HW Assignment 5 (Due date: October 28, Wednesday)

4. [MST, 10 points] Exercise 23.1-6, page 630.
5. [Kruskal’s MST, 10 points] Exercise 23.2-4, page 637.
6. [MST, 10 points] Exercise 23.2-8, page 637.
7. (*) [MST, 10 points] Let $G = (V, E)$ be a weighted, undirected, connected graph such that all the edge weights are distinct. Is the minimum spanning tree unique? If yes, provide a proof. If no, provide a counterexample.