

MA091 Outcomes

1. Students will be able to solve linear equations and inequalities in one variable with rational coefficients.
2. Students will be able to solve literal equations for a specified variable.
3. Students will be able to graph linear equations in two variables on a Cartesian coordinate system.
4. Students will be able to find the slope of a line both graphically and algebraically.
5. Students will be able to find the equation of the line that contains two given points.
6. Students will be able to solve systems of linear equations in two variables.
7. Students will be able to use the laws of exponents for integer exponents.
8. Students will be able to perform basic arithmetic operations with polynomials.
9. Students will be able to factor polynomials.
10. Students will be able to solve quadratic equations in one variable using factoring and the quadratic formula.
11. Students will be able to model real-world applications using linear and quadratic equations and linear systems of equations in two variables.