

3rd Nine Weeks Review

Directions: Use your notes and fellow peers to

Chapter 5 Review Concepts

1. Identify characteristics of the graph of a rational function: intercepts, holes, asymptotes, and describe end behavior.
2. Sketch the graph of a rational function including characteristics.

Chapter 6 Review Concepts

1. Interpret the solution to a Linear system of equations. (3 possibilities)
2. Interpret the solution to a Quadratic system of equations (4 possibilities)
3. Know the 3 Elementary Row Operations
4. Describe Reduced Row Echelon Form of a matrix.
5. Describe/explain the 3 possibilities for a solution to a matrix system.
6. Explain matrix addition/subtraction
7. Explain matrix multiplication
8. Explain scalar multiplication of a matrix
9. Know/explain the process to solve all matrix linear equations of form $AX = B$.
10. Use both methods to find the inverse of a 2×2 Matrix
11. Use Row Operations to find the inverse of a 3×3 Matrix
12. Use the calculator to solve all system/matrices problems and interpret the results.
13. Use the calculator to decrypt a secret message using matrices.
14. Solve a system of linear inequalities
15. Maximize/minimize an objective function using linear programming.