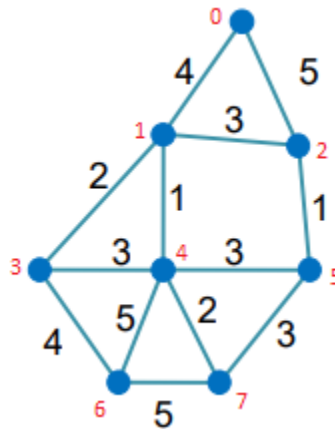


Please refer to the syllabus for formatting standards for your homework.

Complete the following exercises:

Section 4.3, (p. 631-636)

- 4.3.2
- 4.3.6
- 4.3.7
- For the graph pictured here, perform both Prim's and Kruskal's algorithms, as described in class (not the textbook). Your final answer should be a list of edges added to the MST, **in the order they are added**. Show your work. The red numbers are the vertex names, and the black numbers are the edge weights.



Section 4.4, (p. 685)

- 4.4.1
- 4.4.8

DUE: Monday, November 28