

Math Placement Test Review Videos

Pre-Algebra (First 15 Questions)

- Adding, Subtracting, Multiplying, Dividing Integers
 - https://www.youtube.com/watch?v=Fj6_6l1n5AU (Adding Integers)
 - <https://www.youtube.com/watch?v=CWynE4T4-5w> (Subtracting Integers)
 - <https://www.youtube.com/watch?v=GkbXBptFnnw> (Multiplying and Dividing Integers)
- Adding, Subtracting, Multiplying, Dividing Fractions
 - <https://www.youtube.com/watch?v=g45dz11GXrY> (Adding and Subtracting Fractions)
 - <https://www.youtube.com/watch?v=883XUqajQ0c> (Multiplying Fractions)
 - <https://www.youtube.com/watch?v=z4YXSfQTnKo> (Dividing Fractions)
- Adding, Subtracting, Multiplying, Dividing Mixed Numbers
 - https://www.youtube.com/watch?v=TVK_T3TgU5k (Adding Mixed Numbers)
 - <https://www.youtube.com/watch?v=BlmnWXsA4xA> (Subtracting Mixed Numbers)
 - <https://www.youtube.com/watch?v=jPx6D2eShmc> (Multiplying and Dividing Mixed Numbers)
- Using the order of operations to simplify expressions.
 - <https://www.youtube.com/watch?v=WHTBgwBWIF4> (Order of Operations w/integers)
- Solving equations
 - <https://www.youtube.com/watch?v=7T-K-VSJE> (Solving one step equations)
 - <https://www.youtube.com/watch?v=9ITsXICV2u0> (Solving two step equations)
- Simplifying expressions (combining like terms & distributive property)
 - <https://www.youtube.com/watch?v=6wj-H3SZQbQ> (Distributive Property)
 - <https://www.youtube.com/watch?v=C72lpuGQYo4> (Combining Like Terms)
- Writing decimals as fractions
 - <https://www.youtube.com/watch?v=0yYQLZcTEFc> (Converting decimals to fractions)
- Writing and solving linear equations from real-world scenarios
 - <https://www.youtube.com/watch?v=PsDFfvBsl> (Solving Multiple Step Equations)
 - <https://www.youtube.com/watch?v=NI95DpVZX3Q> (Writing variable expressions)
- Comparing fractions
 - <https://www.youtube.com/watch?v=-rE-2wPdD30> (Comparing Fractions)

Pre-College Algebra (Questions 16-30)

- Writing and simplifying algebraic expressions
 - <https://www.youtube.com/watch?v=GSZWYghQhbQ> (Variables and Variable Expressions)
- Solving a system of linear equations
 - <https://www.youtube.com/watch?v=oUC931TcBuw> (Solving a System of Equations with Substitution)
- Finding the slope and y-intercept of a line
 - <https://www.youtube.com/watch?v=eDf9Kxh3XAA> (Graphing a Line in Slope-Intercept Form)

- Finding slope of a line, given two points on the line
 - https://www.youtube.com/watch?v=P1ex_a6iYDo (Finding an Equation if Given Two Points)
- Using a graph to write an equation of a line
 - <https://www.youtube.com/watch?v=GMCNla-5C7o> (Lines in Slope-Intercept Form)
- Solving inequalities
 - <https://www.youtube.com/watch?v=SRxEmmfp7A> (Solving Two Step Inequalities)
- Evaluating algebraic expressions, given variable values
 - <https://www.youtube.com/watch?v=WR-PI9303TE> (Evaluating Algebraic Expressions)
- Simplifying rational expressions
 - <https://www.youtube.com/watch?v=nVri1tpH3cl> (Simplifying Rational Expressions: Monomials)
 - <https://www.youtube.com/watch?v=5CR9rRrsp9o> (Simplifying Rational Expressions)
- Evaluating a function using function values
 - https://www.youtube.com/watch?v=NTmgEF_nZSc (Finding Function Values)
- Solving equations with variables on both sides of the equal sign
 - <https://www.youtube.com/watch?v=xfXGgggJyDE> (Solve an Equation with Variable Terms on Both Sides)
- Multiplying polynomials
 - <https://www.youtube.com/watch?v=W-X4SSeljsY> (Multiplying Binomials)
- Simplifying algebraic expressions including exponents
 - <https://www.youtube.com/watch?v=OGAMbuPJGOY> (Properties of Exponents)

All videos from:

Mathispower4u. YouTube. <https://www.youtube.com/@Mathispower4u>