Due Friday, January 31, 2012

1. # 1.1.11 in the book. (Hint: it is easier to consider the complement of the (simple) graph.)

2. # 1.1.13 in the book.

3. # 1.1.29 in the book.

4. # 1.1.37 in the book. (The definition of decomposition is given in section 1.1.32 of the book)

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Problems below review basic concepts and their ideas could be used in the tests.
WARMUP PROBLEMS: Section 1.1: # 2, 4, 5, 7, 9. Do not write these up!
OTHER INTERESTING PROBLEMS:
Section 1.1: # 18, 19, 20, 21, 22, 23, 30.
Section 1.2: # 17
Do not write these up!