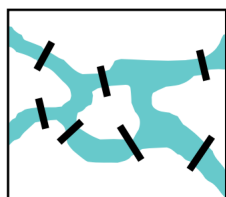


Written Homework 1: §1.1, §1.2

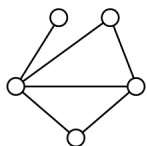
- The following exercises must be completed and submitted in class(or on Canvas) by **Thursday August 29, 2024 at 11:59 PM CST**.
- While you are encouraged to work with your classmates to complete this, the answers you submit must be your own and reflect your own understanding.
- You must show your work to receive credit!

Turn in hand written solution for the following problems in the textbook.

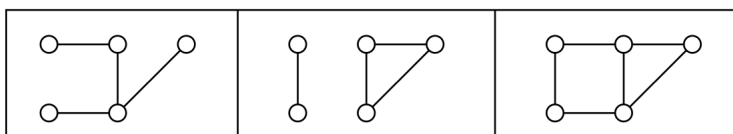
2. Suppose that a town has 7 bridges as pictured below. Create a graph that could be used to determine if there is a path that crosses all bridges once.



6. Find the degree of each vertex in the graph below.



7. Which of these graphs are connected?



11. Does each of these graphs have an Euler circuit? If so, find it.

