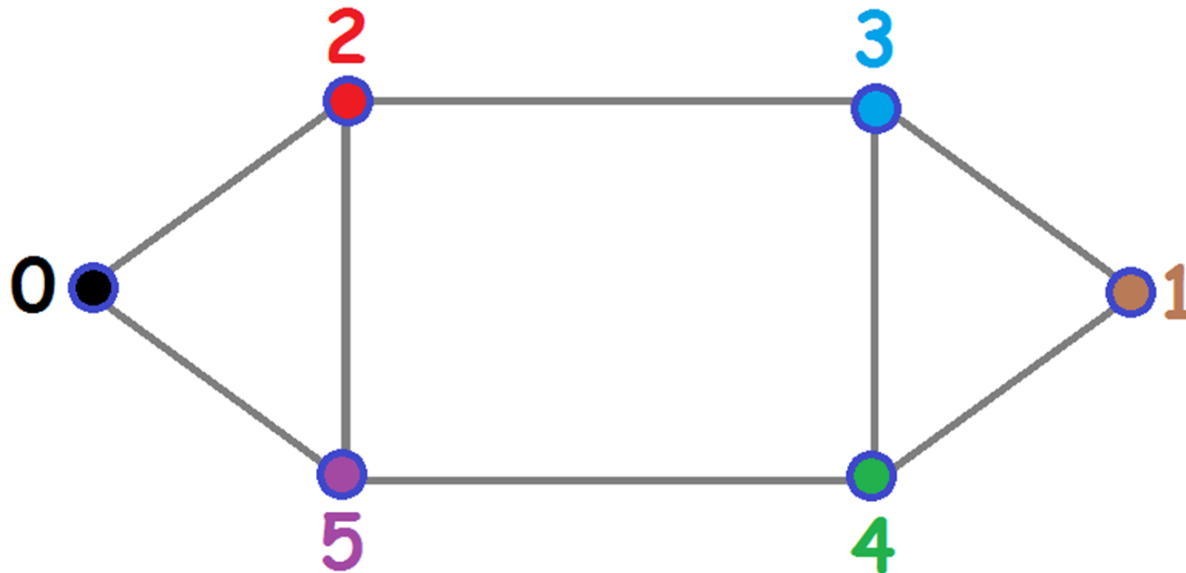
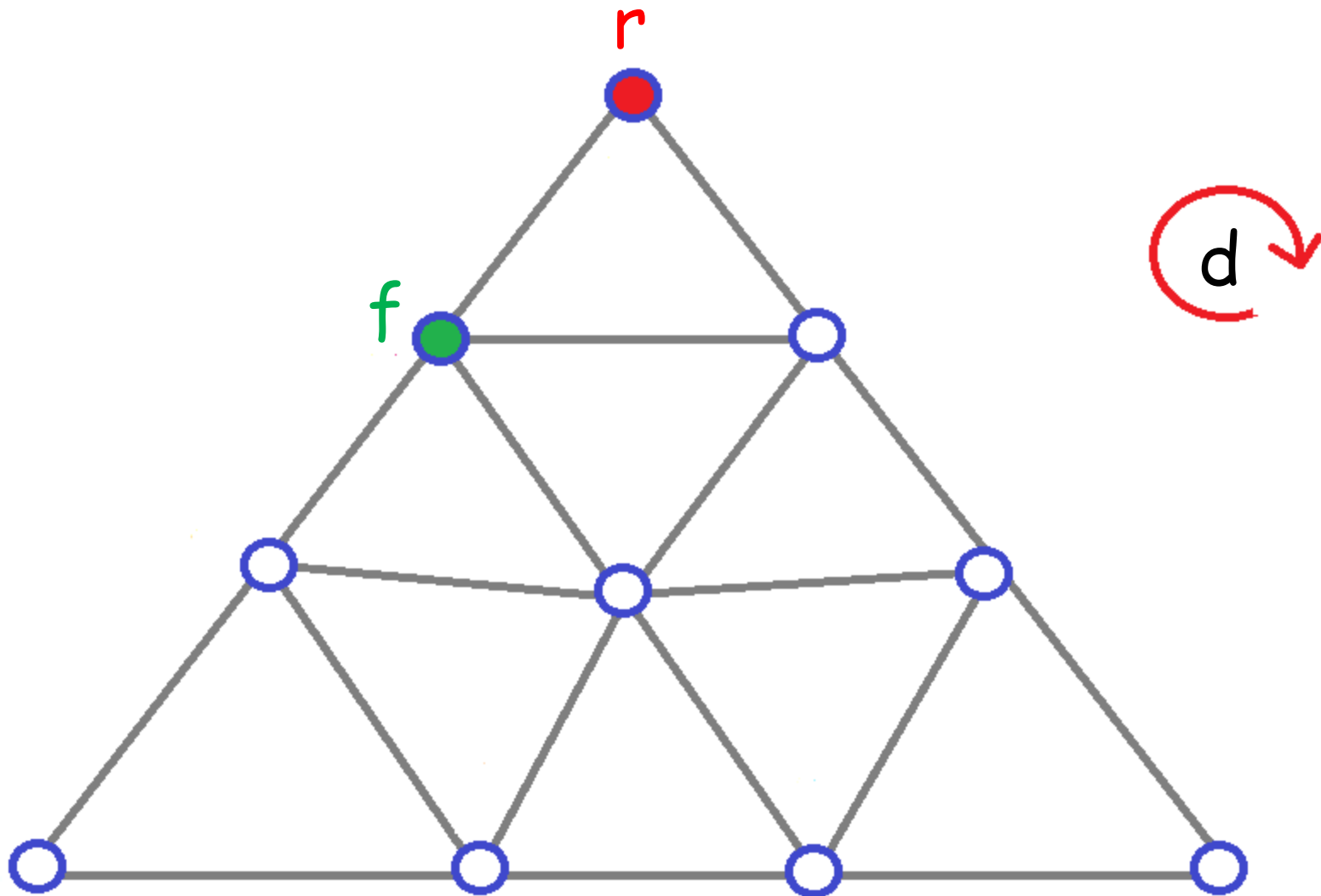


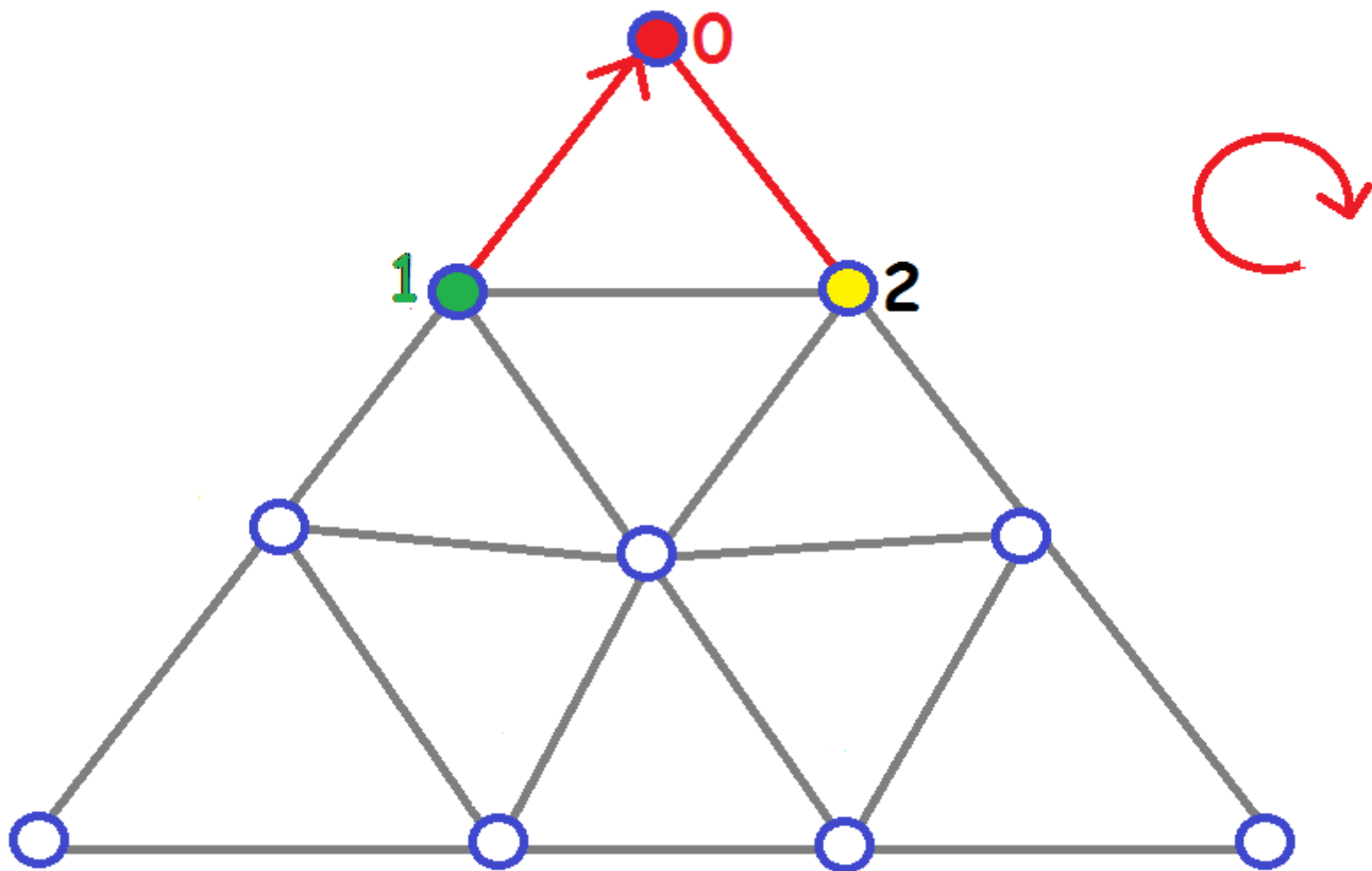
Give the parent, queue, BFI (breadth first index), and level arrays when BFS is applied to this graph starting at vertex 0. Process the neighbours of each vertex in **numerical** order.

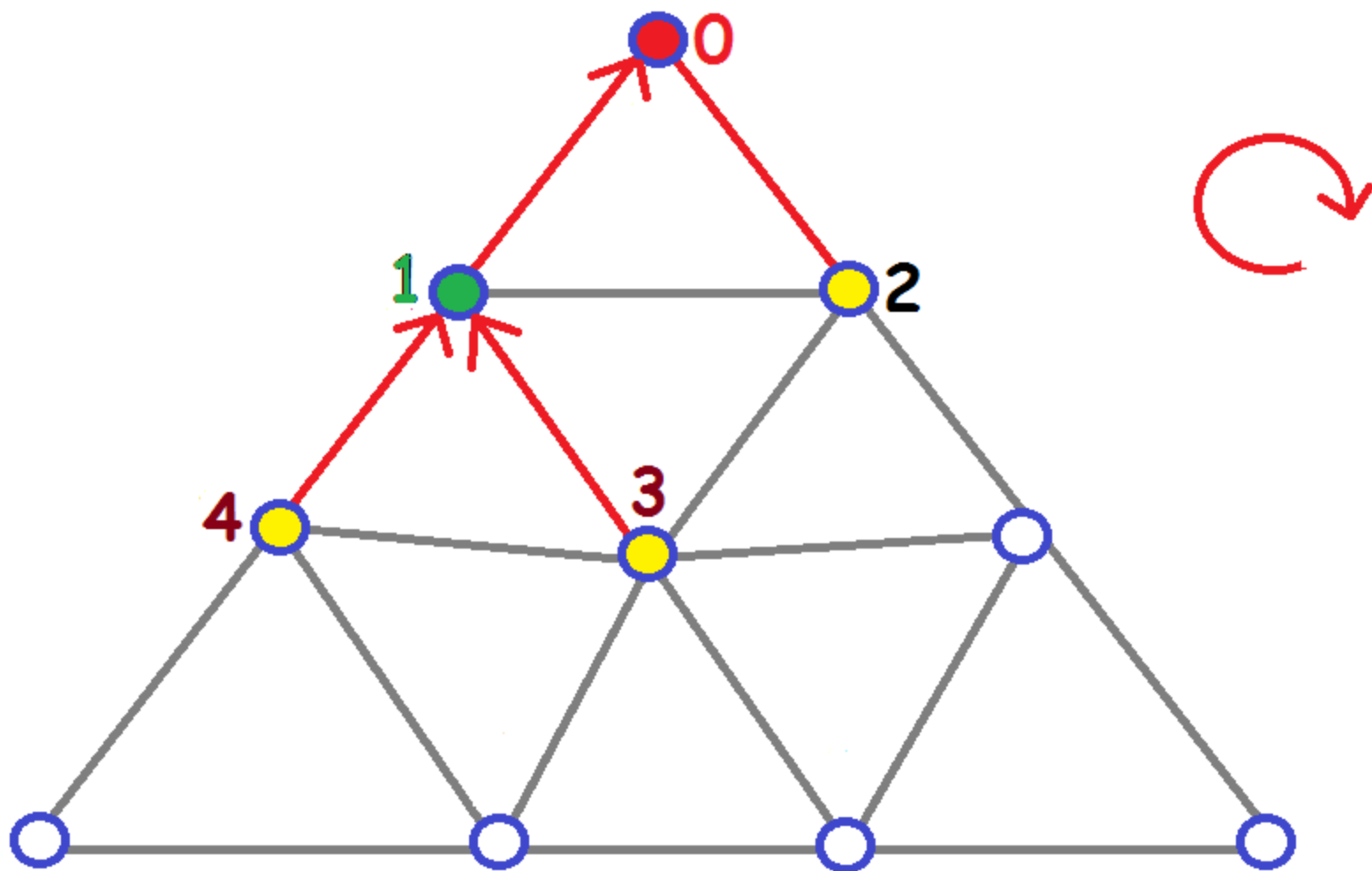


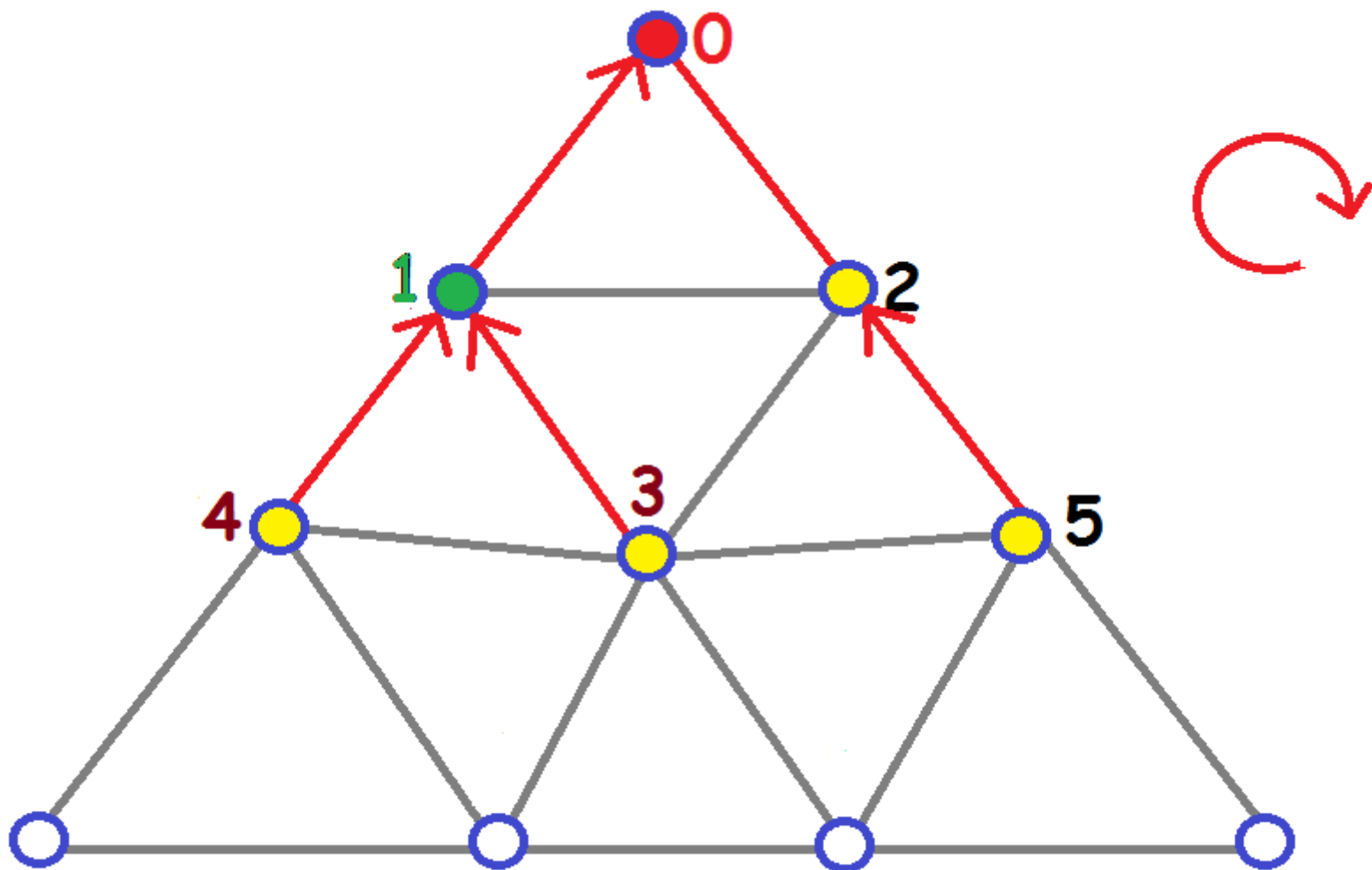
Clockwise_BFS(r, f, d):

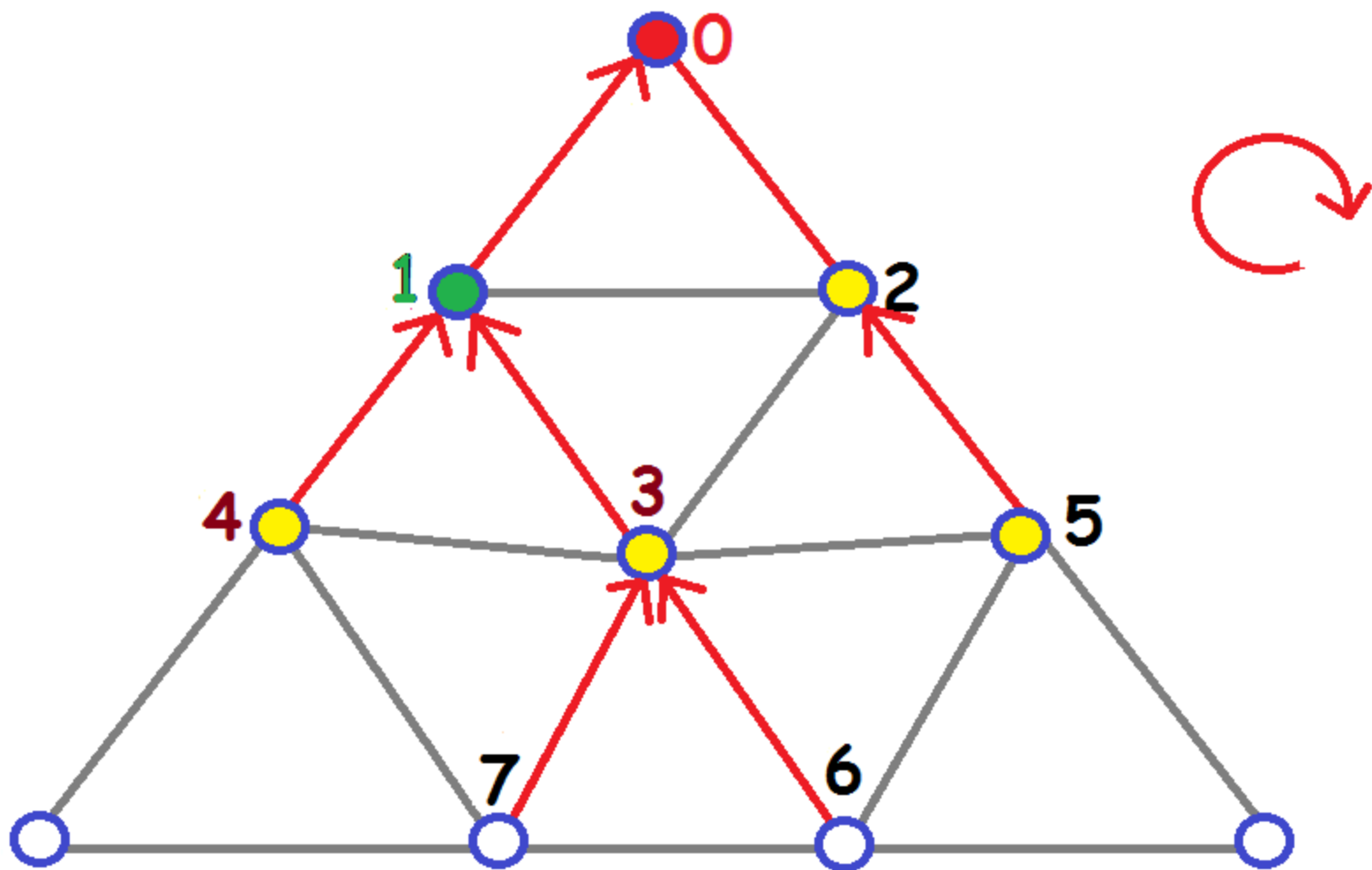
1. Choose a root vertex r .
2. Choose a first child vertex f .
3. Choose a direction d (clockwise or counterclockwise)
4. Do BFS subject to:
The children of each vertex are visited in the chosen order starting with f for the root or otherwise, starting with the BFS parent.

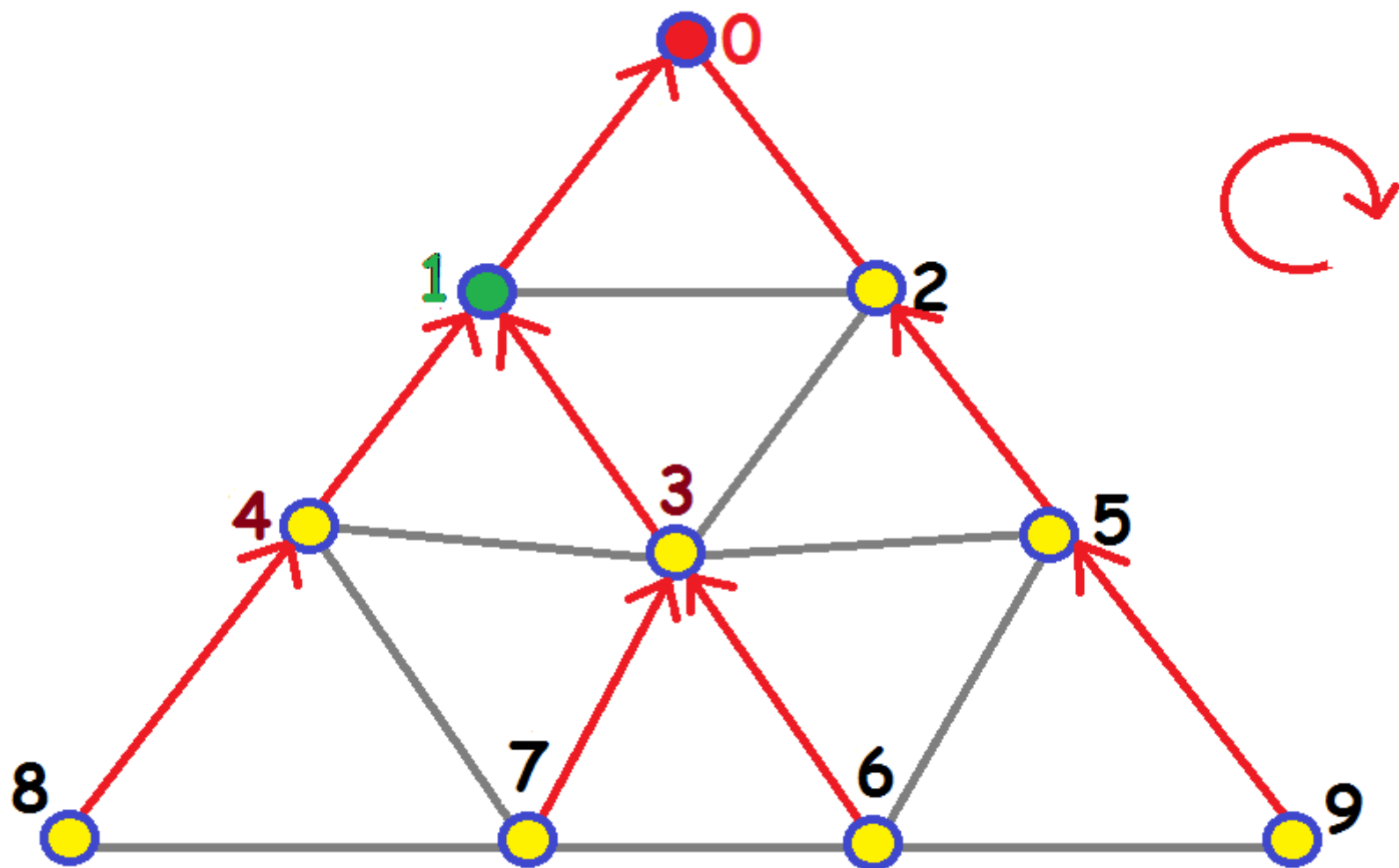


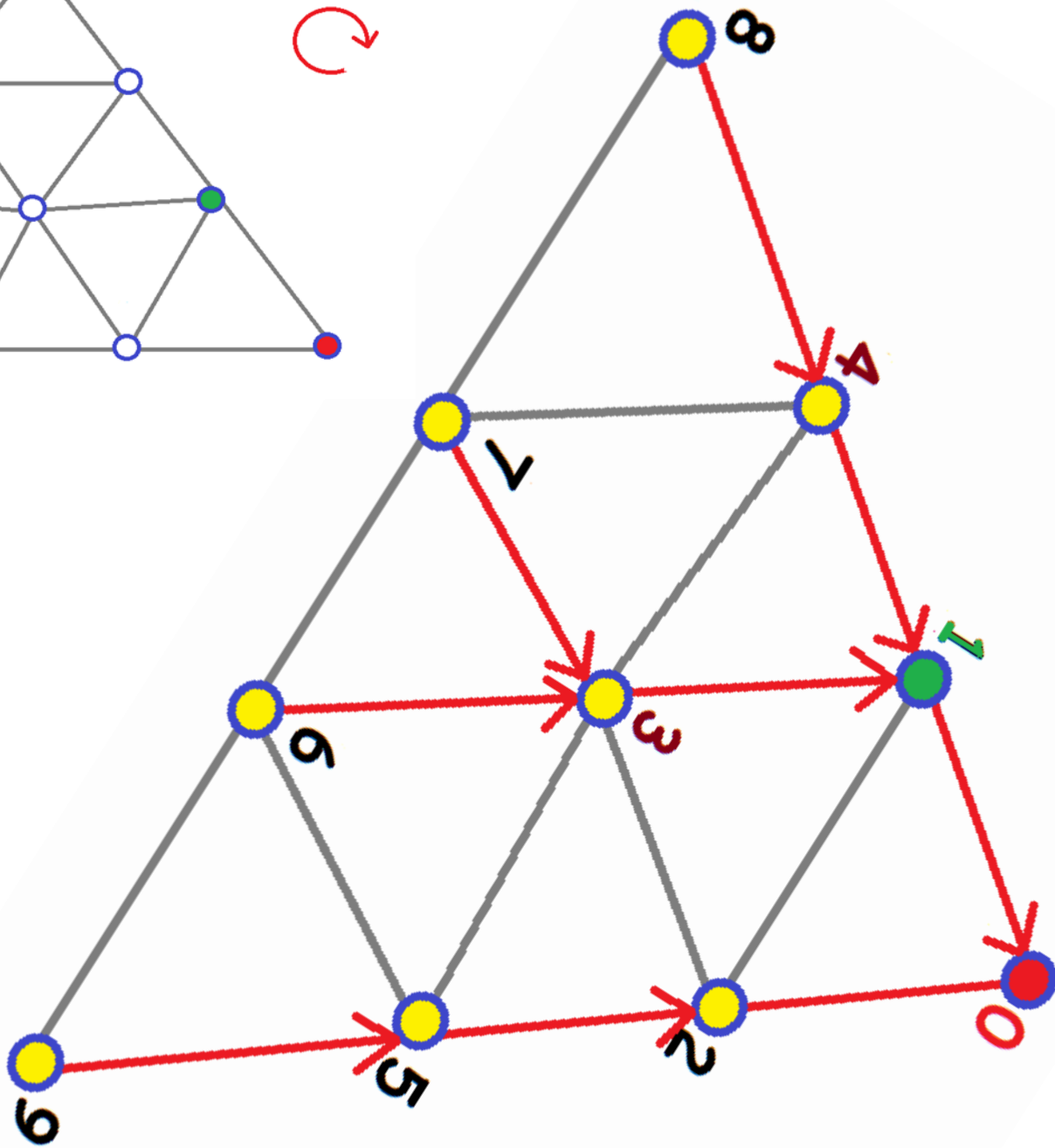
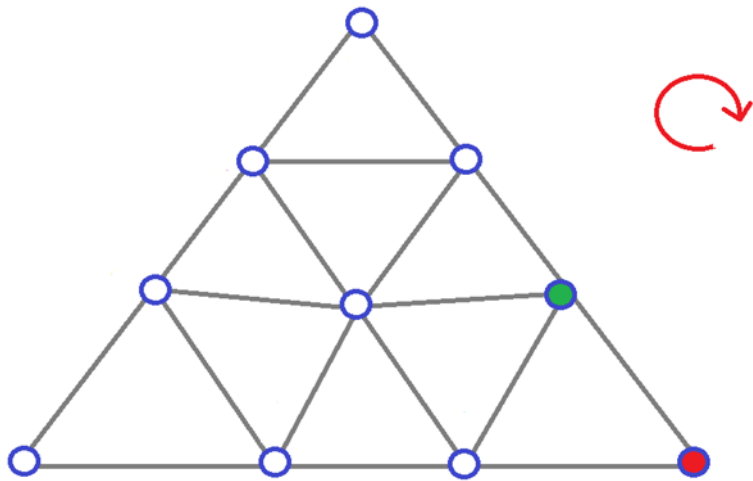




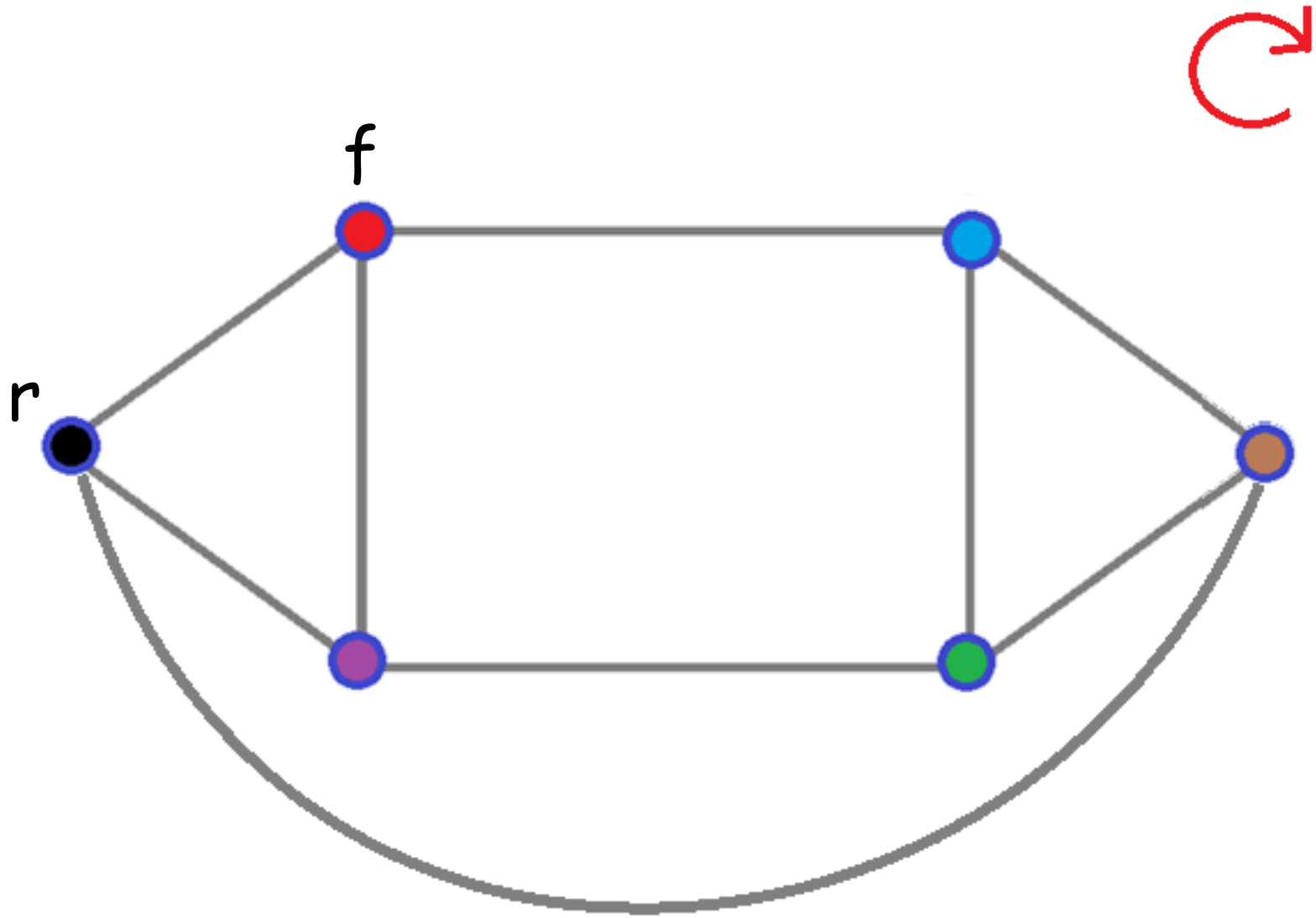




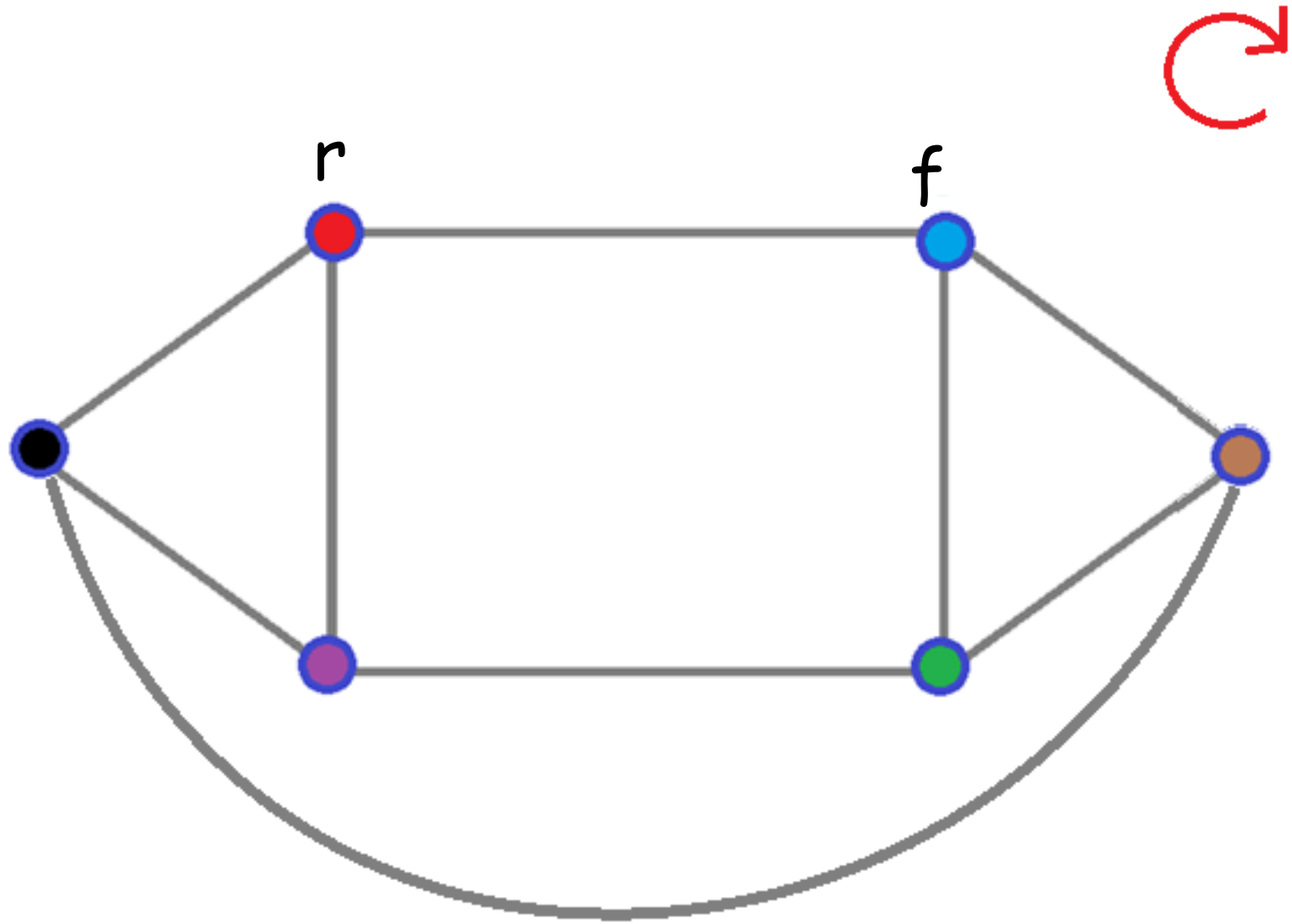




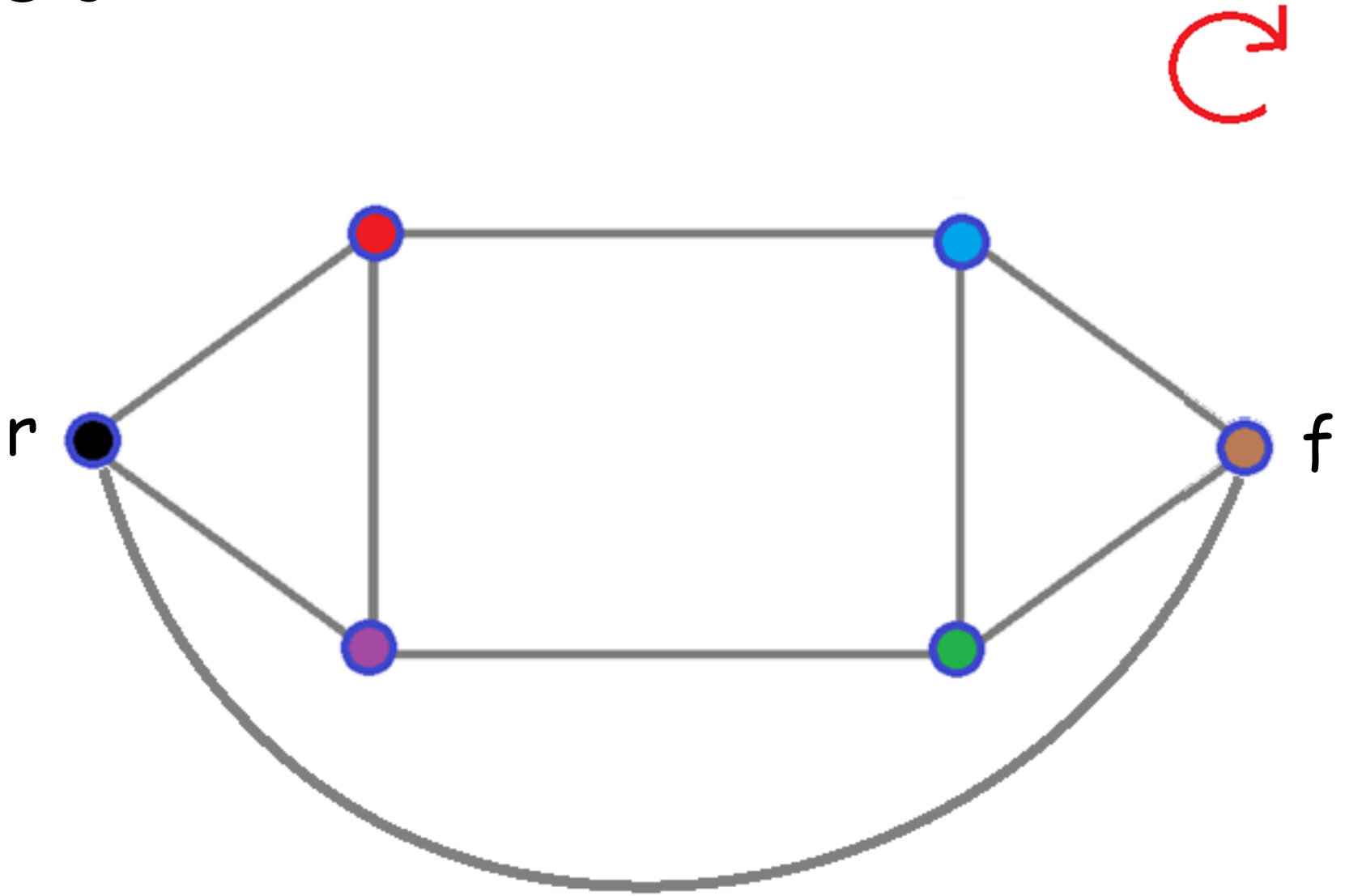
BFS 1:



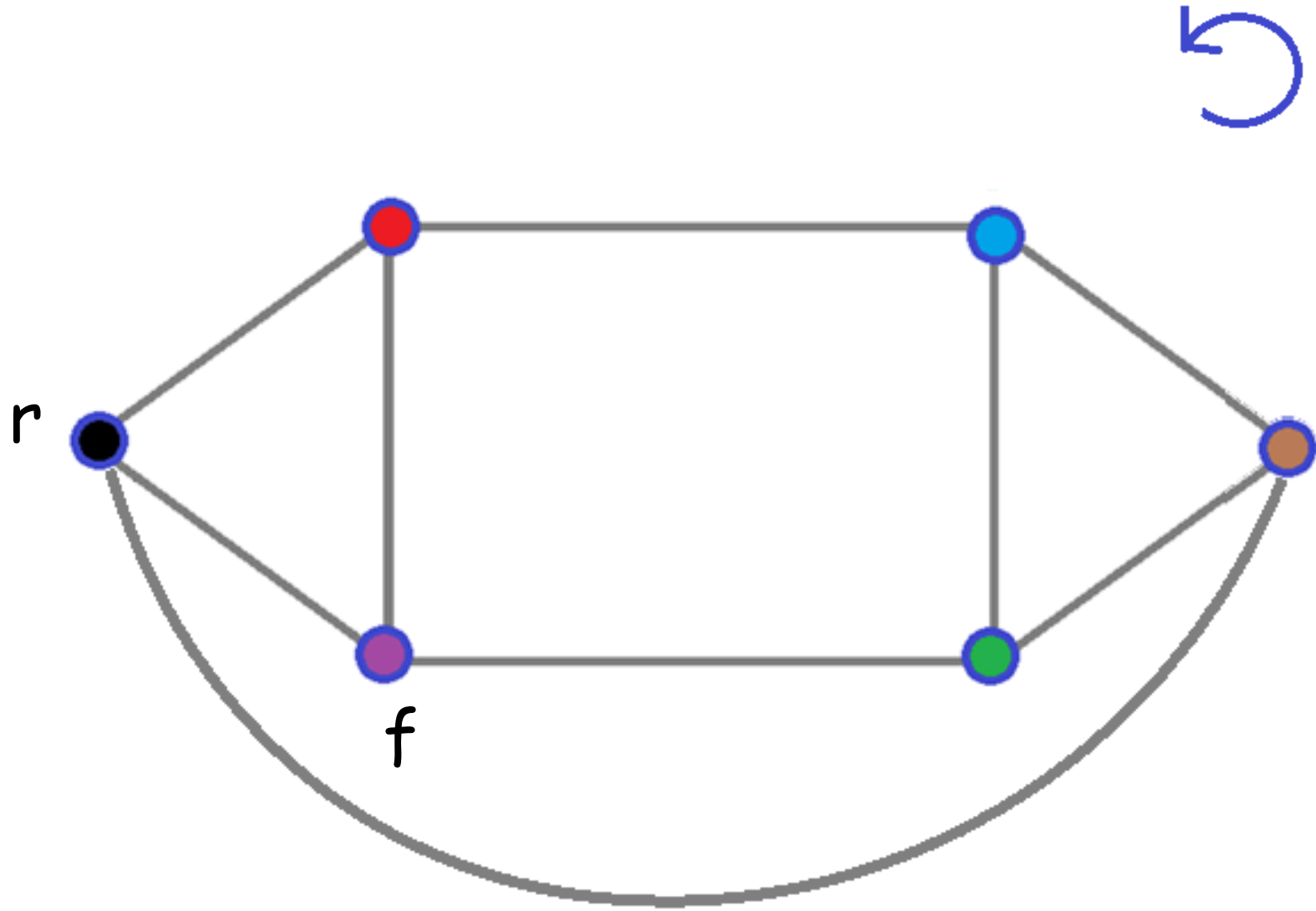
BFS 2:



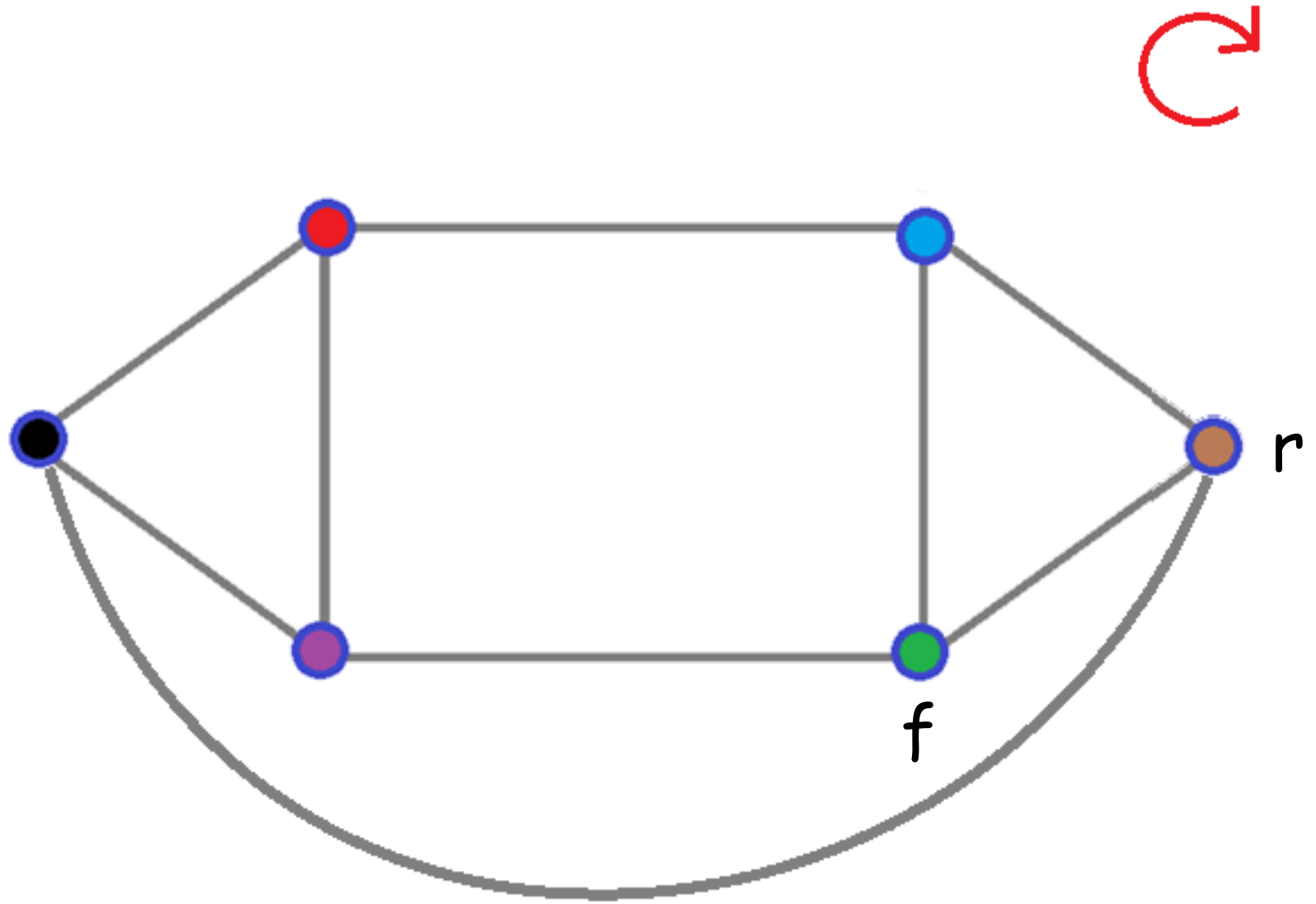
BFS 3:



BFS 4:



BFS 5:



BFS 6:

