

MA 241
Homework #5
Due Thursday, October 13, in class

The numbered problems come from *Stretching and Shrinking*. As usual, provide complete justifications for all of your answers.

1. p. 21, #20
2. p. 37, #3
3. p. 39, #8
4. p. 44, #30
5. p. 44, #31
6. p. 64, #9–14
7. p. 65, #22
8. p. 68, #25
9. p. 73, #43
10. p. 93, #13
11. p. 93, #14
12. p. 94, #18
13. p. 97, #34
14. p. 100, #42
15. Use your answer to part (b) in the previous problem to calculate the exact value of x (not a decimal approximation) assuming that $y = 1$.
16. p. 103, #50
17. p. 103, #51