5. Decision versus search

6. co$\mathcal{NP}$, EXP, and NEXP

7. Some implications

See

📄 Sanjeev Arora, Boaz Barak:
Computational Complexity — A Modern Approach,
p. 53–59, Cambridge University Press: Cambridge-New York-Melbourne, 2009

Also see

📄 Michael R. Garey, David S. Johnson:
Computers and Intractability: A Guide to the Theory of $\mathcal{NP}$-completeness,
W.H. Freeman and Company: New York-San Francisco, 1979

and the websites

A Compendium of NP Optimization Problems.

Complexity Zoo