

## COLLEGE ALGEBRA Unit 6 – Systems of Equations 2019-2020

Learning Goals: I can write and solve systems of linear and non-linear equations and linear inequalities in two and three variables. I can write and solve linear programming problems given a real-world situation.

Date	Section	Assignments
Tues 3/24	5.1 Systems of Equations with Substitution. Ex 1	5.1 #1, 2, 4-6, 7, 11, 15
Wed/Thurs 3/25 - 3/26	5.1 Systems of Equations with Elimination. Ex 2 – 4	5.1 #3, 10, 19, 25, 31, 37, 40, 43
Fri 3/27	5.1 Systems with 3 Variables Ex 6	5.1 #47, 51, 67
Mon/Tue 3/30 - 4/1	<b>Late Start AZM2 Write/Read</b> ACT Practice, Timed	
Wed 4/1	<b>Late Start AZM2 Math</b> Go over ACT practice	
Thu 4/2	5.1 Systems with 3 Variables Ex 9	5.1 #26, 57, 102, 105
Fri 4/3	Review	5.1 #9, 13, 17 5.1 #21, 23, 27, 33, 35, 39 5.1 #53, 65 Application problems WS
Mon 4/6	<b>QUIZ 5.1</b>	None
Tues/Wed 4/7 – 4/8	<b>Late Start Pre-ACT/ACT</b>	<b>Late Start Pre-ACT/ACT</b>
Thu 4/9	Solving systems of equations using matrices on the calculator	
Fri 4/10	<b>No School, Spring Holiday</b>	
Mon 4/13	5.5 Non Linear Systems (Linear, quadratic, circles) Ex 1 and 5.5 Worksheet(s)	5.5 #1, 5, 7, 11, 13, 15, 17, 19, 22, 31, 73
Tue 4/14	5.5 Non Linear Systems (Linear, quadratic, circles) 5.5 Worksheet(s)	5.5 #3, 10, 18, 32, 55, 59, 61, 63
Wed/Thurs 4/15 - 4/16	Test Review 5.1 & 5.5	pg 559 #1, 2, 8, 9, 13, 35 pg 509 #30, 38, 39 pg 510 #48, 50
Fri 4/17	<b>TEST Unit 8 5.1, 5.5</b>	

Mon 4/20	5.6 Systems of Inequalities Ex 1, 2	5.6 #1-9 odd, 11-23 EOO, 29-35 odd
Tues 4/21	5.6 Systems of Inequalities Ex 3a (skip absolute value)	5.6 #2-10 even, 30-36 even, 40, 45, 50, 55, 71, 73
Wed/Thu 4/22 – 4/23	5.6 Linear Programming Ex 4	5.6 #77, 78, 83, 84 Use Linear Programming Guide WS
Fri 4/24	5.6 Linear Programming Ex 5, 5.6 #85 <b>Progress Reports</b>	5.6 #87, 90
Mon 4/27	Review 5.6 #88, 89	5.6 #88, 89
Tues 4/28	<b>TEST 5.6</b>	None

Name \_\_\_\_\_ Hour \_\_\_\_\_

My level of effort to learn this material was minimal/OK/awesome (circle one).

I will begin/continue (circle one) the following habit so that I am happy with my next test grade

\_\_\_\_\_.