Problem Set 18

Due: Monday, April 27th

Instructions: Answer each of the following questions and provide a justification for your answer.

1. Problem 8.2.6 from the book.

2. Problem 8.3.2 from the book.

3. How many edges are there in K_n? In $K_{m,n}$?

4. Prove that if a graph is bipartite then it contains no circuit of odd length.

5. Problem 8.5.10 from the book.