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Assignment 7 – Answers

1. Edge list
2. You can tell based on how many edges and vertices a graph has if they are connected or not.
3. Yes. It would change if they were directed as well
4. Cons – DFS: doesn't always give the best solution Cons – BFS: uses more memory than DFS. Pros –DFS: much better for memory Pros – BFS: gives a better solution
5. O(n + m)