

# CPS 130 Homework 19

## BFS, DFS

due Thu June 20th

*Write and justify your answers in the space provided.*<sup>1</sup>

1. [CLRS 22.1-1]

2. [CLRS 22.1-5]

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<sup>1</sup>Collaboration is allowed, even encouraged, provided that the names of the collaborators are listed along with the solutions. Students must write up the solutions on their own.

3. [CLRS 22.2-3]

4. [CLRS 22.3-7]

5. [CLRS 22.4-5]