

## FINAL REVIEW

To prepare for the test, you should study **all quizzes and tests**, as well as the **homework problems** listed below OR the similar examples done in class from the topics listed here.

Important topics:

### Graphing Functions & Systems of Inequalities

2.4	Exercises 9, 10, 15
2.6	Exercises 20, 27, 31
2.7	Exercises 4, 7, 46, 51, 53
3.1	Exercises 1, 2, 3, 15, 17, 18, 21, 23, 24
3.4	Exercises 29, 31, 32, 34, 35, 37, 39, 40, 41, 43, 46
3.5	Exercises 61, 65, 67, 69, 70, 73, 74, 75, 79, 80, 87, 89, 95
4.2	Exercises 13, 14, 15, 19, 20, 25, 26, 27
4.3	Exercises 33, 34, 45, 46, 49
5.6	Exercises 30, 35, 37, 38, 47, 52, 53, 54, 56, 58
Review Test 1	Exercise 1, 7
Review Test 2	Exercises 1, 2, 4, 5, 7
Handout 2.4 & 2.5	Exercise 1
Handout 2.6	All examples
Handout 2.7	All examples; Exercises 1, 2, 6,
Handout 3.1	All exercises
Handout 3.5	Exercises 1 – 9
Handout 4.2	Exercise 2
Handout 4.3 – 4.6	Exercise 4

### Solving equations, inequalities, and systems of equations

3.3	Exercises 17, 19, 20, 22, 27, 28, 31, 32, 33, 35, 37, 38, 39, 41, 49, 51, 52, 53, 55, 57, 62, 65, 79, 85,
4.2	Exercises 49 – 69
4.3	Exercises 27 – 44
4.4	Exercises 9 – 68 every third
5.2	Exercises 25, 27, 30, 35, 36, 37, 39, 40, 41, 42
Handout Review Chapter 1	Exercises 1, 2, 3, 4
Handout 3.2 & 3.3	Exercises 2, 8, 9, 10, 11, 12, 14, 15, 16
Handout 4.2	Exercise 3
Handout 4.3 – 4.6	Exercises 6, 7
Handout 5.2 & 5.7	Section 5.2 Exercises 6 – 10

### More about functions

2.5	Exercises 6, 7, 14, 15, 47, 49, 50
2.8	Exercises 1 – 8, 11, 13, 23 – 26, 33, 34, 37, 39, 40, 41 – 48, 57, 59, 60, 66, 69, 71
4.1	Exercises 41, 55, 62, 69
4.3	Exercises 59 – 80
Handout 2.4 & 2.5	Exercise 2
Handout 4.3 – 4.6	Exercises 1, 2, 3, 5
Review Test 1	Exercises 3, 6, 9
Review test 2	Exercises 6

### Other topics

5.7	Exercises 24, 33, 36, 37 – 44, 53, 55, 56, 61, 63, 64, 65 – 72, 77, 78
7.1	Exercises 5, 10, 23, 25, 27, 28
7.2	Exercises 7, 8, 13, 16, 23, 43, 45, 47, 49, 50, 59, 60, 69
7.3	Exercises 5, 10, 15, 20, 34, 35, 36, 39, 41 – 47
Handout 5.2 & 5.7	Section 5.7 Exercises 1, 2, 7, 8