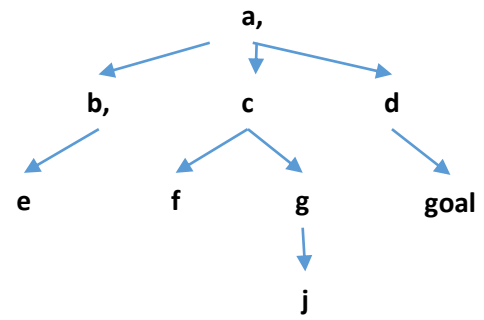
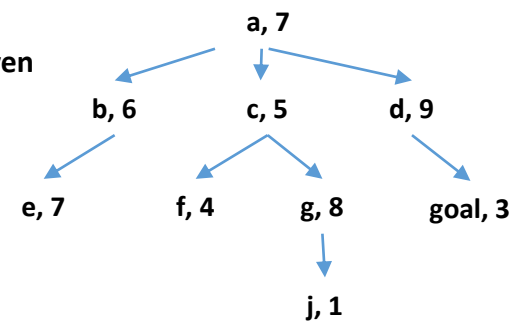


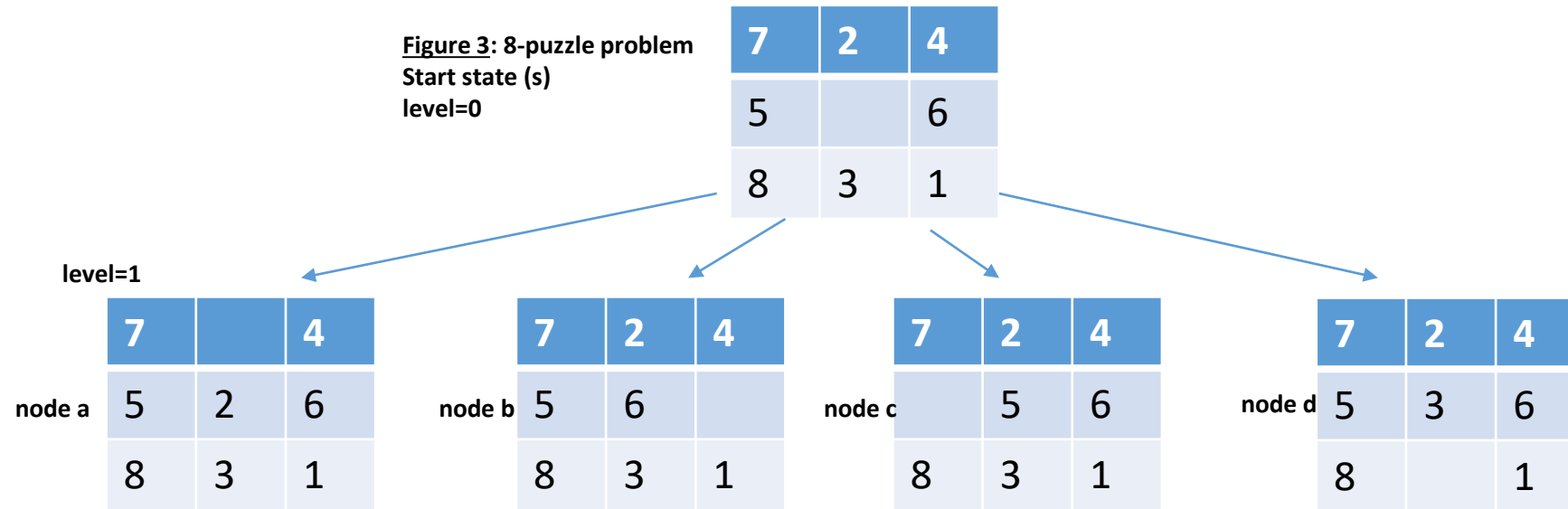
**Figure 1:** a search tree  
Node ids are given



**Figure 2:** a search tree  
with heuristic f-values are given



**Figure 3: 8-puzzle problem**  
Start state (s)  
level=0



Goal state

1	2	3
4	5	6
7	8	