Foundations of Math & Pre-Calculus 10
Chapter 7 ~ Systems of Linear Equations

Learning Outcomes: Students can	
S2	solve a system of linear equations graphically.
S3	solve a system of linear equations algebraically, using substitution and elimination.

Date	Topic
Monday, May 25	Lesson 7.2 ~ Solving a System of Linear Equations Graphically ("Eggs" worksheet)
Wednesday, May 27	**Quiz 7.2** Lesson 7.4 ~ Using Substitution to Solve a System of Linear Equations ("Ghost" worksheet and pg 425 #19)
Monday, June 1	**Quiz 7.4** Lesson 7.5 ~ Using Elimination to Solve a System of Linear Equations ("Frog" worksheet and pg 437 #12)
Wednesday, June 3	**Quiz 7.5** Review (pg 452 #4, 9b, 10, 11, 15, 16; pg 455 #5)
Monday, June 8	**Chapter 7 Test**

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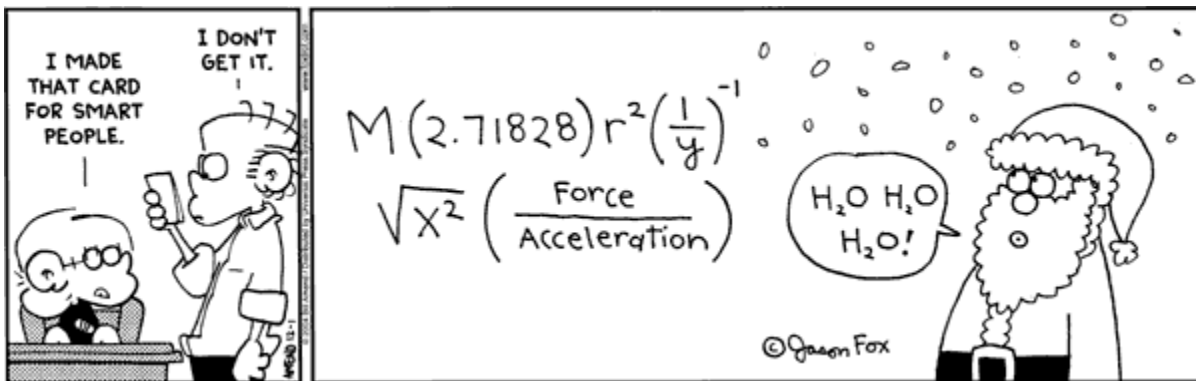
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The work in the following sections is completely optional and will not be tested. Due to our shortened time together, I have selected Lessons 7.2, 7.4, & 7.5 as the most crucial for success in Math 11; those sections will be tested.

The following recommended practice for Lessons 7.1 & 7.6 is only for those who are looking to deepen their understanding of Linear Systems. You may choose to do all of it, some of it, or none of it, and neither your overall grade nor your work ethic will be negatively affected by it. I am simply providing this information for those who enjoy Math and/or want the extra challenge.

Learning Outcomes: Students can	
S1	develop systems of linear equations, and determine the number of solutions.

Date	Topic
Monday, May 25	Lesson 7.1 ~ Developing Systems of Linear Equations (Lesson 7.1 Worksheet)
Wednesday, May 27	
Monday, June 1	Lesson 7.6 ~ Properties of Systems of Linear Equations (pg 448 #5, 7, 9, 10, 11, 19, 20)
Wednesday, June 3	
Monday, June 8	Review (pg 452 #1, 2, 3, 12, 14, 19, 20)

New Vocabulary

Term	Definition	Example
Linear System		
Solving by Substitution		
Solving by Elimination		
*Term	*Definition*	*Example*
*Equivalent Systems		
*Infinite Solutions		
*Coincident Lines		

*indicates terms from optional Lesson 7.1 & 7.6.