

Math 142, problem set 04
First draft: Mon Sep 30
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Problems to be done, but not turned in: (2.3) 1, 5, 9, 11; (3.1) 1, 5, 7, 11, 17, 21, 27.

Problems to be turned in:

- Give an example of a graph that has chromatic number 3. Carefully explain how you know that the chromatic number of your graph is exactly 3. (Do not use an example from the text.)
 - Same, but with chromatic number 4.
- (2.3) 12.
- (3.1) 4.
- (3.1) 10.
- (3.1) 16.
- (3.1) 18.
- (3.1) 26. To be current, use 37 cents for the cost of a letter.