

MATH 2113 - Assignment 7

Due: Mar 11

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11.1.20
11.1.21
11.1.23
11.1.38
11.1.44

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11.2.7
11.2.50

Prove that any two of the following statements imply the third:

1. G is connected
2. G has no cycles
3. G has n vertices and $n - 1$ edges

(Note: The last two problems are 10 marks each)