Math 3F Homework Assignment Fall 2017

The following problems are taken from Boyce and DiPrima, Elementary Differential equations, 10th edition. **These problems are NOT to be turned in for credit.**

In order to master mathematics, you must practice. You can only benefit from attempting the problems below.

Furthermore, the problems below (or problems like them) are fair game for exams.

1.1 1-24

1.2 1-19

1.3 1-14, 29, 30

2.1 1-20, 21-23, 24-26, 27, 28, 29 (a), 30-37

2.2 1-8, 9-20 (a & c), 21-27, 29

2.3 1-13, 13-19, 20-22 (a/b), 24-27

2.4 1-16, 21, 23, 24, 32, 33

2.5 1-14

2.6 1-32

2.7 1-18

3.1 1-25

3.2 1-37

3.3 1-32

3.4 1-19, 23-30

3.5 1-20

3.6 1-26

4.1 1-25

4.2 11-38

4.3 1-18

4.4 1-17

5.1 1-28

5.2 1-28

5.3 5-29

5.4 1-42

5.5 1-16

5.6 1-21

6.1 1-29

6.2 1-28

6.3 1-36

6.5 1-16

6.6 1-20

7.1 1-12, 17, 19, 22

7.5 1-31

7.6 1-31

7.7 1-12

7.9 1-18