

Honors Finite Math - Chapter 2 Systems of Equations

Learning Target Progress Tracking

	Level 1	Level 2	Level 3	Level 4
Learning Target	Understand while teacher is explaining	Can work on my own w/example to follow	Can work a problem similar to one I've seen w/o needing an example	Understand concept/procedure well enough to teach others and to work problems not similar to ones I've seen
LT1: Solve a 2D system of equations using algebra 1-2 techniques (substitution, elimination, graphing).				
LT2: Translate 2D and 3D+ word problems into systems of equations (mixture, investment/interest, transportation/supply, etc.)				
LT3: Solve a 2D/3D+ system of equations by representing the system as an augmented matrix and using Gaussian or Gauss-Jordan elimination (by hand, and using rref).				
LT4: Find the inverse of a matrix and solve a 2D/3D+ system of equations by representing the system as a matrix equation and solving using matrix inverse.				
LT5: Recognize how the final matrix in Gauss-Jordan (rref) may represent a single solution, no solution, or many solutions (and for the many solutions case be able to write both the general solution and list specific solutions). (Consistent vs. inconsistent systems)				
LT6: Perform matrix addition, subtraction, multiplication by scalar, multiplication by matrix with correct order of operations.				
LT7: Solve word problems requiring set up and multiplication or addition or matrices (e.g. factory raw material and cost, or amount spent on clothing with given outfits and prices problems.)				