

Practice problems

You should be able to do the following tasks:

- ▶ Know various graph-theoretic terms (tree, degree, path, cycle, clique, matching, etc.) and be able to answer questions based on these terms
- ▶ Define decision, optimization, and construction problems defined in today's lecture
- ▶ Find solutions to these decision problems on small graphs (with at most 6 vertices)
- ▶ Formulate a real world problem as a graph problem