

MATATAG → Math → Grade 3

Topic	New File Name	File Type	Level of Skill Progression
Q1			
areas of squares and rectangles	DEV_Video - Find the Area of a Rectangle by Counting Unit Squares	video	Developing
	DEV_Video - Find the Area of a Rectangle by Partitioning It into Arrays of Same Size Squares	video	Developing
	DEV_Discussion Presentation - Area in cm2 and m2	ppt	Developing
	DEV_Discussion Presentation - Word Problems Area of cm2 and m2	ppt	Developing
	DEV_Discussion Presentation - Area Using Grids	ppt	Developing
	DEV_Discussion Presentation - Conversion of Units for Area	ppt	Developing
	DEV_Discussion Presentation - Perimeter and the Concept of Area	ppt	Developing
	DEV_Discussion Presentation - Area of a Square and Rectangle	ppt	Developing
	DEV_Discussion Presentation - Formulas for Area	ppt	Developing
	DEV_Discussion Presentation - Routine and Nonroutine Problems on Area	ppt	Developing
	DEV_Printable Worksheet - Area in cm2 and m2	pdf	Developing
	DEV_Printable Worksheet - Word Problems Area of cm2 and m2	pdf	Developing
	DEV_Printable Worksheet - Area Using Grids	pdf	Developing
	DEV_Printable Worksheet - Conversion of Units for Area	pdf	Developing
	DEV_Printable Worksheet - Perimeter and the Concept of Area	pdf	Developing
	DEV_Printable Worksheet - Area of a Square and Rectangle	pdf	Developing
	DEV_Printable Worksheet - Formulas for Area	pdf	Developing
	DEV_Printable Worksheet - Routine and Nonroutine Problems on Area	pdf	Developing
points, lines, line segments, and rays	BEG_Discussion Presentation - Points, Line Segments, Line, and Rays	ppt	Beginning
	DEV_Video - Finding the Area of a Rectangle Using the Area Formula	video	Developing
	DEV_Printable Worksheet - Points, Line Segments, Line, and Rays		Developing
	PRO_Video - Finding the Area of a Square or Rectangle	video	Proficient

parallel, perpendicular, and intersecting lines	BEG_Discussion Presentation - Intersecting Lines	ppt	Beginning
	DEV_Video - Points, Line Segments, Rays, and Lines in Two-Dimensional Figures	video	Developing
	DEV_Video - Solve Real World Problems by Finding the Area of a Rectangle	video	Developing
	DEV_Video - Tiling the Floor (Multiply Whole-Number Measurements of the Length of the Sides of a Rectangle to Find the Area in the Context of a Real-World Problem)	video	Developing
	DEV_Video - Line Segments, Comparison, and Measurement	video	Developing
	DEV_Video - Identify Points, Lines, Line Segments, and Rays	video	Developing
	DEV_Video - Parallel, Intersection, and Perpendicular Line	video	Developing
	DEV_Video - Identify Parallel, Intersecting, and Perpendicular Lines	video	Developing
	DEV_Discussion Presentation - Perpendicular Lines	ppt	Developing
	DEV_Discussion Presentation - Parallel Lines	ppt	Developing
	DEV_Discussion Presentation - Kinds of Line Pairs	ppt	Developing
	DEV_Discussion Presentation - Line Pairs and Angles in Real Life	ppt	Developing
	DEV_Printable Worksheet - Intersecting Lines	pdf	Developing
	DEV_Printable Worksheet - Perpendicular Lines	pdf	Developing
	DEV_Printable Worksheet - Parallel Lines	pdf	Developing
	DEV_Printable Worksheet - Kinds of Line Pairs	pdf	Developing
	DEV_Printable Worksheet - Line Pairs and Angles in Real Life	pdf	Developing
	PRO_Video - Finding the Area of a Square or Rectangle	video	Proficient
whole numbers up to 10 000	DEV_Video - Numbers and Base-Ten Blocks (Part 1)	video	Developing
	DEV_Discussion Presentation - Counting to 10,000	ppt	Developing
	DEV_Discussion Presentation - Comparing and Ordering Numbers	ppt	Developing
	DEV_Discussion Presentation - Rounding Numbers	ppt	Developing
	DEV_Printable Worksheet - Counting to 10,000	pdf	Developing
	DEV_Printable Worksheet - Comparing and Ordering Numbers	pdf	Developing
	DEV_Printable Worksheet - Rounding Numbers	pdf	Developing

ordinal numbers up to 100th	BEG_Discussion Presentation - Ordinal Numbers	ppt	Beginning
	DEV_Video - Digits and Place Value (Part 1)	video	Developing
	DEV_Video - Understand the Value of a Digit in a Multi-Digit Number	video	Developing
	DEV_Video - Compare Between Two Numbers up to 9999	video	Developing
	DEV_Video - Digits and Place Value (Part 2)	video	Developing
	DEV_Video - Identify the Value of a Digit by Looking at Its Place	video	Developing
	DEV_Video - Reading and Writing Whole Numbers in Words (Number Names)	video	Developing
	DEV_Video - Rearrange a Set of Numbers up to 9999	video	Developing
	DEV_Video - Rounding Numbers_Maths Skills	video	Developing
	DEV_Video - Rounding Whole Numbers Using the Number Line (Part 1)	video	Developing
	DEV_Video - Rounding Whole Numbers Using the Number Line (Part 2)	video	Developing
	DEV_Printable Worksheet - Ordinal Numbers	pdf	Developing

Q2

measures of mass and capacity

BEG_Discussion Presentation - Comparing Things Mass	ppt	Beginning
BEG_Discussion Presentation - Finding the Masses of Things	ppt	Beginning
BEG_Discussion Presentation - Measuring Mass in Grams	ppt	Beginning
BEG_Discussion Presentation - Measuring Capacity	ppt	Beginning
BEG_Discussion Presentation - Measuring Mass in Kilograms	ppt	Beginning
DEV_Video - Find the Mass of an Object Using a Balance Scale	video	Developing
DEV_Video - Measuring Mass in Kilograms	video	Developing
DEV_Video - Measuring Mass Using Grams	video	Developing
DEV_Video - Understand Mass and How Mass Is Measured	video	Developing
DEV_Video - Estimate the Volume of a Liquid	video	Developing
DEV_Video - Find the Volume of Liquids	video	Developing
DEV_Video - How to Measure Volume	video	Developing
DEV_Video - Measuring Liquid Volume	video	Developing
DEV_Discussion Presentation - Understanding Capacity	ppt	Developing
DEV_Discussion Presentation - Comparing Mass	ppt	Developing
DEV_Discussion Presentation - Word Problems - Mass	ppt	Developing
DEV_Discussion Presentation - Word Problems - Capacity	ppt	Developing
DEV_Printable Worksheet - Comparing Things Mass	pdf	Developing
DEV_Printable Worksheet - Finding the Masses of Things	pdf	Developing
DEV_Printable Worksheet - Understanding Capacity	pdf	Developing
DEV_Printable Worksheet - Measuring Mass in Grams	pdf	Developing
DEV_Printable Worksheet - Comparing Mass	pdf	Developing
DEV_Printable Worksheet - Word Problems - Mass	pdf	Developing
DEV_Printable Worksheet - Measuring Capacity	pdf	Developing
DEV_Printable Worksheet - Word Problems - Capacity	pdf	Developing
DEV_Printable Worksheet - Measuring Mass in Kilograms	pdf	Developing

addition and subtraction of numbers of up to 4 digits and money up to ₱10 000	DEV_Video - Add Three and Four 2-Digit Numbers by Making 10s	video	Developing
	DEV_Video - Add Up to Four 2-Digit Numbers by Decomposing (Sums Greater than 100)	video	Developing
	DEV_Video - Add Up to Four 2-Digit Numbers Using the Properties of Addition	video	Developing
	DEV_Video - Adding Multi-Digit Whole Numbers	video	Developing
	DEV_Video - Estimate the Sum	video	Developing
	DEV_Video - Estimating Sums	video	Developing
	DEV_Video - Subtraction with Regrouping (4 Digits)	video	Developing
	DEV_Discussion Presentation - Counting and Comparing Money	ppt	Developing
	DEV_Discussion Presentation - Addition	ppt	Developing
	DEV_Discussion Presentation - Subtraction	ppt	Developing
	DEV_Discussion Presentation - Mental Addition and Subtraction	ppt	Developing
	DEV_Discussion Presentation - Word Problems	ppt	Developing
	DEV_Printable Worksheet - Counting and Comparing Money	pdf	Developing
	DEV_Printable Worksheet - Addition	pdf	Developing
	DEV_Printable Worksheet - Subtraction	pdf	Developing
	DEV_Printable Worksheet - Mental Addition and Subtraction	pdf	Developing
	DEV_Printable Worksheet - Word Problems	pdf	Developing
	PRO_Video - Addition and Subtraction of Large Numbers	video	Proficient

Q3			
data presented in tables and single bar graphs	DEV_Video - Use a Bar Graph to Solve Put Together Problems	video	Developing
	DEV_Video - Create a Bar Graph	video	Developing
	DEV_Video - Read a Bar Graph	video	Developing
	DEV_Video - Use a Bar Graph to Solve Comparison Problems	video	Developing
	DEV_Video - Use a Bar Graph to Solve Take Apart Problems	video	Developing
	DEV_Video - Collecting and Organising Data	video	Developing
	DEV_Discussion Presentation - Tables	ppt	Developing
	DEV_Discussion Presentation - Bar Graphs	ppt	Developing
	DEV_Printable Worksheet - Tables	pdf	Developing
	DEV_Printable Worksheet - Bar Graphs	pdf	Developing
outcomes from experiments and real-life situations	DEV_Video - Probability - Describing Expected Outcomes	video	Developing
	DEV_Discussion Presentation - Probability	ppt	Developing
	DEV_Discussion Presentation - Probability	ppt	Developing
	DEV_Discussion Presentation - Probability	ppt	Developing
	DEV_Printable Worksheet - Probability	pdf	Proficient
	DEV_Printable Worksheet - Probability	pdf	Proficient
	DEV_Printable Worksheet - Probability	pdf	Proficient
multiplication using 6, 7, 8, and 9 multiplication tables	BEG_Video - Times Tables 6, 7, 8, 9 (Multiplication Songs for Kids)	video	Beginning
	DEV_Discussion Presentation - Multiplying by 6, 7, 8, and 9	ppt	Developing
	DEV_Printable Worksheet - Multiplying by 6, 7, 8, and 9	pdf	Developing

properties of multiplication	BEG_Video - The Properties of Multiplication (Song)	video	Beginning
	DEV_Video - Commutative, Associative, and Distributive Properties of Multiplication	video	Developing
	DEV_Discussion Presentation - More Multiplication	ppt	Developing
	DEV_Discussion Presentation - Mental Multiplication	ppt	Developing
	DEV_Discussion Presentation - Word Problems - Multiplication	ppt	Developing
	DEV_Discussion Presentation - Multiples	ppt	Developing
	DEV_Printable Worksheet - More Multiplication	pdf	Developing
	DEV_Printable Worksheet - Mental Multiplication	pdf	Developing
	DEV_Printable Worksheet - Word Problems - Multiplication	pdf	Developing
	DEV_Printable Worksheet - Multiples	pdf	Developing
multiplication of numbers with and without regrouping	DEV_Video - Multiplication by Large Place Values and Their Multiples (Part 1)	video	Developing
	DEV_Video - Multiplication of 2-Digit Numbers by 1-Digit Numbers	video	Developing
	DEV_Video - Multiplying by Multiples of 10	video	Developing
	DEV_Video - Review for You - Solving Multiplication Word Problems	video	Developing
	DEV_Video - Solving Multiplication Word Problems	video	Developing
	DEV_Video - One Digit x Two Three Digits	video	Developing
	DEV_Discussion Presentation - Solving Word Problems Involving Multiplication	ppt	Developing
	DEV_Discussion Presentation - Multiplying Whole Numbers Without Regrouping	ppt	Developing
	DEV_Discussion Presentation - Multiplying Whole Numbers with Regrouping	ppt	Developing
	DEV_Printable Worksheet - Solving Word Problems Involving Multiplication	pdf	Developing
	DEV_Printable Worksheet - Multiplying Whole Numbers Without Regrouping	pdf	Developing
	DEV_Printable Worksheet - Multiplying Whole Numbers with Regrouping	pdf	Developing
estimation of products of two numbers by first rounding to the nearest multiple of 10	DEV_Video - Use Partial Products for Multiplication	video	Developing
	DEV_Video - Solve 2 by 2 Digit Multiplication Problems Using Partial Products	video	Developing
	DEV_Discussion Presentation - Estimating Products	ppt	Developing
	DEV_Discussion Presentation - Multiplying Mentally	ppt	Developing
	DEV_Printable Worksheet - Estimating Products	pdf	Developing
	DEV_Printable Worksheet - Multiplying Mentally	pdf	Developing
determination of missing terms contained in repeating and increasing patterns, and repeating and decreasing patterns	DEV_Video - Repeating Patterns in Math (The Case of the Missing Pattern)	video	Developing
	DEV_Video - Understand Repeating Patterns	video	Developing
	PRO_Video - Patterns	video	Proficient

Q4			
division using the 6, 7, 8, and 9 multiplication tables	DEV_Video - Division and Multiplication	video	Developing
	DEV_Video - Dividing by 6, 7, and 8	video	Developing
	DEV_Video - Dividing by 6 and 7	video	Developing
	DEV_Video - Dividing by 8 and 9	video	Developing
	DEV_Discussion Presentation - Dividing by 6, 7, 8, and 9	ppt	Developing
	DEV_Discussion Presentation - More Division	ppt	Developing
	DEV_Discussion Presentation - Mental Division	ppt	Developing
	DEV_Discussion Presentation - Word Problems - Division	ppt	Developing
	DEV_Printable Worksheet - Dividing by 6, 7, 8, and 9	pdf	Developing
	DEV_Printable Worksheet - More Division	pdf	Developing
	DEV_Printable Worksheet - Mental Division	pdf	Developing
	DEV_Printable Worksheet - Word Problems - Division	pdf	Developing
division of 2- to 4-digit numbers	DEV_Video - Divide by Powers of 10	video	Developing
	DEV_Video - Long Division 1-Digit Divisor, No Remainders	video	Developing
	DEV_Video - Long Division with Remainder (Part 1)	video	Developing
	DEV_Video - Dividing Two-Digit Numbers by One-Digit Numbers with Remainders	video	Developing
	DEV_Video - Long Division (Three-Digit Dividend One-Digit Divisor)	video	Developing
	DEV_Video - Long Division (Two-Digit Dividend) (Part 1)	video	Developing
	DEV_Video - Long Division (Two-Digit Dividend) (Part 2)	video	Developing
	DEV_Video - Represent a Fraction Greater than One Using Area Models	video	Developing
	DEV_Discussion Presentation - Dividing Numbers Without Remainder	ppt	Developing
	DEV_Discussion Presentation - Dividing Numbers with Remainder	ppt	Developing
	DEV_Discussion Presentation - Solving Word Problems Involving Division	ppt	Developing
	DEV_Printable Worksheet - Dividing Numbers Without Remainder	pdf	Developing
	DEV_Printable Worksheet - Dividing Numbers with Remainder	pdf	Developing
	DEV_Printable Worksheet - Solving Word Problems Involving Division	pdf	Developing

estimation of quotients by first rounding the divisor and dividend to the nearest multiple of 10	DEV_Discussion Presentation - Estimating Quotients	ppt	Developing
	DEV_Discussion Presentation - Dividing Whole Numbers Mentally	ppt	Developing
	DEV_Printable Worksheet - Estimating Quotients	pdf	Developing
	DEV_Printable Worksheet - Dividing Whole Numbers Mentally	pdf	Developing
addition and subtraction of similar fractions	DEV_Video - Subtract Fractions with Like Denominators Using an Area Model	video	Developing
	DEV_Video - Adding Fractions Using Area Models	video	Developing
	DEV_Video - Adding Fractions Using Area Models (Example)	video	Developing
	DEV_Discussion Presentation - Fractions Equal to or Greater Than 1	ppt	Developing
	DEV_Printable Worksheet - Fractions Equal to or Greater Than 1	pdf	Developing
	DEV_eContent - Adding and Subtracting Fractions_BU	html	Developing
	DEV_eContent - Adding and Subtracting Fractions_STR	html	Developing
	DEV_eContent - Adding and Subtracting Fractions_MAS	html	Developing
line symmetry	DEV_Discussion Presentation - Identifying Symmetric Figures	ppt	Beginning
	DEV_Discussion Presentation - Completing Symmetric Figures	ppt	Beginning
	DEV_Video - Symmetry and Line of Symmetry	video	Developing
	DEV_Video - Matching Parts of Symmetrical Shapes	video	Developing
	DEV_Printable Worksheet - Identifying Symmetric Figures	pdf	Developing
	DEV_Printable Worksheet - Completing Symmetric Figures	pdf	Developing
resulting figure after a translation	BEG_Video - Transformations Song - Translations, Rotations, Reflections, Dilations	video	Beginning