Math 2433 homework

1. (due 9/2) 11.1 # 14, 17, 24-28, 42

2. (9/2) 11.2 # 5, 6, 29, 30, 31, 42, 44, 60, 66

3. (9/12) 11.3 # 6-12, 18-20, 25, 26

4. (9/12) 11.3 as many as needed of # 29-46

5. (9/12) 11.3 # 47, 48, 54, 64, 66, 68

6. (9/12) 11.4 # 8, 23, 25, 34

7. (9/21) 12.1 # 11-14, 25-40, 55-62

8. (9/21) 12.2 # 13-15, 19-21, 27, 28, 31, 32, 49, 50, 53

9. (9/30) 12.3 # 2, 11-13, 18, 24, 27, 29, 38

10. (9/30) 12.4 # as many as needed from 3-32

11. (9/30) 12.4 # 37, 39, 43, 45, 46

12. (9/30) 12.5 # 4, 9, 13-19, 35, 36

13. (10/10) 12.6 # as many as needed from 2-28

14. (10/10) 12.6 # 29, 30, 34

15. (10/10) 12.7 as many as needed (this would certainly involve at least one series for each kind of test, and probably at least one convergent and one divergent example for each test)

16. (10/21) 12.8 # 29, 30

17. (10/21) 12.8 as many as needed from 3-28

18. (10/21) 12.8 # 35, 38, 39, 40

19. (10/21) 12.9 as many as needed from 3-10

20. (10/21) 12.9 # 12, 17, 18, 24, 25, 32, 36

21. (10/21) 12.10 # 1, 2, 12, 18, 39, 40, 42, 47-50, 55-60

22. (11/4) 13.1 # 4, 10, 12, 18, 22, 28-38, 41

23. (11/4) 13.2 # be able to do any of 1-25

24. (11/4) 13.2 # 6, 22, 36 (what do you add to $\vec{a}$ to get $\vec{c}$?), 42, 43