Math 234 Preview Exercises

Read Section 10.1 in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. How is a mathematical **graph** defined?

2. What is a **directed graph**?

3. What is a **simple graph**?

4. What is a **complete graph on n vertices**? How is it denoted?

5. What is a **complete bipartite graph on (m, n) vertices**? How is it denoted?

6. What is the **degree** of a vertex in a graph?