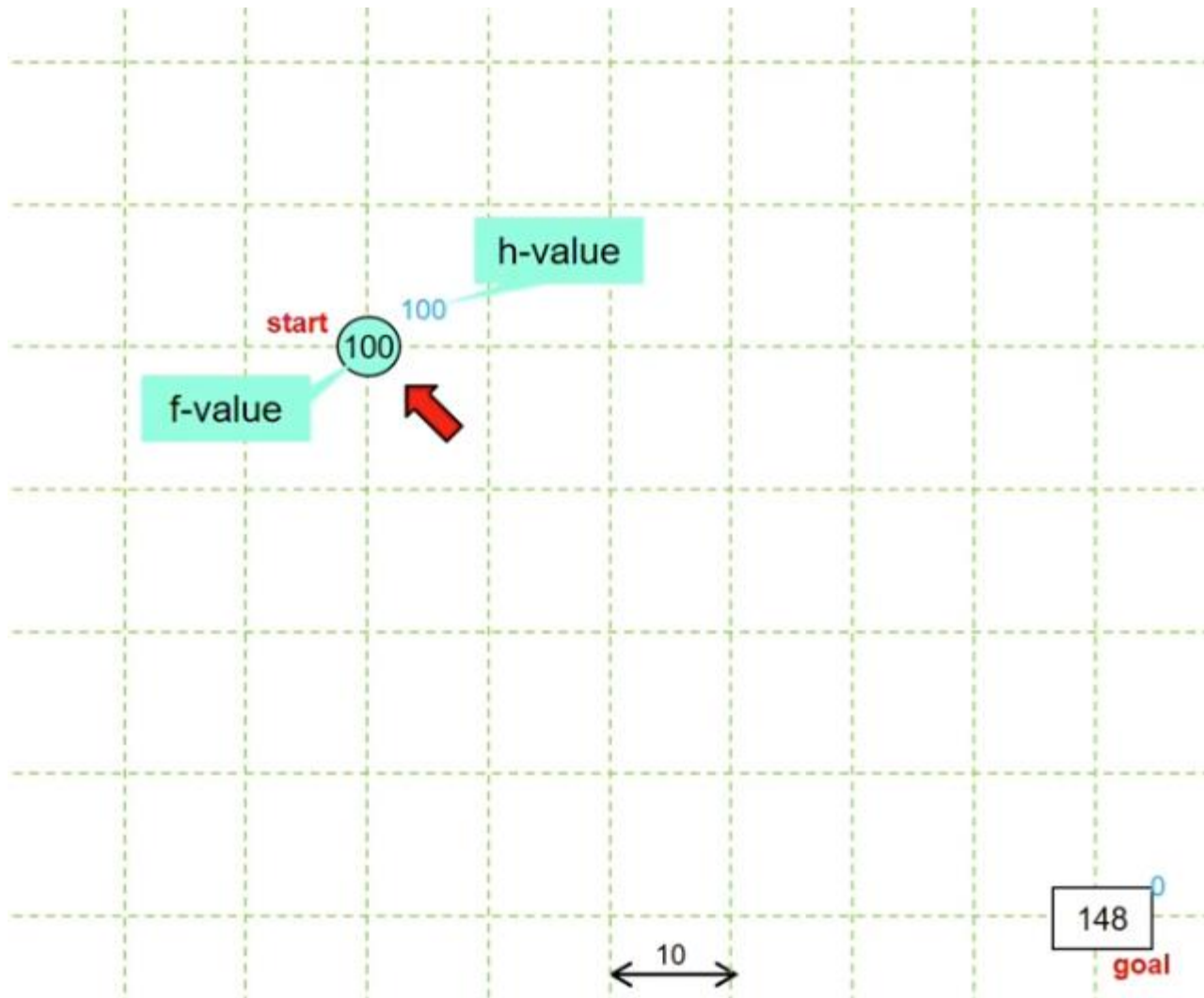


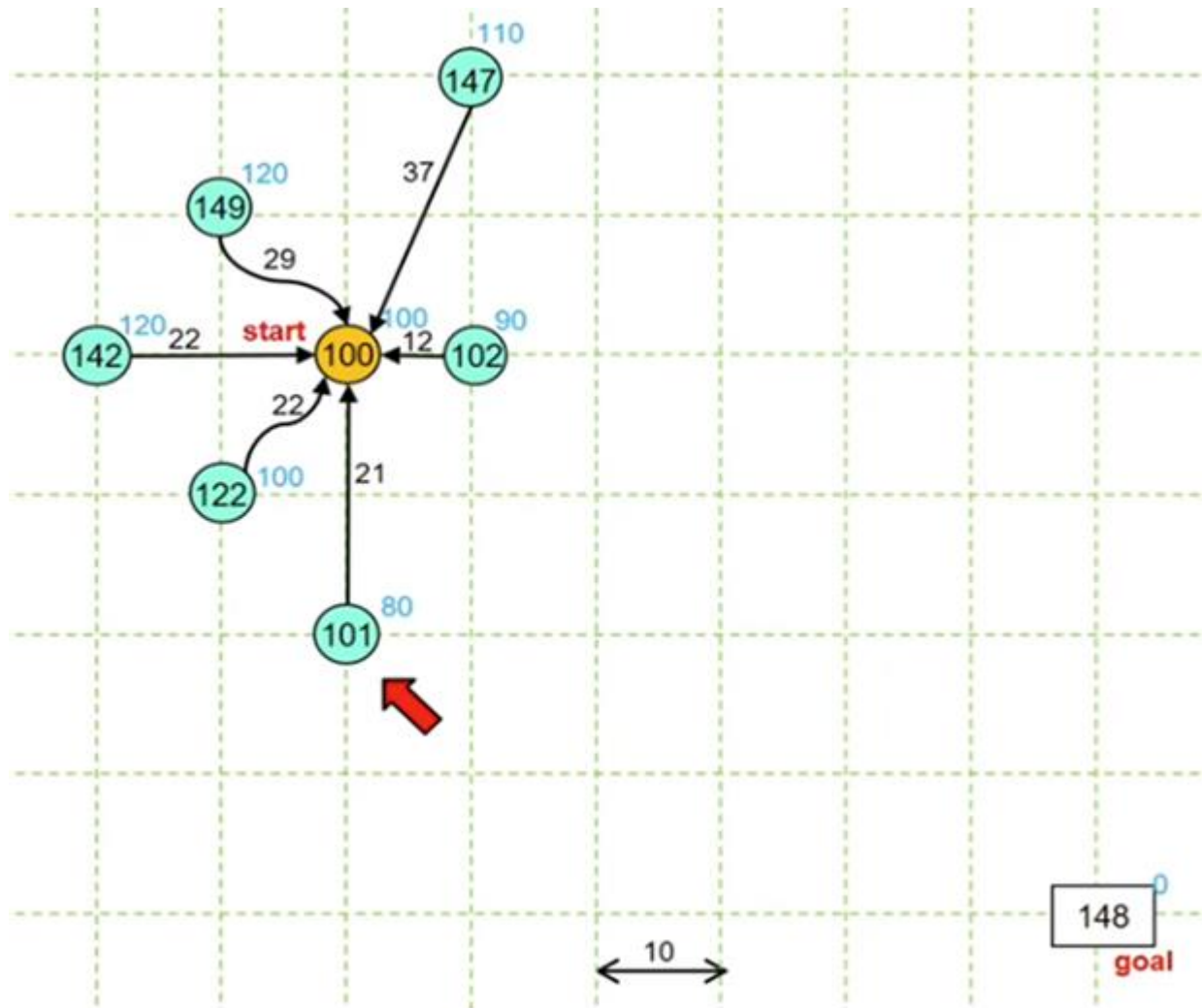
A* example : label nodes with their f-values



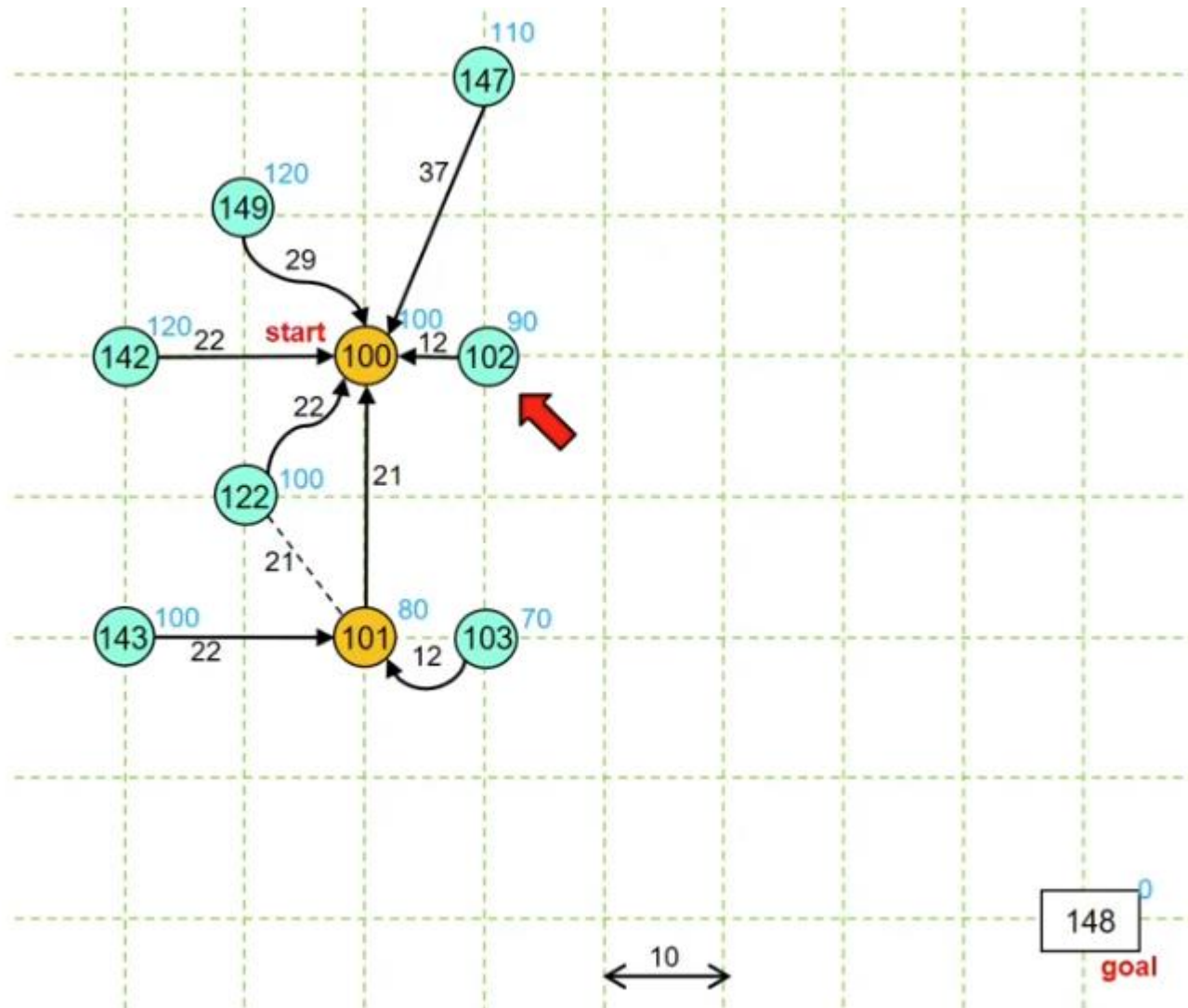
A* starts with the start node in OPEN



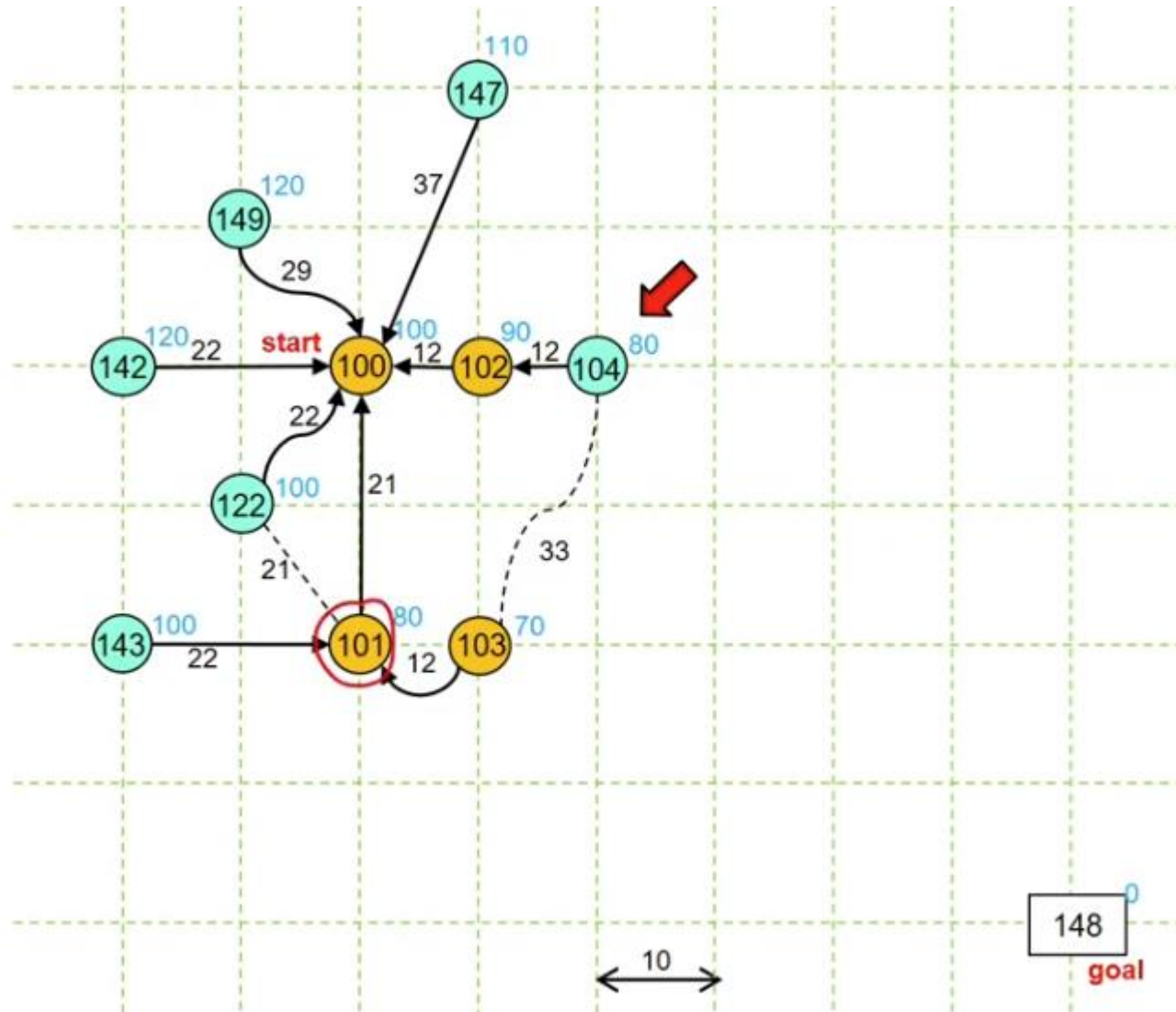
Start node has 6 children



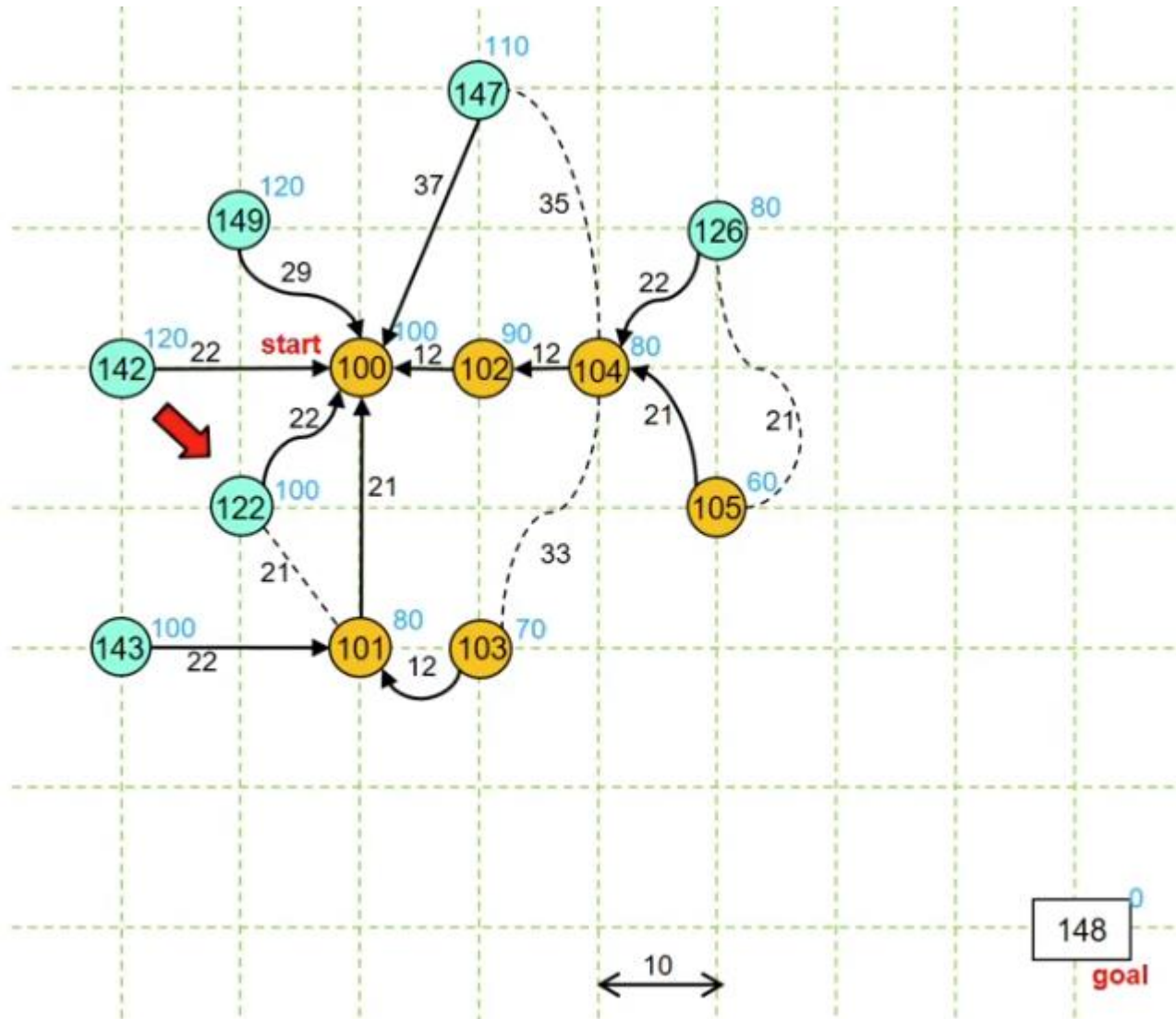
Inspect the best node in OPEN



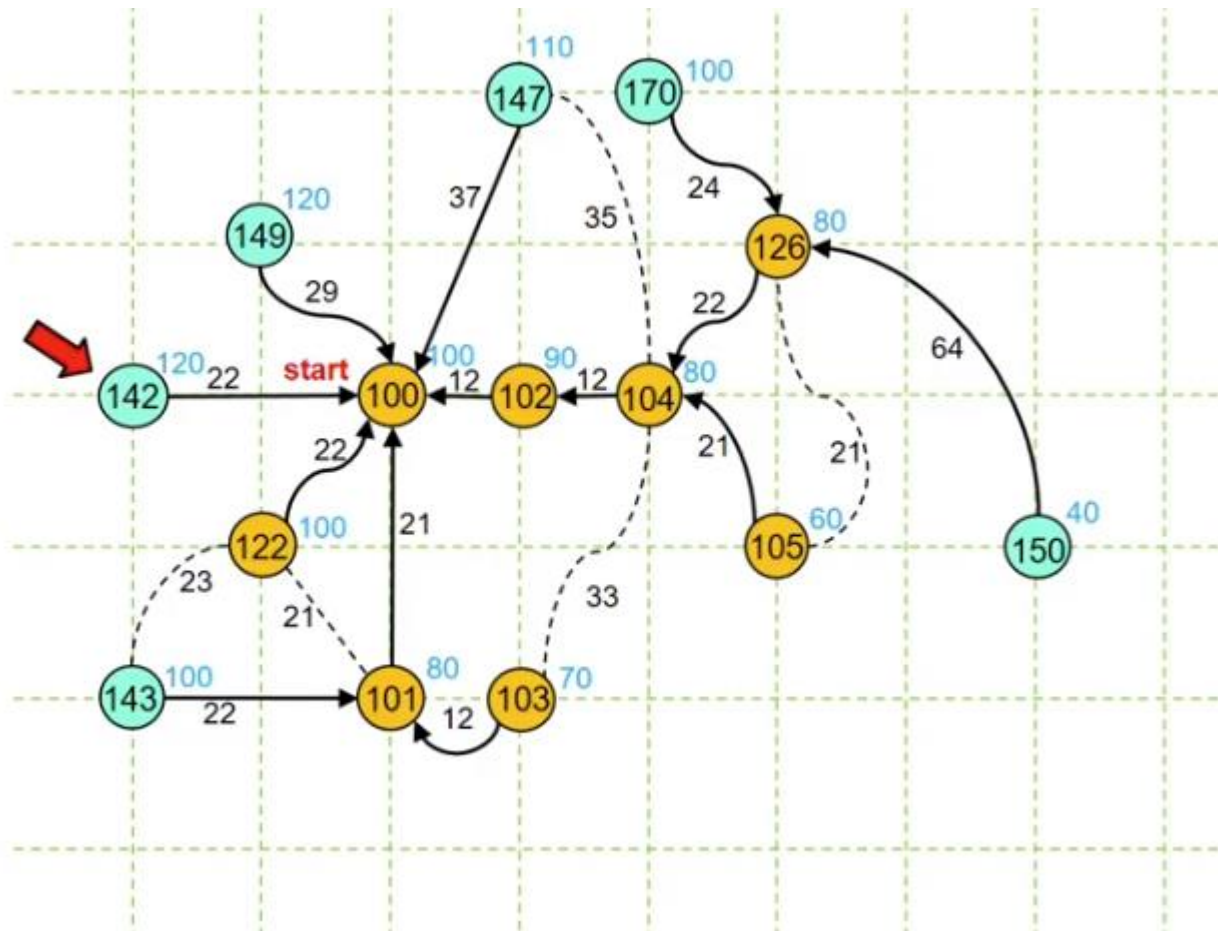
Inspect the best node in OPEN



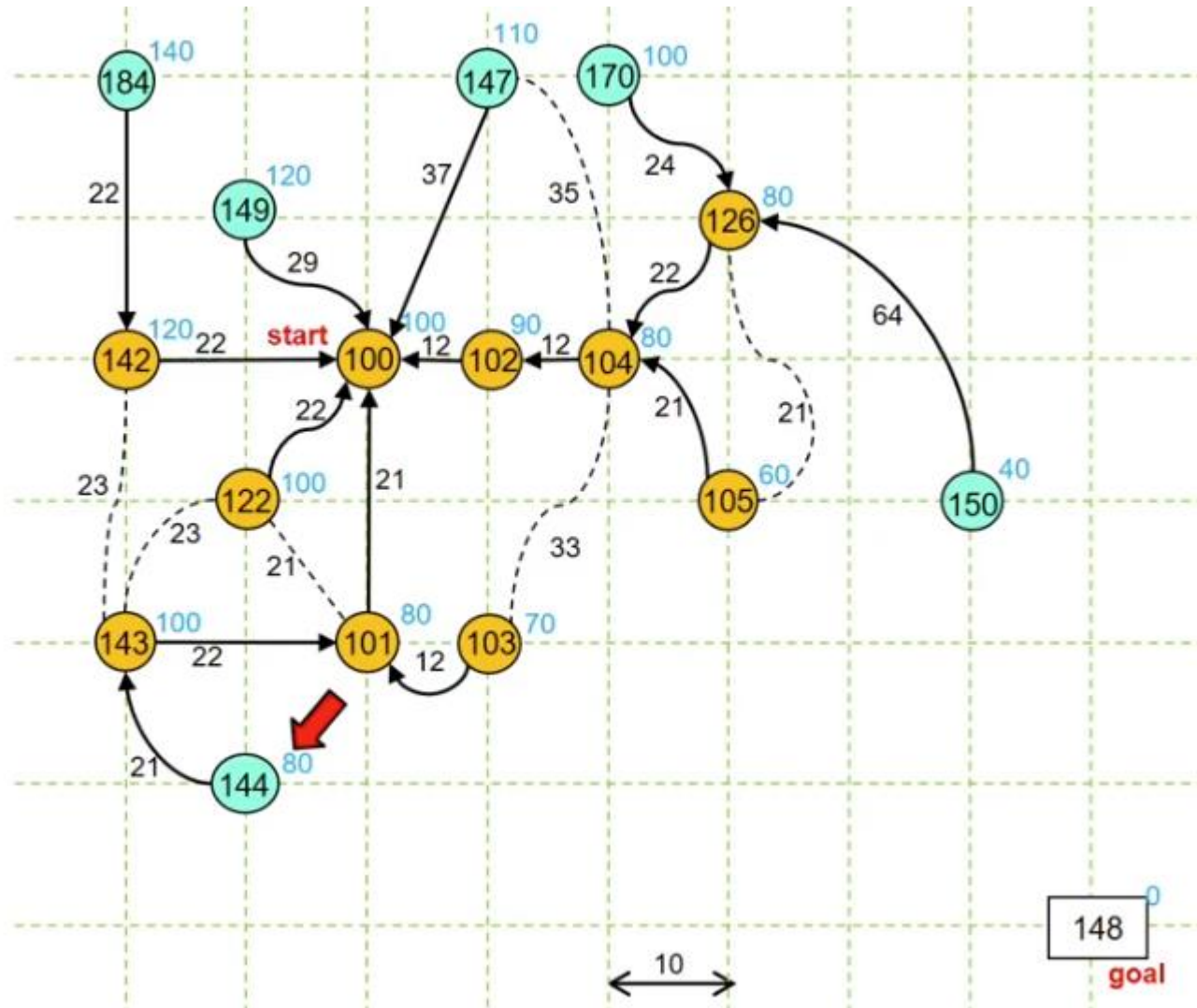
Inspect the best node in OPEN



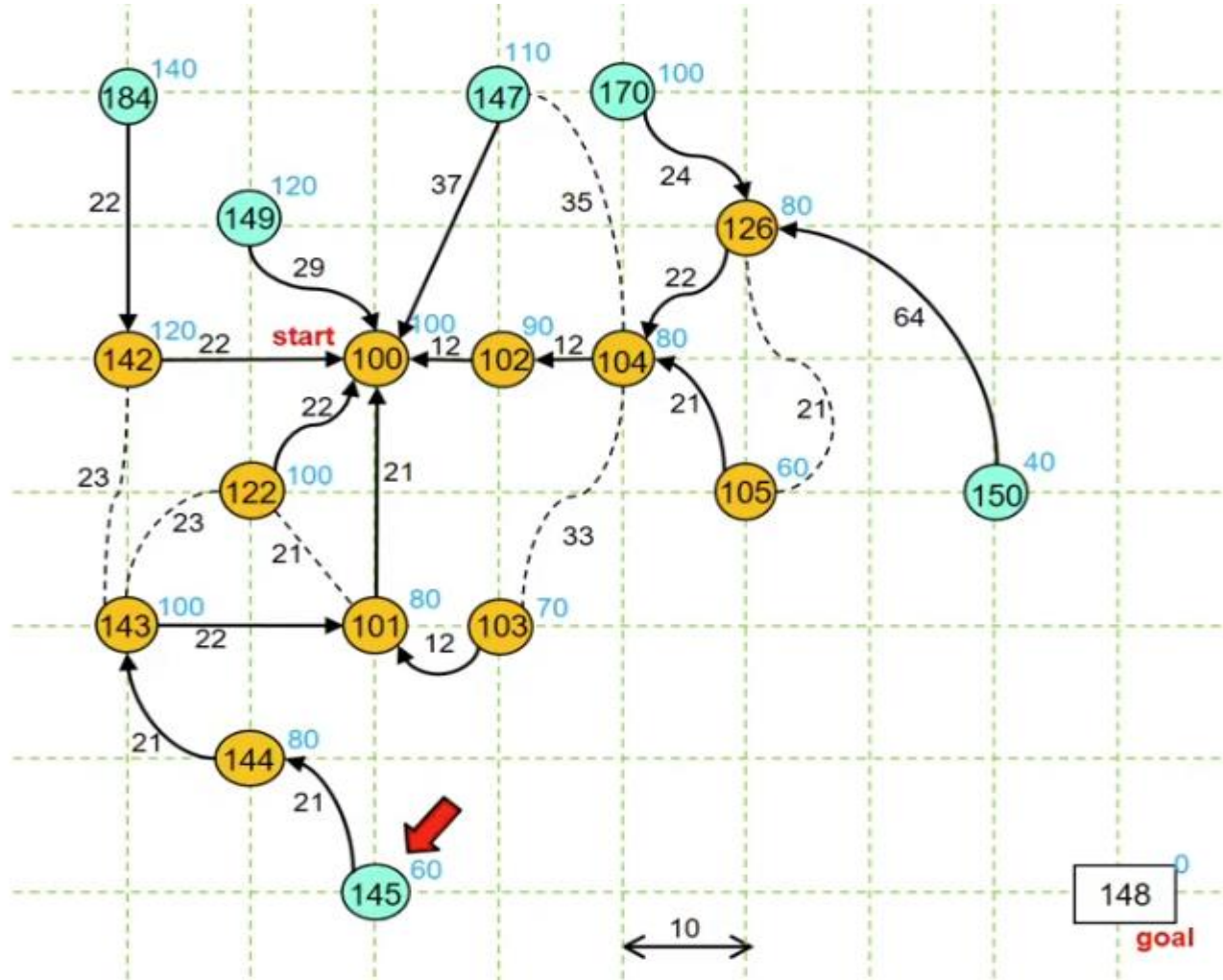
Inspect the best node in OPEN



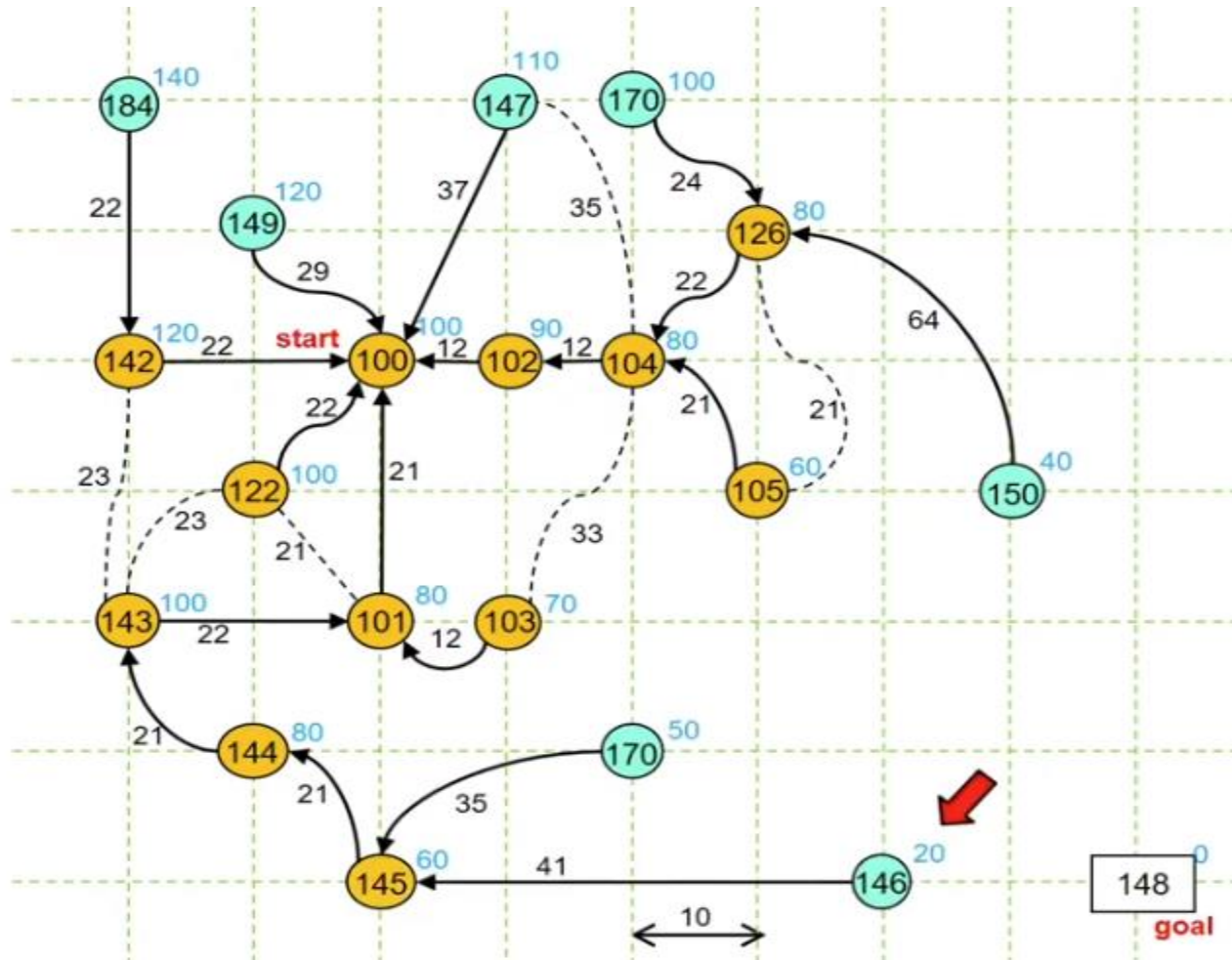
Inspect the best node in OPEN



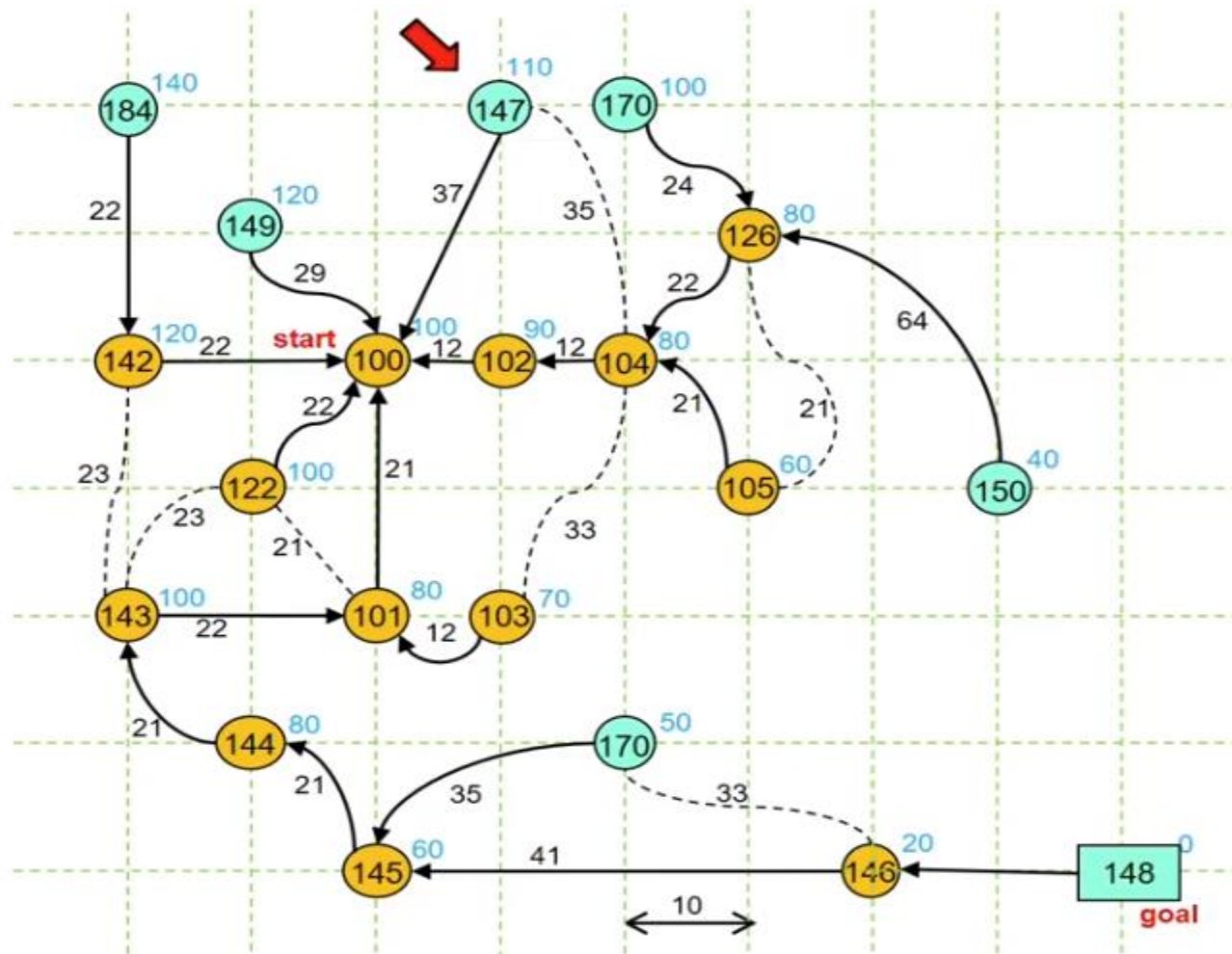
Inspect the best node in OPEN

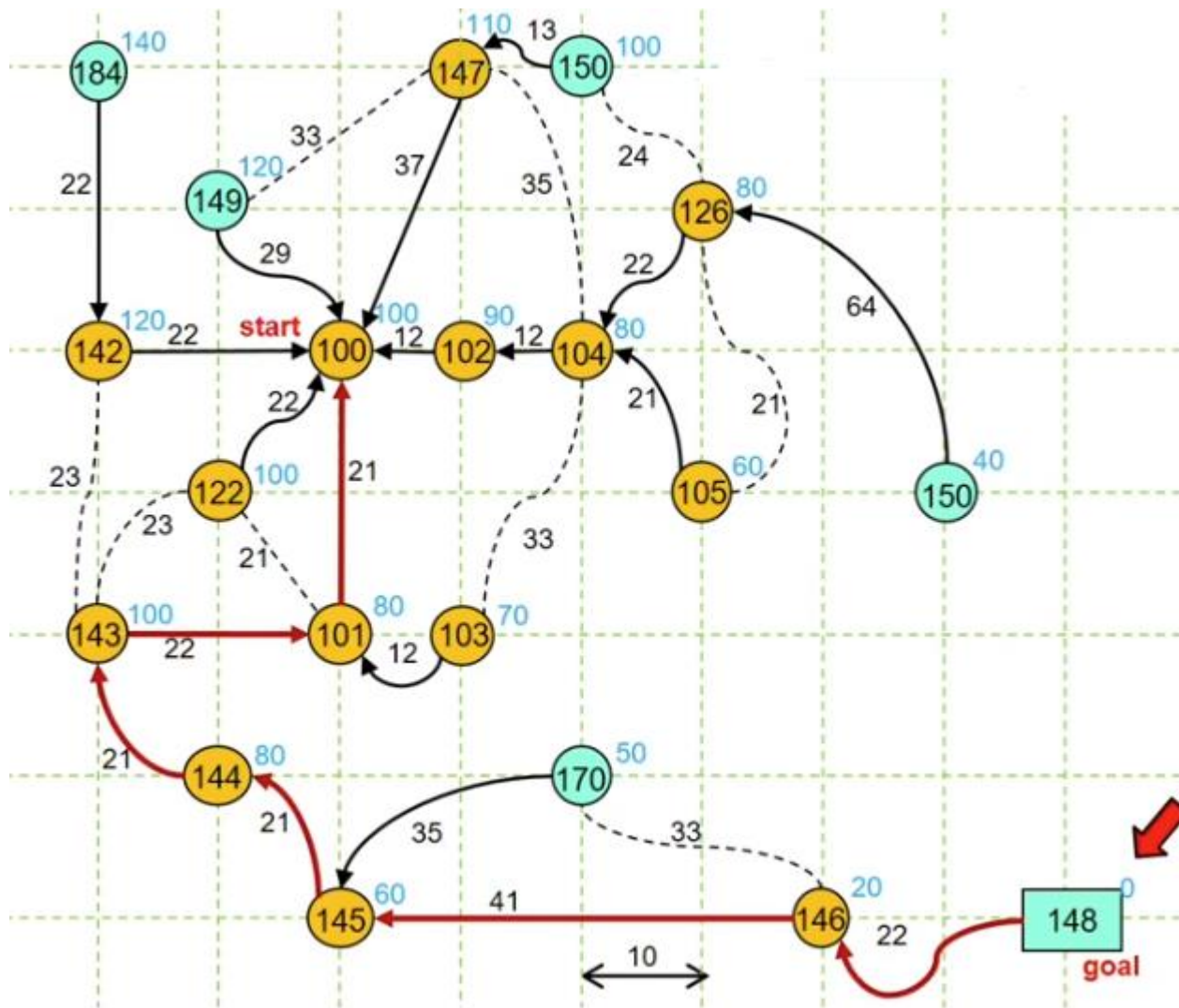


Inspect the best node in OPEN

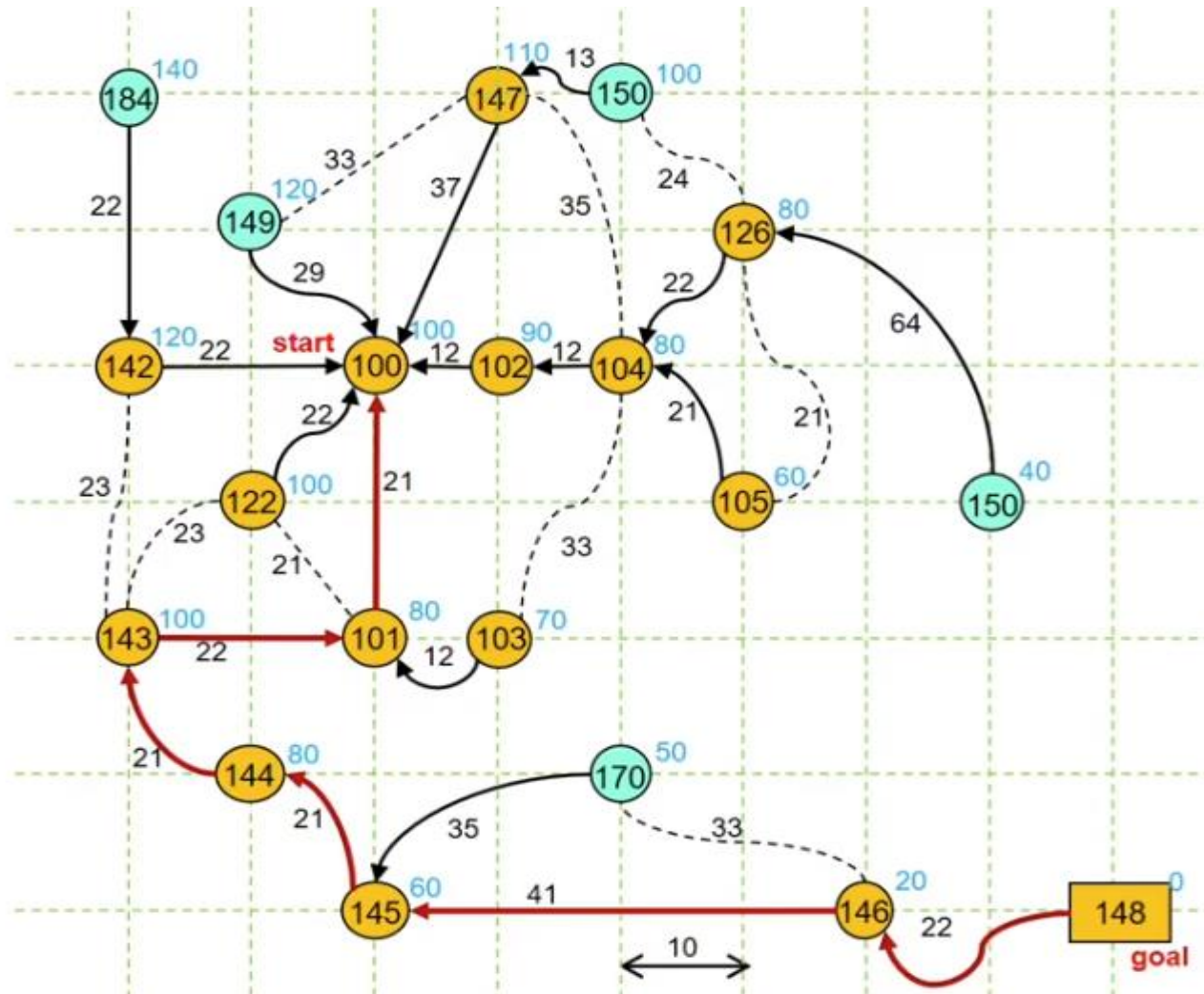


Goal node generated but is there a better node?

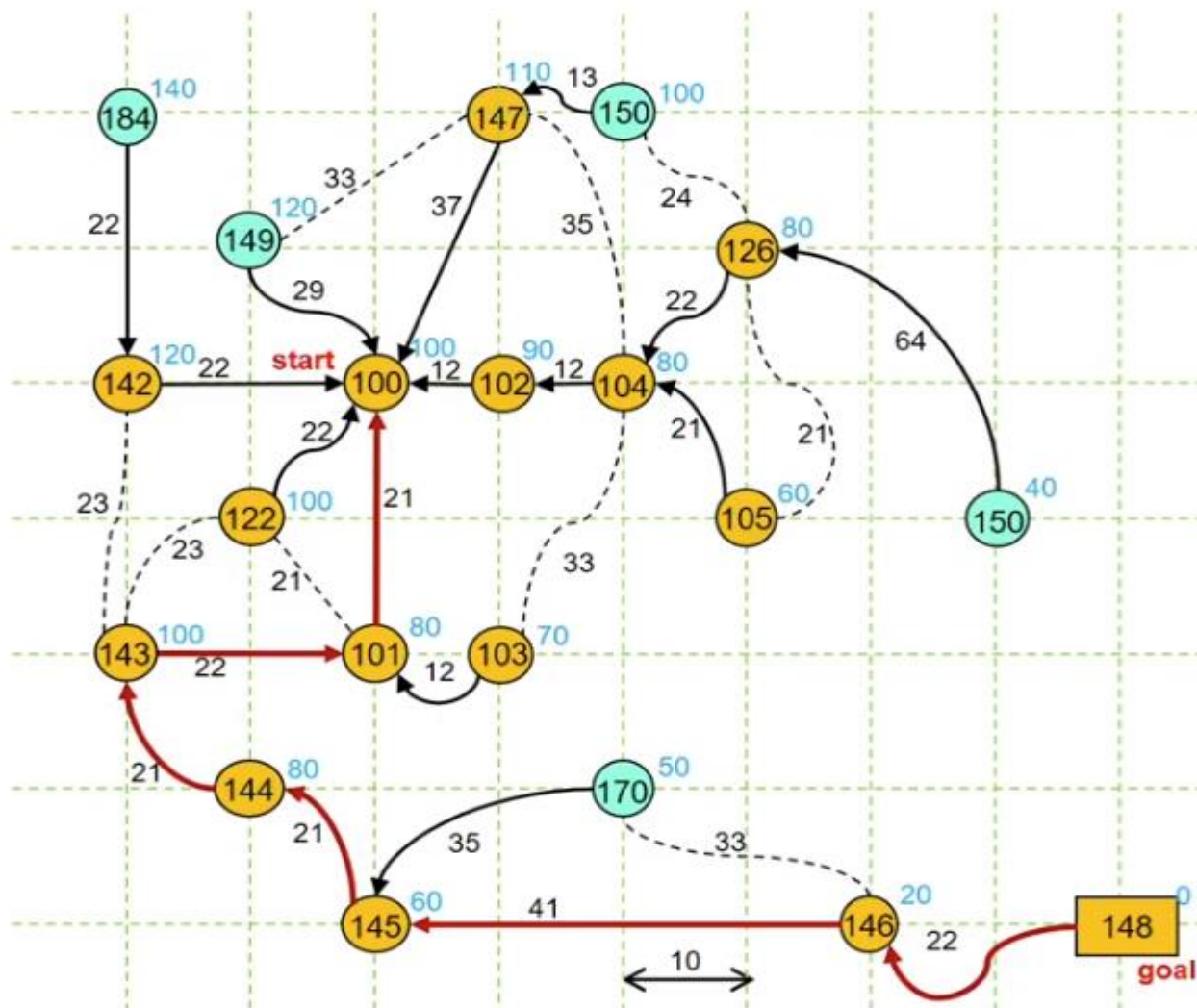




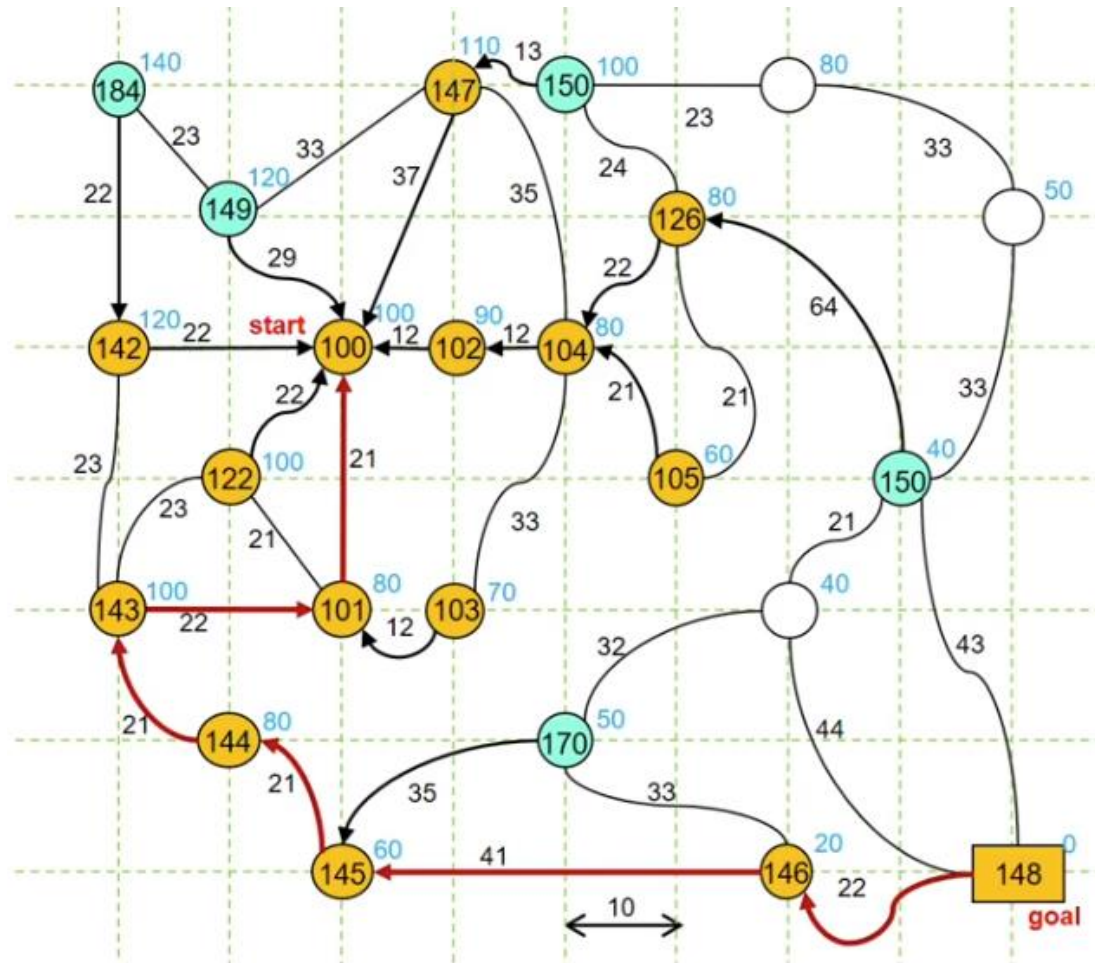
Goal node has lowest f-value



The solution



Nodes not explored



Solution : I,P,O,S,U,V,W

