

MAC1105 College Algebra - Homework - Falzone

Instructions for Homework Format

1. Start each section on a new page. However, if you wish to save paper, you *may* start a new section on the back side of your homework paper (make a note on the front side of the paper).
2. Place the section number in the upper right hand corner of each page.

HOMEWORK 1 - Chapter 1	
Chapter R (review)	R.1 # 29, 31, 33, 35, 39, 47, 53 R.2 # 7, 11, 15, 23, 29, 65, 75, 83 R.3 # 9, 11, 19, 21, 23, 27, 33, 61, 77, 87 R.4 # 11, 17, 27, 37, 43, 73, 75 R.5 # 5, 9, 13, 17, 23, 27, 31, 37, 49, R.6 # 17, 21, 27, 41, 43, 57, 59, 69, 75
1.1	11, 13, 17, 23, 27, 31, 39, 41, 49, 57, 61, 73, 75, 77, 89, 93
1.3	5, 11, 13, 21, 31, 35, 45, 59, 65, 73, 79, 85
1.4	7, 9, 15, 19, 21, 23, 25, 31, 33, 39, 41, 43, 55, 57, 59, 71, 73, 79, 81, 91
1.5	5, 9, 10, 13, 39, 41, 42
1.6	5, 9, 25, 27, 33, 35, 37, 45, 55, 57, 59, 61, 63, 81, 87, 108
1.7	9, 11, 15, 27, 33, 35, 37, 39, 43, 45, 47, 49, 61, 69, 79, 83
	Graphing Calculator Computations 2 - Worksheet Solving Equations with your Graphing Calculator 2 - Worksheet Solving Equations & Inequalities Review Worksheet Download & Complete Sample Test 1 - Test
Extra Credit: Report, or Video / TED Talks Report - See Projects	

HOMEWORK 2 - Chapter 2	
2.2	9, 10, 11, 17, 18, 19, 20, 21, 23
2.3	15, 17, 19, 23, 27, 35, 39, 43, 45, 47, 55, 71, 89, 91, 93, 99, 111, 113
2.4	37, 39, 41, 51, 65, 67, 79
2.6	9, 10, 11, 12, 13, 14, 15, 17, 19, 21, 63, 77, 95, 96, 98, 99, 100
2.7	7, 11, 17, 19, 20, 21, 25, 47, 49, 53, 54, 55, 56, 57, 61, 67, 89, 91, 93, 95, 101, 105, 107
2.8	9, 11, 15, 33, 35, 37, 47, 49, 51, 53, 55, 57, 99
	Analyze the Graph – Class Worksheet - Worksheet Graphing Transformations 4 - (given the graph of a function, find its equation) - Worksheet Analyze the Graph: $y = - x + 3 + 4$ Template , Example of a similar function Piecewise-Defined Functions 2 - Worksheet FACE - Worksheet Download & Complete Sample Test 2 - Test
Extra Credit: Report, or Video / TED Talks Report, or GRAPH a picture - See Projects	

MAC1105 College Algebra - Homework - Falzone

HOMEWORK 3 - Chapter 3	
3.1	7, 9, 15, 16, 25, 33, 37, 71, 73, 75, 77
3.2	5, 7, 9, 13, 15, 21, 23, 29, 31, 45, 47, 49, 51, 53-58 part C only, 61, 65, 75, 77, 79, 81, 83
3.3	7, 9, 11, 19, 27, 29, 31, 43, 47, 55, 65, 71
3.4	15, 17, 19, 21, 69, 73, 85
3.5	13, 17, 25, 27, 49, 57, 59, 69, 71, 73, 75
3.6	5, 9, 11, 15, 33, 55, 59
	Global Learning Outcome Assessment - Worksheet Factoring a Polynomial by Using Its Graph 2 - Worksheet Factoring Polynomials – Finding Zeros of Polynomials (2 pages) - Worksheet Analyze the Graph: $y = \frac{x + 3}{x - 2}$ Template Download & Complete Sample Test 3 - Test
Extra Credit: Research Report, or Video / TED Talks Report, or GRAPH a picture - See Projects	

HOMEWORK 4 - Chapter 4	
4.1	13, 15, 17, 19, 21, 31, 41, 43, 45, 55
4.2	1, 9, 13, 15, 17, 37, 45, 47, 55, 63
4.3	9, 13, 17, 25, 27, 29, 31, 33, 35, 55, 61, 65, 71 page 442 1-14 h only
4.4	7, 9, 13, 19, 25, 29, 31, 35, 45, 49, 55
4.5	5, 7, 9, 17, 23, 37, 43, 47, 61, 63
4.6	none
	Functions & Inverses - Worksheet Drug Medication - Worksheet Analyze the Graph: $y = \ln(x - 2)$ Template Download & Complete Sample Test 4 - Test
Extra Credit: Research Report, or Video / TED Talks Report, or GRAPH a picture - See Projects and Extra Credit: Chapter 6 - Systems of Linear Equations - Worksheet (10 points)	

End of the Term Grade Calculations

4 Homework Sets	120 pts.	A	558 – 620+ pts
4 Test Scores	400 pts.	B+	527 – 557 pts
Final Exam	100 pts.	B	496 – 526 pts
Final Exam	+ 100 pts.	C+	465 – 495 pts
Total	* 620 pts.	C	434 – 464 pts
Plus Extra Credit	0 – 30 pts.	D+	403 – 433 pts
		D	372 – 402 pts
		F	0 – 371 pts

* I will Drop the lowest score of Test 1, Test 2, Test 3 or half of the Final Exam. (note: You may NOT drop Test 4)

Refer to the **Student Progress Worksheet** for details: [PDF](#) format

10 Assignments per set: 3 pts. per Assignment = 30 pts. per set.