

ALGEBRA 1 REVIEW FULL LENGTH VIDEOS!

CLT: <https://www.youtube.com/watch?v=RGzelaA7sf0>

Distributive property: https://www.youtube.com/watch?v=Z_1WgmJfAro

Solving Equations Multi-Step: <https://www.youtube.com/watch?v=hwjy7JNtLrA>

Solving Equations VOB: <https://www.youtube.com/watch?v=ku2KKUzx3ZY>

Solving & Graphing Inequalities:

Intro: <https://www.youtube.com/watch?v=6nGxGHVOE4E>

Word Problems: <https://www.youtube.com/watch?v=de0gwFwOINA>

Parent Functions:

Linear: <https://www.youtube.com/watch?v=sw6cv8FbDU8>

Quadratic: <https://www.youtube.com/watch?v=7xAcWkbovbk>

Exponential: <https://www.youtube.com/watch?v=EZ8C6iRlreg>

Domain / range discrete: <https://www.youtube.com/watch?v=5E9tZYpJJYU>

Domain/range table, mapping, and points:

https://www.youtube.com/watch?v=r5_fpUI84gl

Domain/range graphs: https://www.youtube.com/watch?v=1UAKQ_2yfxl

Function Notation: <https://www.youtube.com/watch?v=s4axeIDu4wU>

Evaluating Functions: <https://www.youtube.com/watch?v=EmTvdKkAUtE>

Identifying Functions: <https://www.youtube.com/watch?v=oFwRPH0JrFY>

Lines:

Horizontal/Vertical Lines:

Graphing and Writing Equations:

<https://www.youtube.com/watch?v=TBuC3dEeAxU>

Slopes: <https://www.youtube.com/watch?v=pJIMsrgobgk>

Intercepts: <https://www.youtube.com/watch?v=KtgddI4qIok>

Slope: <https://www.youtube.com/watch?v=x6qIPml2xRI>

Slope-Intercept Form: <https://www.youtube.com/watch?v=xyVJZKu7Euw>

Point-Slope Form: <https://www.youtube.com/watch?v=xf8-BEdoSss>

Direct Variation: https://www.youtube.com/watch?v=Ps_YRWPdkfk

Linear Word Problems:

Writing equations from words:

<https://www.youtube.com/watch?v=9MBTvI-uYXg>

Modeling word problems:

<https://www.youtube.com/watch?v=NBdtKR3btvs>

Word Problems VOBS: <https://www.youtube.com/watch?v=2LZRkjiULRA>

Review of all linear forms and slope:

<https://www.youtube.com/watch?v=Wmi1EysOHUQ>

Linear Functions

Standard form: https://www.youtube.com/watch?v=sF7G0EMR_hw

Parallel lines/Perpendicular lines: https://www.youtube.com/watch?v=ECIjEiIgX_M

Linear Transformation: <https://www.youtube.com/watch?v=XIHsbjEYdlU>

Linear Regression: <https://www.youtube.com/watch?v=gtXAC3DQxC8>

Correlation coefficient: <https://www.youtube.com/watch?v=jf-SIOFUuEo>

Systems:

Graphing a system: <https://www.youtube.com/watch?v=5a6zpf150go>

Substitution for a system: <https://www.youtube.com/watch?v=V7H1oUHXPkg>

Elimination for a system: <https://www.youtube.com/watch?v=8kRG7jIBMAY>

System Word Problems: <https://www.youtube.com/watch?v=il2Mf5706hk>

Systems of Inequalities: <https://www.youtube.com/watch?v=0klWkroviGc>

Quadratics:

Parabola key features/vocab: https://www.youtube.com/watch?v=Vcl_jXaBHXc

Standard form: <https://www.youtube.com/watch?v=BfCyY-ZoA7g>

Vertex form: <https://www.youtube.com/watch?v=vpTvNFXvj38>

Domain/Range: <https://www.youtube.com/watch?v=5ULcxCRaijQ>
<https://www.youtube.com/watch?v=c9fYyLyyfi0>

Solutions by graphing: <https://www.youtube.com/watch?v=PeYeZtRqjIE>

Factoring

GCF: <https://www.youtube.com/watch?v=Y1Vd5wb0rnM>

$a = 1$: <https://www.youtube.com/watch?v=Ikqsi8pA8hI>

$a > 1$: https://www.youtube.com/watch?v=8t-uRyVoq_M

Difference of Perfect Squares:

<https://www.youtube.com/watch?v=IU8qHd1ezMw>

Factored form: <https://www.youtube.com/watch?v=nksUgbQNzfw>

Solutions by Factoring: <https://www.youtube.com/watch?v=SDe-1lGeS0U>

Square root method: <https://www.youtube.com/watch?v=mZs5pQ6gAUQ>

Completing the Square: <https://www.youtube.com/watch?v=oKT-N1xL0Ig>

Converting: <https://www.youtube.com/watch?v=0ru0qr8f3E8>

Quadratic transformations: https://www.youtube.com/watch?v=DrHgyPFR_0s

Quadratic Formula: <https://www.youtube.com/watch?v=W6boAB4wYNM>

Area Model: <https://www.youtube.com/watch?v=OrEEo98tKPs>

Projectiles: <https://www.youtube.com/watch?v=uQNIW-KpQMg>

Exponential Functions

Exponential Function growth & decay:

<https://www.youtube.com/watch?v=VyM7Lk1Z5AI>

Exponential Word Problems: <https://www.youtube.com/watch?v=ihADd5PR0g4>

Exponential Transformations: <https://www.youtube.com/watch?v=C5jnasB2x5Y>

Polynomials

Adding/Subtracting Polynomials:

<https://www.youtube.com/watch?v=egPRVW0jfVw>

Multiplying Polynomials:

FOIL: <https://www.youtube.com/watch?v=K1h8Cy18NpM>

Punnett Square: <https://www.youtube.com/watch?v=mkRQoyJa1sg>

Dividing Polynomials: <https://www.youtube.com/watch?v=znsUfxzpiGE>

Exponent Properties/Rules

Multiplication & Power: <https://www.youtube.com/watch?v=jwxTKnHoEFI>

Negative & Zero: https://www.youtube.com/watch?v=Coy_n9cA3iE

Simplifying Division & Negatives:

<https://www.youtube.com/watch?v=LPAeX2i2j2M>

Rational Exponents & Simplifying Radicals:

<https://www.youtube.com/watch?v=tf2GGfm0zcA>

Sequences

Intro: <https://www.youtube.com/watch?v=ECj5MXvkZT4>

Arithmetic intro: <https://www.youtube.com/watch?v=rtTRJC9iNFA>

Partial Sum Arithmetic: <https://www.youtube.com/watch?v=9dVttnKbJGY>

Arithmetic Means: <https://www.youtube.com/watch?v=jRfo-OwckNI>

Geometric intro: <https://www.youtube.com/watch?v=vLSLTbmN320>

Partial Sum Geometric: <https://www.youtube.com/watch?v=XJ0oVPoEm60>

Geometric Means: <https://www.youtube.com/watch?v=74FhBDFmKjw>

Infinite Sum Geometric: <https://www.youtube.com/watch?v=74FhBDFmKjw>