- 16. Learn about exponents and logarithms and understand how to simplify, add, subtract, and multiply exponential and logarithmic functions.
- 17. Study matrices and determinants and learn how to perform matrix operations such as addition, subtraction, and multiplication.
- 18. Understand the concept of complex numbers and learn how to add, subtract, multiply, and divide complex numbers in standard form.
- 19. Learn about sequences and series and understand how to find the nth term and the sum of a finite or infinite series.
- 20. Study conic sections and learn how to graph parabolas, circles, ellipses, and hyperbolas in standard form.
- 21. Understand the concept of binomial theorem and learn how to expand binomial expressions using the binomial theorem.
- 22. Learn about permutations and combinations and understand how to use the formulas for nPr and nCr to solve counting problems.
- 23. Study inequalities and learn how to graph linear and nonlinear inequalities on a number line and on a coordinate plane.
- 24. Understand the concept of absolute value and learn how to correspond to absolute value equations and inequalities.
- 25. Learn about logarithmic and exponential conditions and understand how to solve them using properties of logarithmic and exponents.
- 26. Study mathematical induction and learn hom to prove statements using the principle of robitematical induction
- 27 Dan object partial fract phrane understand how to decompose a rational function into a sum of simpler fractions.
- 28. Study complex integration and learn how to evaluate real and complex integrals using techniques such as substitution, integration by parts, and partial fractions.
- 29. Understand the concept of limits and learn how to evaluate limits of functions using algebraic and graphical methods.
- 30. Learn about partial derivatives and gradient vectors and understand how to use them to find the rate of change of a function in a specific direction.