One last vocab word:

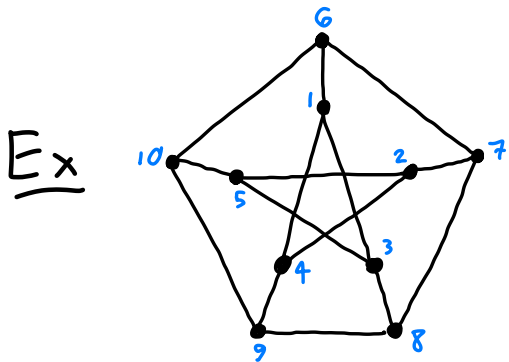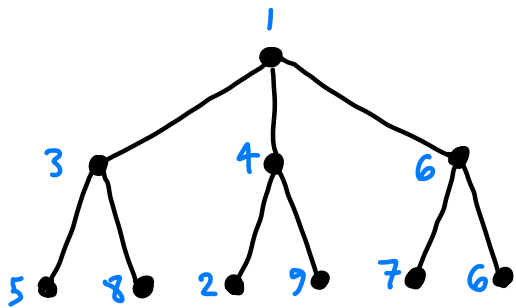**Def** The <u>height</u> of a tree with root v is the maximum distance from v to any other vertex.

Ex

BFS tree (root 1)

DFS tree (root 1)