5th Grade Module 1 QR Codes

Lesson 1

Reason concretely and pictorially using place value understanding to relate adjacent base ten units from millions to thousandths

Lesson 2

Reason abstractly using place value understanding to relate adjacent base ten units from millions to thousandths

Lesson 3

Use exponents to name place value units and explain patterns in the placement of the decimal point

Lesson 4

Use exponents to denote powers of 10 with application to metric conversions.

Lesson 5

Name decimal fractions in expanded, unit, and word forms by applying place value reasoning

Lesson 6

Compare decimal fractions to the thousandths using like units, and express comparisons with >, <, =.

Lesson 7

Round a given decimal to any place using place value understanding and the vertical number line

Lesson 8

Round a given decimal to any place using place value understanding and the vertical number line

Lesson 9

Add decimals using place value strategies and relate those strategies to a written method

Lesson 10

Subtract decimals using place value strategies and relate those strategies to a written method

Lesson 11

Multiply a decimal fraction by single-digit whole numbers, relate to a written method through application of the area model and place value understanding, and explain the reasoning used

Lesson 12

Multiply a decimal fraction by single-digit whole numbers, including using estimation to confirm the placement of the decimal point

Lesson 13

Divide decimals by single-digit whole numbers involving easily identifiable multiples using place value understanding and relate to a written method

Lesson 14

Divide decimals with a remainder using place value understanding and relate to a written method

Lesson 15

Divide decimals using place value understanding including remainders in the smallest unit

Lesson 16

Solve word problems using decimal operations

5th Grade Module 2 QR Codes

Lesson 1

Multiply multi-digit whole numbers and multiples of 10 using place value patterns and the distributive and associative properties

Lesson 2

Estimate multi-digit products by rounding factors to a basic fact and using place value patterns.

Lesson 3

Write and interpret numerical expressions, and compare expressions using a visual model.

Lesson 4

Convert numerical expressions into

OMIT

Lesson 5

Connect visual models and the distributive property to partial products of the standard algorithm without renaming

Lesson 6

Connect area models and the distributive property to partial products of the standard algorithm with renaming

Lesson 7

Connect area models and the distributive property to partial products of the standard algorithm with renaming

Lesson 8

Fluently multiply multi-digit whole numbers using the standard algorithm and using estimation to check for reasonableness of the product

Lesson 9

Fluently multiply multi-digit whole numbers using the standard algorithm to solve multi-step word problems

Lesson 10

Multiply decimal fractions with tenths by multi-digit whole numbers using place value understanding to record partial products

Lesson 11

Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal

Lesson 12

Reason about the product of a whole number and a decimal with hundredths using place value understanding and estimation

Lesson 13

Use whole number multiplication to express equivalent measurements

Lesson 14

Use fraction and decimal multiplication to express equivalent measurements

Lesson 15

Solve two-step word problems involving measurement conversions

Lesson 16

Use *divide by 10* patterns for multi-digit whole number division

Lesson 17

Use basic facts to approximate quotients with two-digit divisors.

Lesson 18

Use basic facts to approximate quotients with two-digit divisors.

Lesson 19

Divide two- and three-digit dividends by multiples of 10 with single-digit quotients, and make connections to a written method

Lesson 20

Divide two- and three-digit dividends by two-digit divisors with single-digit quotients, and make connections to a written method

Lesson 21

Divide two- and three-digit dividends by two-digit divisors with single-digit quotients, and make connections to a written method

Lesson 22

Divide three- and four-digit dividends by two-digit divisors resulting in two- and three-digit quotients, reasoning about the decomposition of successive remainders in each place value

Lesson 23

Divide three- and four-digit dividends by two-digit divisors resulting in two- and three-digit quotients, reasoning about the decomposition of successive remainders in each place value

Lesson 24

Divide decimal dividends by multiples of 10, reasoning about the placement of the decimal point and making connections to a written method

5th Grade Module 2 QR Codes

Lesson 25

Use basic facts to approximate decimal quotients with two-digit divisors, reasoning about the placement of the decimal point

Lesson 26

Divide decimal dividends by two-digit divisors, estimating quotients, reasoning about the placement of the decimal point, and making connections to a written method

Lesson 27

Divide decimal dividends by two-digit divisors, estimating quotients, reasoning about the placement of the decimal point, and making connections to a written method

Lesson 28

Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown

Lesson 29

Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown

5th Grade Module 3 QR Codes

Lesson 1

Make equivalent fractions with the number line, the area model, and numbers

Lesson 2

Make equivalent fractions with sums of fractions with like denominators

Lesson 3

Add fractions with unlike units using the strategy of creating equivalent fractions

Lesson 4

Add fractions with sums between 1 and 2

Lesson 5

Subtract fractions with unlike units using the strategy of creating equivalent fractions

Lesson 6

Subtract fractions from numbers between 1 and 2

Lesson 7

Solve two-step word problems

Lesson 8

Add fractions to and subtract fractions from whole numbers using equivalence and the number line as strategies

Lesson 9

Add fractions making like units numerically

Lesson 10

Add fractions with sums greater than 2

Lesson 11

Subtract fractions making like units numerically

Lesson 12

Subtract fractions greater than or equal to 1

Lesson 13

Use fraction benchmark numbers to assess reasonableness of addition and subtraction equations

Lesson 14

Strate- OMIT gize to solve multi-

Lesson 15

Solve multi-step word problems; assess reasonableness of solutions using benchmark numbers.

Lesson 16

Explore part-to- whole OMIT rela-

5th Grade Module 4 QR Codes

Lesson 1

Measure and compare pencil lengths to the nearest half, quarter, and eighth of an inch, and analyze the data through line plots

Lesson 2

Interpret a fraction as division

Lesson 3

Interpret a fraction as division

Lesson 4

Use tape diagrams to model fractions as division

Lesson 5

Solve prob- OMIT word lems involv- ing the

Lesson 6

Relate fractions as division to fraction of a set

Lesson 7

Multiply any whole number by a fraction using tape diagrams

Lesson 8

Relate a fraction of a set to the repeated addition interpretation of fraction multiplication

Lesson 9

Find a fraction of a measurement, and solve word problems

Lesson 10

Compare and evaluate expressions with parentheses .

Lesson 11

Solve and create fraction word problems involving addition, subtraction, and multiplication

Lesson 12

Solve and create fraction word problems involving addition, subtraction, and multiplication

Lesson 13

Multiply unit fractions by unit fractions

Lesson 14

Multiply unit fractions by non-unit fractions

Lesson 15

Multiply non-unit fractions by non-unit fractions

Lesson 16

Solve word problems using tape diagrams and fraction-by-fraction multiplication

Lesson 17

Relate decimal and fraction multiplication

Lesson 18

Relate decimal and fraction multiplication

Lesson 19

Convert measures involving whole numbers, and solve multi-step word problems

Lesson 20

Convert mixed unit measurements, and solve multi-step word problems.

Lesson 21

Explain the size of OMIT the prod- uct,

Lesson 22

Compare the size of the product to the size of the factors

Lesson 23

Compare the size of the product to the size of the factors

Lesson 24

Solve word problems using fraction and decimal multiplication

5th Grade Module 4 QR Codes

Lesson 25

Divide a whole number by a unit fraction

Lesson 26

Divide a unit fraction by a whole number

Lesson 27

Solve problems involving fraction division

Lesson 28

Write equations and word problems OMIT corresponding

Lesson 29

Connect division by a unit fraction to division by 1 tenth and 1 hundredth

Lesson 30

Divide decimal dividends by non-unit decimal divisors

Lesson 31

Divide decimal dividends by non-unit decimal divisors

Lesson 32

Interpret and evaluate numerical expressions including the language of scaling and fraction division

Lesson 33

Create continuous OMIT story texts for numerical

5th Grade Module 5 QR Codes

Lesson 1

Explore volume by building with and counting unit cubes

Lesson 2

Find the volume of a right rectangular prism by packing with cubic units and counting

Lesson 3

Compose and decompose right rectangular prisms using layers

Lesson 4

Use multiplication to calculate volume

Lesson 5

Use plication connect OMIT multi- to vol-

Lesson 6

Find the total volume of solid figures composed of two non-overlapping rectangular prisms

Lesson 7

Solve word problems involving the volume of rectangular prisms with whole number edge lengths

Lesson 8

Apply cepts formu- OMIT con- and las of

Lesson 9

Apply cepts for- OMIT con- and mulas of

Lesson 10

Find the area of rectangles with whole-by-mixed and whole-by-fractional number side lengths by tiling, record by drawing, and relate to fraction multiplication

Lesson 11

Find the area of rectangles with mixed-by-mixed and fraction-by-fraction side lengths by tiling, record by drawing, and relate to fraction multiplication.

Lesson 12

Measure find the OMIT to area

Lesson 13

Mul- num- OMIT tiply mixed ber

Lesson 14

Solve real problems ing area OMIT -world involv- of

Lesson 15

Solve real- problems ing area of OMIT world involv- figures

Lesson 16

Draw trapezoids to clarify their attributes, and define trapezoids based on those attributes

Lesson 17

Draw parallelograms to clarify their attributes, and define parallelograms based on those attributes

Lesson 18

Draw rectangles and rhombuses to clarify their attributes, and define rectangles and rhombuses based on those attributes

Lesson 19

Draw kites and squares to clarify their attributes, and define kites and squares based on those attributes

Lesson 20

Classify two-dimensional figures in a hierarchy based on properties

Lesson 21

Draw identi- OMIT and fy

5th Grade Module 6 QR Codes

Lesson 1

Construct a coordinate system on a line

Lesson 2

Construct a coordinate system on a plane.

Lesson 3

Name points using coordinate pairs, and use the coordinate pairs to plot points

Lesson 4

Name points OMIT using

Lesson 5

Inves- in OMIT tigate patterns vertical

Lesson 6

Investi- patterns vertical OMIT gate in and

Lesson 7

Plot points, use them to draw lines in the plane, and describe patterns within the coordinate pairs

Lesson 8

Generate a number pattern from a given rule, and plot the points

Lesson 9

Generate two number patterns from given rules, plot the points, and analyze the patterns

Lesson 10

Compare the lines and patterns generated by addition rules and multiplication rules

Lesson 11

Analyze number patterns created from mixed operations

Lesson 12

Create a rule to generate a number pattern, and plot the points

Lesson 13

Con- parallel OMIT struct line

Lesson 14

Con- parallel seg- OMIT struct line ments,

Lesson 15

Construct OMIT per-

Lesson 16

Con- per- OMIT struct

Lesson 17

Draw metric using OMIT sym- figures dis-

Lesson 18

Draw symmetric figures on the coordinate plane

Lesson 19

Plot data on line graphs and analyze trends

Lesson 20

Use nate OMIT coordi- sys-

There were no videos available for Lessons 21-34.