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TOPICS FOR MATH PLACEMENT TEST  
Engineering and Architecture

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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