Problem Solving and Search in AI
Tutorial 6 (on July 7th)

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Exercise 6.1:
Consider the constraint graph G from Exercise 5.1. Make the treedecomposition of G using the elimination ordering of

  a) the min-fill heuristic, and

  b) the max-cardinality search.

Answer the following questions.

  1. What is the width of the particular tree-decompositions?

  2. How big is the search space for G?

  3. How big is the search space for the TD of a)?

  4. How big is the search space for the TD of b)?