

Country Countdown

Block Busters

- A. Concept of Addition
- B. Concept of Subtraction
- C. Addition Patterns – Sums of 10 or less
- D. Subtraction Patterns – Differences from 10 or less
- E. Vertical Addition Facts to 10
- F. Vertical Subtraction Facts to 10
- G. Teen Numbers as Tens and Ones
- H. Tens and Ones to 50
- I. Tens and Ones to 100
- J. Mental Math – Add Tens
- K. Add Tens and Ones
- L. Regroup Ones in Addition
- M. Add 2-Digit Numbers
- N. Add 3 Numbers to 99
- O. Mental Math – Subtract Tens
- P. Subtract Tens and Ones
- Q. Regroup Tens in Subtraction
- R. Subtract 2-Digit Numbers
- S. Hundreds, Tens, and Ones to 999
- T. Thousands
- U. Mental Math: Add Hundreds
- V. Add 3-Digit Numbers – Regroup Ones
- W. Add 3-Digit Numbers – Regroup Tens
- X. Mental Math: Subtract Hundreds
- Y. Subtract 3-Digit Numbers – Regroup Tens
- Z. Subtract 3-Digit Numbers – Regroup Hundreds

Counting Critters

- A. Numbers 1-5
- B. Numbers 6-10
- C. Count Sets to 10
- D. Numbers 11-20
- E. Numbers 21-30
- F. Doubles-Facts to 10
- G. Addition Facts to 10
- H. Subtraction Facts to 10
- I. Fact Families to 10
- J. Doubles and Doubles Plus 1 – Fact to 12
- K. Add 3 Numbers to 12
- L. Fact Families to 12

Country Countdown

- M. Addition Facts to 12
- N. Subtraction Facts to 12
- O. Doubles and Doubles Plus 1- Fact to 20
- P. 10 and More
- Q. Make 10 to Add
- R. Add 3 Numbers to 20
- S. Doubles Fact Families to 20
- T. Subtraction Facts to 20
- U. Fact Families to 20
- V. Repeated Addition as Multiplication
- W. Multiply with Arrays
- X. Size of Groups
- Y. Number of Groups
- Z. Multiply with 2 and 5
- AA. Divide by 2 and 5

Harrison's Comparisons

- A. Equal Sets with Numbers to 5
- B. Compare Numbers to 5
- C. Concept of Zero
- D. Compare Sizes of Sets
- E. Measure Weight with Nonstandard Units
- F. Compare Heavier, Lighter, or Same
- G. Compare Weight to 20
- H. Make the Same Number to 20
- I. Compare Numbers to 20
- J. Make the Same Number to 100
- K. Compare $<$, $>$, Numbers to 100
- L. Compare $<$, $>$, Numbers to 1,000
- M. Advanced Comparisons
- N. Review

Clock-a-Doodle-Do

- A. Daily Events: Day/Night
- B. Daily Events: Morning/Afternoon/Evening
- C. Daily Events: More/Less
- D. Daily Events on a Calendar:
Today/Yesterday/Tomorrow
- E. Use a Calendar: Days/Months
- F. Dates on a Calendar
- G. Time to the Hour
- H. Time to the Half Hour

Country Countdown Continued

- I. Time to 5 and 15 Minutes
- J. Time to the Minute
- K. Elapsed Time

White Water Graphing

- A. Read Picture Graphs
- B. Make Picture Graphs
- C. Use Data from a Picture Graph
- D. Make Pictographs
- E. Interpret Data in a Pictograph
- F. Make Bar Graphs
- G. Find Range and Mode
- H. Find the Median
- I. Locate Points on a Grid
- J. Read Line Graphs
- K. Interpret Data in a Line Graph

Fraction Action

Fraction Flare Up

- A. Unit Fractions
- B. Parts of a Whole
- C. Parts of a Group
- D. Equivalent Fractions
- E. Simplest Form
- F. Compare Fractions Using $<$, $>$, or $=$
- G. Add Like Fractions
- H. Subtract Like Fractions
- I. Add Unlike Fractions
- J. Subtract Unlike Fractions
- K. Add and Subtract Unlike Fractions
- L. Tenths and Hundredths
- M. Equivalent Decimals
- N. Relate Fractions and Decimals
- O. Multiply a Fraction by a Fraction
- P. Divide Fractions Review

Fraction Action

Last Chance Canyon

- A. Certain, Impossible, Likely, Unlikely Outcomes
- B. Most Likely, Least Likely, Equally Likely
- C. Possible Outcomes for a Single Event
- D. Predict Probability
- E. Predict Future Events
- F. Probability as a Fraction
- G. Probability as a Fraction-Advanced
- H. Theoretical Probability
- I. Experimental Probability
- J. Predict Probability-Advanced
- K. Compare Probability
- L. Express Probability as Fractions, Decimals, Percents
- M. Compound Events
- N. Probability of Independent Events
- O. Probability of Dependent Events

Number Line Mine

- A. Place Value: Tens, Hundreds, Thousands
- B. Compare Whole Numbers Using $<$, $>$, or $=$
- C. Round Whole Numbers to 10s, 100s, and 1,000s
- D. Multiplication Facts
- E. Locate Equivalent Fractions
- F. Locate Like Mixed Numbers
- G. Locate Unlike Fractions
- H. Locate Unlike Mixed Numbers
- I. Compare Like and Unlike Fractions
- J. Compare Like and Unlike Mixed Numbers
- K. Round Fractions and Mixed Numbers
- L. Multiply a Fraction by a Whole Number
- M. Locate Decimals
- N. Relate Fractions and Decimals
- O. Locate Decimals Greater Than 1
- P. Compare Decimals
- Q. Compare Decimals Greater Than 1
- R. Round Decimals

Fraction Action

Number Line Mine Continued

- S. Locate Positive and Negative Numbers
- T. Compare Positive and Negative Numbers
- U. Locate Rational Numbers as Fractions
- V. Locate Rational Numbers as Decimals
- W. Add and Subtract Integers
- X. Multiply Integers
- Y. Review

Ice Station Exploration

Polar Planes

- A. Line Segments and Endpoints
- B. Angles and Types of Angles
- C. Parallel, Perpendicular, Intersection Line Segments
- D. Name Polygons
- E. Types of Triangles
- F. Classify Triangles
- G. Classify Quadrilaterals
- H. Congruent Figures
- I. Similar Figures
- J. Line of Symmetry
- K. Symmetry
- L. Rotational Symmetry
- M. Slide, Flip, Turn
- N. Tessellations
- O. Draw Tessellations
- P. Perimeter
- Q. Area
- R. Area of Complex Figures
- S. Relate Perimeter and area
- T. Transformations of the Coordinate Plane
- U. Review

Artic Algebra

- A. Missing Addend
- B. Expressions and Number Sentences
- C. Missing Factors

Ice Station Exploration

Artic Algebra

- D. Function Tables
- E. Relate Multiplication and Division
- F. Expressions and Equations
- G. Value of Expressions – Add/Subtract
- H. Value of Expressions – Multiply/Divide
- I. Evaluate Expressions Using Substitution
- J. Input/Output Tables- Add/ Subtract
- K. Input/Output Tables- Multiply/Divide
- L. Input/Output Tables- 2-Step Functions
- M. Divisibility Rules- 2, 3, 5, 9, 10
- N. Divisibility Rules – 4, 6
- O. Prime Factors
- P. Square Numbers
- Q. Order of Operations
- R. Order of Operations – Advanced
- S. Solve Equations Using Mental Math – Add/Subtract
- T. Solve Equations Using Mental Math – Multiply/Divide
- U. Introduction to Exponents
- V. Evaluate Expressions with Exponents
- W. Prime Factors as Exponents
- X. Order of Operations with Exponents
- Y. Solve Addition Equations
- Z. Solve Subtraction Equations
- AA. Solve Multiplication Equations
- BB. Solve Division Equations
- CC. Use Formulas: Perimeter and Area
- DD. Use Formulas: Volume

Frozen Solids

- A. Identify Solid Figures
- B. Combine Solid Figures
- C. Identify Faces of Solids
- D. Identify Edges of Solids
- E. Identify Vertices of Solids
- F. Name Faces of Solids

Ice Station Exploration

Frozen Solids Continued

- G. Identify Faces, Edges, and Vertices of Solids
- H. Nets for Solids
- I. Identify Nets Based on Faces, Edges, and Vertices
- J. Volume
- K. Classify the Polyhedron
- L. Classify the Polyhedron by its Attributes
- M. Different Views of Solid Figures
- N. Review

Linear Lab

- A. Estimate and Measure with Nonstandard Units
- B. Choose the Appropriate Nonstandard Unit
- C. Estimate to the Nearest Inch, $\frac{1}{2}$ Inch
- D. Measure in Inch, $\frac{1}{2}$ Inch
- E. Choose the Appropriate Customary Unit
- F. Measure to the Nearest $\frac{1}{4}$ Inch and $\frac{1}{8}$ Inch
- G. Measure to the Nearest $\frac{1}{16}$ Inch
- H. Estimate and Measure in Centimeters
- I. Choose the Appropriate Metric Unit
- J. Measure to the Nearest Millimeter

Shapes Ahoy

Ship Shapes

- A. Position and Location
- B. Copy and Extend Patterns
- C. Identify and Describe Pattern Units
- D. Extend and Recognize Pattern Units
- E. Correct a Pattern
- F. Transfer Patterns
- G. Identify Circle, Square, Triangle, and Rectangle
- H. Plane Shapes in Different Orientations
- I. Recognize Hexagon, Trapezoid, and Parallelogram
- J. Identify Plane Shapes

Shapes Ahoy

Ship Shapes Continued

- K. Combine and Separate Shapes
- L. Congruent Shapes
- M. Symmetry in the Environment
- N. Symmetry with Shapes
- O. Turns and Slides
- P. Flips
- Q. Fractions with Equal and Unequal Parts
- R. Unit Fractions- Halves and Fourths
- S. Unit Fractions – Halves, Thirds, Fourths, and Eighths
- T. Other Fractions
- U. Equivalent Parts to Make a Whole
- V. Compare Fractions
- W. Perimeter of Shapes
- X. Area of Shapes
- Y. Patterns and Tessellations

Sea Cave Sorting

- A. Sets- Alike or Different
- B. Sort by 1 Attribute
- C. Sort What Doesn't Belong
- D. Sort Numbers to 10
- E. Set Inside a Set
- F. Sort by 2 Attributes
- G. More and Less
- H. Sort Sums and Differences to 12
- I. Sort Solid Figures – Stack, Roll, Slide
- J. Sort Solid Figures, Faces, Edges, Vertices
- K. Sort Plane Shapes
- L. Sort Hexagons, Trapezoids, Parallelograms
- M. Sort Odd and Even Numbers to 100
- N. Intersection Sets
- O. Sort Using Greater Than and Less Than
- P. Advanced
- Q. Review

Shapes Ahoy

Undersea 3D

- A. Match, Cube, Sphere, Cylinder, Cone
- B. Match Solid Figures with Real-Life Objects
- C. Identify Cube, Sphere, Cylinder, and Cone
- D. Match Rectangular Prism and Pyramid to Example
- E. Identify Rectangular Prism and Square Pyramid
- F. Classify Solid Figures
- G. Compare Solid Figures and Plane Shapes
- H. Volume of Shapes
- I. Review

Made to Measure

- A. Compare Length by Direct Comparison
- B. Sort Objects by Lengths
- C. Order Objects by Lengths
- D. Estimate and Measure Length with Nonstandard Units
- E. Compare Lengths Indirectly
- F. Estimate and Measure in Inches
- G. Inch and Foot
- H. Estimate and Measure in Centimeters
- I. Centimeter and Meter
- J. Inch, Foot, Yard

The Number Games

Buggy Bargains

- A. Count Bills and Coins to \$10
- B. Count Bills and Coins to \$99
- C. Use Fewest Coins and Bills
- D. Make Change
- E. Add Two Money Amounts
- F. Add Three Money Amounts
- G. Add Money Amounts to \$999.99
- H. Calculate to Make Change
- I. Add and Subtract Money Amounts
- J. Multiply Money Amounts

The Number Games

Buggy Bargains Continued

- K. Multiply and Make Change
- L. Multiply and Add Money Amounts
- M. Divide Money Amounts
- N. Divide and Make Change
- O. Divide and Add Money Amounts
- P. Multistep Problems
- Q. Sales Tax
- R. Compute Total Cost with Sales Tax
- S. Discount
- T. Compute Total Cost with Discount

Tiny's Think Tank

- A. Place Value of Whole Numbers
- B. Add 3- and 4-Digit Numbers
- C. Subtract 3- and 4-Digit Numbers
- D. Elapsed Time
- E. Time on a Calendar
- F. Multiply by 2-Digit Numbers
- G. Multiply by 3-Digit Numbers
- H. Identify Shapes
- I. Identify Numbers
- J. Geometric Patterns
- K. Number Patterns
- L. Add and Subtract Decimals
- M. Convert Customary Linear Units
- N. Convert Customary Units of Capacity
- O. Convert Customary Units of Weight
- P. Temperature
- Q. Convert Metric Units
- R. Multiply Decimals
- S. Divide Decimals
- T. Identify Numbers - Advanced
- U. Geometric Patterns – Advanced
- V. Number Patterns – Advanced
- W. Add and Subtract Mixed Numbers
- X. Review

The Number Games

Up, Up, and Array

- A. Multiplication Facts to 5s
- B. Multiplication Facts 6, 7, and 8
- C. Multiplication Facts 9 and 10
- D. Multiplication Facts 11 and 12
- E. Division Facts to 5s
- F. Division Facts 6, 7, and 8
- G. Division Facts 9 and 10
- H. Division Facts 11 and 12
- I. Multiply Multiples of 10
- J. Multiply by 1-Digit Numbers
- K. Multiply by 2-Digit Numbers
- L. Division with Remainders
- M. Divide 2 Digits by 1-Digit Numbers
- N. Divide 3 Digits by 1-Digit Numbers
- O. Long Division with 1-Digit Divisors
- P. Zeros in Division
- Q. Divide 2 Digits by 2-Digit Numbers
- R. Divide 3 Digits by 2-Digit Numbers
- S. Long Division with 2-Digit Numbers
- T. Review

Arachna Graph

- A. Interpret Data in a Pictograph
- B. Read Bar Graphs
- C. Make Bar Graphs
- D. Make Double-Bar Graph
- E. Read a Line Plot
- F. Interpret Data in a Line Plot
- G. Locate Points on a Grid
- H. Graph on a Coordinate Plane
- I. Read Line Graphs
- J. Interpret Data in a Line Graph
- K. Double-Line Graphs
- L. Graph Relationships

Numberopolis

Carnival Stories

- A. Addition Stories to 10
- B. Subtraction Stories to 10
- C. Comparison Stories to 10
- D. Choose Addition or Subtraction to 10
- E. Missing Addends to 10
- F. Addition Stories to 12
- G. Subtraction Stories to 12
- H. Missing Addends to 12
- I. Comparison Stories to 12
- J. Choose Addition or Subtraction to 12
- K. Addition Stories to 20
- L. Subtraction Stories to 20
- M. Addition and Subtraction Stories to 20
- N. Missing Addends to 20
- O. Comparison Stories to 20
- P. 2-Digit Addition Stories
- Q. 2-Digit Subtraction Stories
- R. 2-Digit Comparison Stories
- S. Multiplication Stories
- T. Division Stories – Sharing
- U. Division Stories – Separating

Cross Town Number Line

- A. Order Numbers 0-5
- B. Order Numbers 6-10
- C. Order Numbers 10-16
- D. 0 to 10: Count On 1 or 2
- E. 0 to 10: Count Back 1, 2, or 3
- F. 0-12: Count On to Add
- G. 0-12: Count Back to Subtract
- H. 0-20: Count On to Add
- I. 0-20: Count Back to Subtract
- J. 0 to 20: Find Missing Addends
- K. 0-30: Skip Count by 2s, 5s, and 10s
- L. Even/Odd Numbers to 30
- M. 0-30: Count Up/Back 1 or 2
- N. Order Numbers to 100
- O. 0-100: Count Forward/Backward

Numberopolis

Cross Town Number Line Continued

- P. Count 10 More, 10 Less to 100
- Q. 0-100: Skip Count by 2s, 5s, and 10s
- R. 1-100: Skip Count by 3s and 4s
- S. Even/Odd Number Patterns to 100
- T. Compare/Order Numbers to 100
- U. Round Numbers to the Nearest 10
- V. Compare/Order Numbers to 1,000
- W. Skip Count by 25, 50, 100 to 1,000

Lulu's Lunch Counter

- A. Count Pennies to 10¢
- B. Identify Penny, Nickel, Dime and Equivalents
- C. Add Pennies to 10¢
- D. Subtract Pennies from 10¢
- E. Count Groups of Nickels and Pennies
- F. Count Groups of Dimes and Pennies
- G. Count Collections of Dimes, Nickels, and Pennies
- H. Quarters
- I. Half Dollar and Dollar
- J. Make the Same Amount
- K. Count Coins to 99¢
- L. Add Money as Cents with Regrouping
- M. Add Money as Cents with Regrouping
- N. Same Amounts Using Fewest Coins
- O. Compare Amounts
- P. Compare Amounts to Prices
- Q. Subtract Money as Cents
- R. Make Change
- S. Subtract Money as Cents with Regrouping
- T. Money as Dollars and Cents
- U. Add and Subtract Money with Dollars and Cents
- V. Make Equivalent Sets

Wash 'n Spin

- A. Likelihood of a Given Situation
- B. Certain or Impossible Events
- C. Likely and Unlikely
- D. More Likely and Less Likely
- E. Most Likely and Least Likely

Numberopolis

Wash 'n Spin

- F. Possible Outcomes
- G. Equally Likely
- H. Experiments
- I. Predict Outcomes