
TOPICS FOR MATH PLACEMENT TEST
Engineering and Architecture

1. Basic of Algebra
 - ✓ Exponents
 - ✓ Radicals
 - ✓ Factorization
 - ✓ Algebraic and Fractional Expressions
 - ✓ Algebra of complex numbers
2. Equations and Inequalities
 - ✓ Linear equations and inequalities
 - ✓ Quadratic equations and inequalities
 - ✓ Rational equations and inequalities
 - ✓ Absolute value equations and inequalities
3. Functions
 - ✓ Domain of functions
 - ✓ Linear functions
 - ✓ Quadratic functions
 - ✓ Operations on functions
4. Exponential Functions and Equations
5. Logarithmic Functions and Equations
 - ✓ Domain of logarithmic functions
 - ✓ Logarithmic properties
6. Trigonometry
 - ✓ Trigonometric functions
 - ✓ Trigonometric equations
 - ✓ Trigonometric identities
7. Applications problems Engineering and Architecture related