

# Homework for Math 3333

Homework is due every Thursday in class. Late homework will not be accepted.

Homework 1 Due on January 24.

1. Section 1.1: 1, 2, 13
2. Section 1.2:  $6(f)$ ,  $7(a)$ ,  $8(a)$ ,  $8(b)$ ,  $8(e)$ ,
3. Section 1.3: 3,  $11(a)$ ,  $11(b)$ ,  $12(a)$ ,  $14(f)$ ,  $15(e)$ .

Homework 2 Due on January 31.

1. Section 1.4: 22, 29, 31, 38
2. Section 1.5:  $24(b)$ , 28, 30, 33, 38
3. Section 1.6: 9, 13,  $16(a)$ ,  $17(b)$ , 19

Homework 3 Due on February 7.

1. Section 2.1:  $2(a)$ ,  $5(a)$ ,  $6(b)$ , 7, 8, 13 (Find row echelon form instead of reduced row echelon form.)
2. Section 2.2:  $5(a)$ ,  $6(c)$

Homework 4 Due on February 14.

1. Section 2.2: 7,  $9(b)$ , 12, 15, 22
2. Section 2.3: 9, 11, 16

Homework 5 Due on February 21.

1. Section 3.1: 2, 4, 6, 11, 12, 14, 16
2. Section 3.2: 2, 4, 7, 11, 26

Homework 6 Due on February 28.

1. Section 3.3: 4, 6
2. Section 3.4: 2,  $7(a)$ , 12
3. Section 3.5: 1, 5

Homework 7 Due on March 6.

1. Section 4.2: 2, 3, 7, 10, 16, 24, 25
2. Section 4.3: 5, 8, 9, 13

Homework 8 Due on March 13.

1. Section 4.3: 16, 18, 24, 31, 34
2. Section 4.4: 3, 6, 9, 11, 15
3. Section 4.5: 1, 3

Homework 9 Due on March 27.

1. Section 4.5: 5, 10, 12, 15, 16, 21, 22
2. Section 4.6: 2, 6, 8, 9

Homework 10 Due on April 3.

1. Section 4.6: 13, 16, 20, 23, 29, 35

2. Section 4.9: 9, 12(b), 13(b), 14(a), 20(b), 26, 34, 37

Homework 11 Due on April 17.

1. Section 6.1: 2, 3, 4, 8, 12, 15, 26
2. Section 6.2: 3, 6, 8, 11, 17, 24, 25
3. Section 6.3: 1, 5, 10(a), 13(c), 13(d)

Homework 12 Due on April 24.

1. Section 7.1: 2, 5(b), 5(d), 6(a), 6(d), 7(b), 7(c), 9(a), 9(d), 17

Suggested Problems Do not Submit.

1. Section 7.2: 6(c), 7(c), 10(b), 10(d), 12, 15(b), 15(c), 16(a), 16(d), 19, 24
2. Section 7.3: 21, 24, 26, 27, 28