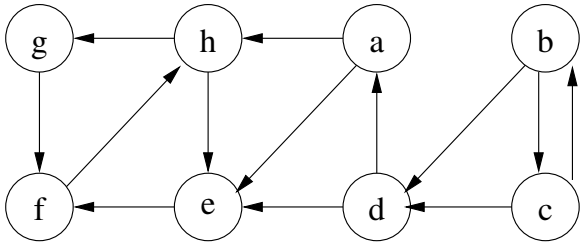
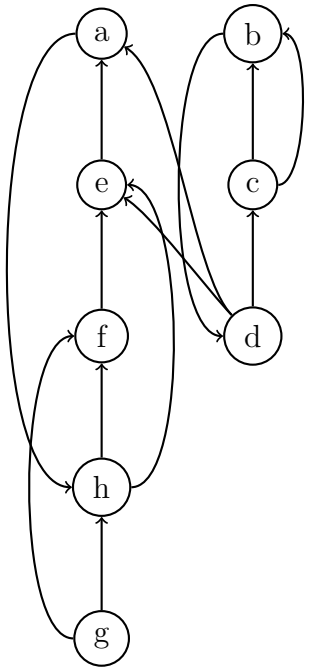
DFS Worksheet

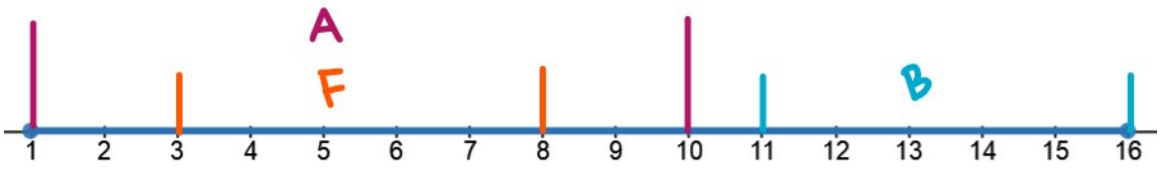


1. Label each vertex with its discovery and finish time stamp.

Vertex	**d**	**f**
a	1	10
b	11	16
c	12	15
d	13	14
e	2	9
f	3	8
g	5	6
h	4	7

2. Draw the depth-first tree. (Augment with back, cross and forward edges.)





3. Show the discovery-finish range for vertices a, f and b on a number-line.
   I am not sure why the graph is above it and I can't fix it in latex sorry.