

Vocabulary:

- System of equations
- Inconsistent
- Consistent
- Independent
- Solution of the system of equations
- Equivalent systems
- Solution of a system of inequalities
- Profit
- linear programming
- objective function
- ordered triples

Lesson	I should be able to...	Samples of the problems
3.1	Solve a system of linear equations by graphing	#3, 5
	Classify a system of equations as independent, dependent, inconsistent	#19, 21
	Based on a story, find a model and solve the problem	#44, 45
3.2	Solving a system of equations by substitution	# 5, 7
	Solving a system of equations by elimination	# 21, 23
	Solving a system with infinitely many or no solutions	#45, 47
	Find a slope of the line when its equation is given in standard form	#33
3.3	Solve the system of linear inequalities by graphing	# 7, 13, 43
	Solve the system of inequalities with absolute value by graphing	#19, 23
3.4	Use linear programming to identify maximum or minimum value of objective function	#7
	Using a story, write an objective function and constraints and solve the problem	#11
3.5	Plot a point in 3-D coordinate space	#1,3
	Sketch a graph of a plane	# 19, 21
3.6	Solve systems of equations with 3 variables by elimination	#5
	Solve systems of equations with 3 variables by substitution	#13
p. 166	Cumulative review	#1-7 odds, #8, 10, 13, 14, 16-27 odds