

# Math 54 - Homework Assignments

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Friday, August 26th, 2011

Here are all the Math 54 homework assignments at a glance, including due dates. **There will also be a quiz on each day the homework is due**, except for Homework 12! The lowest 2 homeworks and the lowest quiz will be dropped. Good luck, and may the Matrix be with you!

## **1 Homework 1, due on Friday, 09/02**

- **Section 1.1:** 1, 3, 5, 7, 9, 11, 13, 15, 20, 28
- **Section 1.2:** 1, 3, 5, 7, 9, 11, 13, 15, 23, 24, 25, 26, 30

## **2 Homework 2, due on Friday, 09/09**

- **Section 1.3:** 1, 3, 5, 7, 9, 11, 13, 15, 22, 25
- **Section 1.4:** 1, 5, 7, 9, 11, 17, 18, 29, 34
- **Section 1.5:** 1, 5, 9, 14, 24, 29, 30, 31, 32
- **Section 1.6:** 1, 3, 9, 11, 14
- **Section 1.7:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 21, 22, 33, 34, 35, 36
- **Section 1.8:** 1, 3, 9, 11, 17
- **Section 1.9:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 23, 24

### **3 Homework 3, due on Wednesday, 09/14 (!)**

- **Section 1.10:** 1, 3, 9
- **Section 2.1:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 23, 24, 27
- **Section 2.2:** 1, 3, 9, 11, 19, 21, 38
- **Section 2.3:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 21, 24, 30
- **Section 2.5:** 1, 3, 9, 11, 17
- **Section 2.8:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 21, 23
- **Section 2.9:** 1, 3, 9, 11, 17, 21, 23, 24

**MIDTERM 1, Thursday 09/15**

### **4 Homework 4, due on Friday, 09/30**

- **Section 3.1:** 1, 5, 9, 13, 19, 20, 21, 22, 41
- **Section 3.2:** 1, 3, 5, 7, 11, 19, 21, 27, 31, 33, 34, 35
- **Section 3.3:** 1, 3, 5, 7, 9, 11, 21, 25, 32
- **Section 4.1:** 1, 3, 9, 11, 17, 24, 27, 32
- **Section 4.2:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 23, 25, 30
- **Section 4.3:** 1, 3, 9, 11, 17, 21, 32, 33

### **5 Homework 5, due on Friday, 10/07**

- **Section 4.4:** 1, 3, 9, 11, 17, 27
- **Section 4.5:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 26, 27
- **Section 4.6:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 23, 33
- **Section 4.7:** 1, 3, 9, 11, 17

## **6 Homework 6, due on Friday, 10/14**

- **Section 5.1:** 1, 3, 9, 11, 17, 21
- **Section 5.2:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 21
- **Section 5.3:** 1, 3, 9, 11, 17, 21
- **Section 5.4:** 1, 3, 9, 11, 17
- **Section 5.5:** 1, 3, 5, 7, 9, 11, 13, 15, 17

## **7 Homework 7, due on Friday, 10/21**

- **Section 6.1:** 1, 5, 7, 9, 13, 17, 21, 22, 24
- **Section 6.2:** 3, 9, 11, 15, 19, 21
- **Section 6.3:** 1, 3, 5, 7, 11, 17, 21
- **Section 6.4:** 1, 3, 5, 7, 9, 11, 13
- **Section 6.5:** 1, 3, 7, 13, 15, 17

## **8 Homework 8, due on Monday, 10/24 (!)**

- **Section 6.6:** 1, 3, 7, 13, 15
- **Section 6.7:** 1, 3, 5, 7, 9, 11, 13, 15, 19, 22, 24
- **Section 6.8:** 1, 2, 3, 4

**MIDTERM 2, Tuesday, 10/25**

## **9 Homework 9, due on Monday, 11/14 (!)**

- **Section 7.1:** 7, 11, 13, 17, 22, 24, 32, 33, 34
- **Section 7.2:** 5, 9, 19

From now on, we're switching to the Differential Equations book!

- **Section 4.1:** 1, 3, 5, 8, 9, 10
- **Section 4.2:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 26, 30
- **Section 4.3:** 1, 3, 9, 11, 17, 33
- **Section 4.4:** 1, 3, 5, 7, 9, 11, 13, 15, 17
- **Section 4.5:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 26, 30
- **Section 4.6:** 1, 3, 9, 11, 15, 20

## **10 Homework 10, due on Monday, 11/21 (!)**

- **Section 4.7:** 3, 7, 12, 13
- **Section 4.8:** 1, 3, 9, 11
- **Section 4.9:** 1, 3, 5, 7
- **Section 6.1:** 1, 3, 9, 11, 13, 23, 27
- **Section 6.2:** 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 25

## **11 Homework 11, due on Friday, 12/2**

- **Section 9.4:** 1, 3, 9, 11, 17, 21, 25, 27
- **Section 9.5:** 13, 15, 17, 19, 21, 31, 33, 35
- **Section 9.6:** 1, 3, 9, 11, 17, 19
- **Section 9.7:** 3, 5, 10, 13, 15, 27
- **Section 9.8:** 1, 3, 5, 7
- **Section 10.2:** 1, 3, 5, 9, 11, 13, 21, 27, 31
- **Section 10.3:** 1, 3, 5, 7, 9, 11, 17, 19, 26, 27, 31

## **12 Homework 12, due on Friday, 12/9**

- **Section 10.4:** 1, 3, 5, 7, 9, 11, 13, 18
- **Section 10.5:** 1, 3, 5, 7, 9, 13
- **Section 10.6:** 1, 3, 5, 13, 15
- **Section 10.7:** 1, 3, 5, 7

**FINAL EXAM, Wednesday, 12/14, 3 - 6 pm**