Finding MSTs

Try one of the greedy algorithms on the complete bipartite graph $K_{3,5}$ with $w(v_i, w_j) = i + j$:

- Keep adding the least weight edges (don't include those that create cycles) - Kruskal's algorithm
- Keep deleting the most costly edges (don't delete bridges)
- Grow a spanning tree, adding least costly edge to an unvisited vertex - Prim's algorithm