Problem 1. Complete the labeling of the nodes in the graphs below according to the order they are “visited” (removed from the queue) during a breadth-first search.

Figure 1: The graph for Problem 1.

Problem 2. Complete the labeling of the nodes in the graphs below according to the order they are “visited” (added to the stack) during a depth-first search.

Figure 2: The graph for Problem 2.
**Problem 3.** Complete the labeling of the nodes in the graphs below according to the order they are “visited” (removed from the queue) during a breadth-first search.

![Graph for Problem 3](image)

**Figure 3:** The graph for Problem 3.

**Problem 4.** Complete the labeling of the nodes in the graphs below according to the order they are “visited” (added to the stack) during a depth-first search.

![Graph for Problem 4](image)

**Figure 4:** The graph for Problem 4.