

Math 3E Homework Assignment Fall 2015

The following problems are taken from Lay, Linear Algebra and its applications, 4th edition. **These problems are NOT to be turned in for credit. They are for your own benefit and you may do them (or not do them) at your discretion.**

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 : 11-16, 19-22, 23, 24, 29-32, 33, 34

1.2 : 1-4, 7-14, 17, 18, 20-31, 33

1.3 : 9-21, 25, 26

1.4 : 1-36

4.1 : 1-4, 25-30

1.5 : 1-33

1.7 : 1-20, 31, 32, 41

1.8 : 1-6, 9-20, 34-36

1.9 : 1-12, 17-22, 34, 35

2.1 : 1-12

2.2 : 1-26, 29-33

2.3 : 1-16, 33, 34

2.8 : 1-6, 8, 15-20, 23-26, 37, 38

4.1 : 5-8, 12, 15-18, 19, 20, 21, 37, 38

4.2 : 1-24, 30, 31-33

4.3 : 1-27, 33-38

2.9 : 1-6, 9-12, 13-16

4.4 : 1-36

4.5 : 1-28

4.6 : 1-16, 19-30

3.1 : 1-38

3.2 : 1-40

3.3 : 19-32

5.1 : 1-16

5.2 : 1-17

5.3 : 1-20

5.5 : 1-20

5.6 : 1-14

6.2 : 1-22

6.3 : 1-16

6.4 : 1-14

6.5 : 1-12

6.7 : 1-14

6.8 : 5-14

