

Daily Assignments

Math 110 – Mathematical Explorations

Block 4 2005

All homework is due at 4:30 PM on the given day. Please turn the homework in to the appropriate homework box, located on the math hallway on the second floor of Tutt Science Center.

Homework due Tuesday, November 29:

Read Chapter 1.
Complete these problems in Chapter 1: 1–10

Homework due Wednesday, November 30:

Read Section 2.2 and Section 4.3.
Complete these problems in Section 2.2: 6–10
Complete these problems in Section 4.3: 9, 11, 12, 13

Homework due Thursday, December 1:

Read Section 2.3.
Complete these problems in Section 2.3: 8–15, 21, 22

Homework due Friday, December 2:

Read Section 2.4.
Complete these problems in Section 2.3: 23–25
Complete these problems in Section 2.4: 7, 12, 15, 32, 35, 38
Team Problems #1

Homework due Monday, December 5:

Read Sections 2.6 and 2.7.
Complete these problems in Section 2.6: 10, 22, 23, 26, 29
Complete these problems in Section 2.7: 8, 29, 33, 34
Individual Problems #1

Homework due Tuesday, December 6:

Read Sections 3.1 and 3.2.
Complete these problems in Section 3.1: 11, 12
Complete these problems in Section 3.2: 9, 11, 16, 18, 20–22

Homework due Wednesday, December 7:

Read Sections 3.3, 3.4, and 3.5.
Complete these problems in Section 3.3: 9, 14, 19
Complete these problems in Section 3.4: 16, 19
Complete these problems in Section 3.5: 6, 7, 10
Team Problems #2

Homework due Thursday, December 8:

Read Sections 4.1 and 4.2.

Complete these problems in Section 4.1: 8, 11, 12, 15, 18, 20

Complete these problems in Section 4.2: 7, 16, 17, 20

Individual Problems #2

Homework due Friday, December 9:

Read Section 4.4.

Complete these problems in Section 4.4: 1–6, 8, 9, 12, 17

Homework due Monday, December 12:

Read Section 4.5.

Complete these problems in Section 4.5: 9, 11, 14, 20–22

Complete these problems in Section 4.7: 19

Team Problems #3

Homework due Tuesday, December 13:

Read Sections 4.6 and 4.7.

Complete these problems in Section 4.6: 9–11, 26, 27

Complete these problems in Section 4.7: 6–8, 14

Individual Problems #3

Homework due Wednesday, December 14:

Read Sections 5.1 and 5.2.

Complete these problems in Section 5.1: 4, 7, 16, 21, 23–25

Complete these problems in Section 5.2: 9, 10, 13, 18

Homework due Thursday, December 15:

Read Section 5.3.

Complete these problems in Section 5.3: 8, 16, 18, 26–31

Team Problems #4

Homework due Friday, December 16:

Read Section 5.4.

Complete these problems in Section 5.4: 10–12, 19–22

Individual Problems #4

Homework due Monday, December 19:

Read Sections 6.1, 6.3, and 6.6.

Complete these problems in Section 6.3: 6, 21, 22, 25

(The cool thing about the Cantor Set is that it has zero length, but is still uncountable!

Complete these problems in Section 6.6: 9–12, 17

Homework due Tuesday, December 20:

Read Section 6.2.

Complete these problems in Section 6.2: 11, 16–19, 21–23

Team Problems #5

Homework due Wednesday, December 19:

Read Section 6.4.

No daily assignment due today.

Individual Problems #5