

MATH LESSON

Unit 1

Exponents

Order of Operations

Divisibility Rules

GCF

LCM

GCF/LCM Word Problems

Unit 2

Multiplying Fractions/Mixed Numbers

Dividing Fractions/Mixed Numbers

Adding/Subtracting Decimals

Multiplying Decimals

Dividing Whole Numbers

Dividing Decimals

Unit 3

Ratios

Tape Diagrams

Ratio Tables

Graphing Ratio Relationships

Rates & Unit Rates

Converting Measures

Unit 4

Converting Percents, Fractions, & Decimals

Comparing/Ordering Percents, Fractions, & Decimals

Solving Percent Problems

Unit 5

Algebraic Expressions

VIDEO LINK(S)

<https://www.youtube.com/watch?v=5w5zPSEwvqw>

<https://youtu.be/3W8SeYgZcMo>

<https://www.youtube.com/watch?v=oYIHLUxzRr8>

<https://youtu.be/4lkq3DgvmJo>

<https://youtu.be/u1JqnEGboLQ>

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

<https://www.youtube.com/watch?v=dlotpOS8NFA>

<https://youtu.be/l4Xt136E1ZQ>

<https://www.youtube.com/watch?v=nHg4RVqQ12E>

https://www.youtube.com/watch?v=0uZiqk_ZdcA

<https://www.youtube.com/watch?v=Si3QFGblan0>

<https://www.youtube.com/watch?v=Qhm7-LEBznk>

<https://www.youtube.com/watch?v=tT9A2jIL1s8>

<https://www.youtube.com/watch?v=k00EPEZn1Eo>

<https://youtu.be/48h5pJskGGI>

Writing Expressions

Combining Like Terms

Properties of Addition/Subtraction

Distributive Property

Factoring Expressions

Unit 6

Solutions of Equations

Writing Equations w/ 1 Variable

Solving Addition/Subtraction Equations

Solving Multiplication/Division Equations

Mixed Equations

Writing Equations w/ 2 Variables (Independent/Dependent Variables)

Unit 7

Area of Parallelograms

Area of Triangles

Area of Trapezoids, Kites, & Composite Figures

3-D Figures

Surface Area of Prisms

Surface Area of Pyramids

Volume of Rectangular Prisms

Unit 8

Integers

Comparing/Ordering Integers

Rational Numbers

<https://youtu.be/DOKiZfX9ePk>

https://youtu.be/o_4MV5Tz7r4

https://youtu.be/C_KffdI34ZU

<https://youtu.be/eNv4fHb7OvU>

<https://youtu.be/OrzF5IDGT9Q>

<https://youtu.be/CTw40jSAUx0>

<https://youtu.be/n99K96Ektqo>

<https://youtu.be/UqY0DDjxLGY>

<https://youtu.be/XPz9jBQqEFg>

<https://youtu.be/69V-GAcXPSI>

<https://youtu.be/3NBWkKVMxDs>

<https://youtu.be/KUnsabZDGzU>

<https://youtu.be/XhBlKqxFu08>

https://youtu.be/RUF_hUAYEIE

https://youtu.be/_hY_Vy-my4Y

https://youtu.be/YiTd_qyyXVk

https://www.youtube.com/watch?v=IA_c39ur9ho&list=PLalV2jiHk8--

<https://youtu.be/uj6k22WubCk>

<https://www.youtube.com/watch?v=Rpkjb4Tx844>

<https://youtu.be/pvMuDPVom7Y>

https://youtu.be/_SIZw5H4dA

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

https://youtu.be/yWD_wpCvFYQ

<https://youtu.be/dCD02kuobnY>

<https://youtu.be/By7sVb2lhFs>

Absolute Value
Coordinate Plane
Polygons on the Coordinate Plane
Writing/Graphing Inequalities

Solving Inequalities

Unit 9

Intro to Statistics

Mean

Measures of Center & Range

Unit 10

Stem & Leaf Plots

Dot Plots

Circle Graphs

Histograms

Shapes of Distribution

Outliers

Choosing Appropriate Measures

Box-and-Whisker Plots

<https://youtu.be/HW6KBYSMIZs>

<https://youtu.be/7Mdkgdk2AVo>

<https://youtu.be/n02r9ZKAi0I>

<https://youtu.be/DGkhPhX8Mhw>

<https://www.youtube.com/watch?v=xj95mYTI9MY>

<https://www.youtube.com/watch?v=YAZjyOcES-4&t=3s>

<https://youtu.be/5C9LBF3b65s>

https://youtu.be/_7m0Q_m2ppg

https://youtu.be/sN1ez_qnBY0

<https://youtu.be/lq6CpefZwAk>

<https://youtu.be/G5vqSr0YRZ8>

<https://youtu.be/2oJldeE4JcU>

https://youtu.be/vcbMinm_1Q8

https://www.youtube.com/watch?v=L1aHrV6O_xc

<https://youtu.be/fJZv9YeQ-qQ>

Updated 10/1/2025

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