Lesson 1.1 ESSENTIAL QUESTION:

How can making a list help you solve a problem?

Lesson 1.2 ESSENTIAL QUESTION:

How can you represent 3-digit numbers in different ways?

Lesson 1.3 ESSENTIAL QUESTION:

How can you represent 4-digit numbers in different ways?

Lesson 1.4 ESSENTIAL QUESTION:

What are some ways you can read and write numbers?

Lesson 1.5 ESSENTIAL QUESTION:

What patterns can you use with place value?

Lesson 1.6 ESSENTIAL QUESTION:

How can you estimate sums using rounding and compatible numbers?

Lesson 1.7 ESSENTIAL QUESTION:

How can you use different strategies to add 4-digit numbers?

Lesson 1.8 ESSENTIAL QUESTION:

How is adding 5- and 6-digit numbers like adding 4-digit numbers?

Lesson 1.9 ESSENTIAL QUESTION:

How can you estimate differences by using rounding and compatible numbers?

Lesson 1.10 ESSENTIAL QUESTION:

How can you use different strategies to subtract 4-digit numbers?

Lesson 1.11 ESSENTIAL QUESTION:

How is subtracting 5- and 6-digit numbers like subtracting 4-digit numbers?

Lesson 1.12 ESSENTIAL QUESTION:

How can you recognize which operation to choose to solve a problem?

Lesson 2.1 ESSENTIAL QUESTION:

What are ways you can collect and organize data?

Lesson 2.2 ESSENTIAL QUESTION:

How can making a table help you solve a problem?

Lesson 2.3 ESSENTIAL QUESTION:

How do you read a pictograph in which each symbol equals 1?

Lesson 2.5 ESSENTIAL QUESTION:

How do you make a pictograph?

Lesson 2.6 ESSENTIAL QUESTION:

How do you read data in a bar graph?

Lesson 2.7 ESSENTIAL QUESTION:

How do you read data in a bar graph in which the space between the numbers equals more than 1?

Lesson 2.8 ESSENTIAL QUESTION:

How can you make a bar graph show data?

Lesson 2.9 ESSENTIAL QUESTION:

How do you read data shown in a line plot?

Lesson 2.10 ESSENTIAL QUESTION:

How do you make a line plat from data in a table?

Lesson 3.1 ESSENTIAL QUESTION:

How can you use equal groups to find how many in all?

Lesson 3.2 ESSENTIAL QUESTION:

How is multiplication like addition? How is it different?

Lesson 3.3 ESSENTIAL QUESTION:

How is multiplying by 2 related to addition?

Lesson 3.4 ESSENTIAL QUESTION:

How does multiplying with 2 help you multiply with 4?

Lesson 3.5 ESSENTIAL QUESTION:

How can drawing a diagram help you solve a problem?

Lesson 3.6 ESSENTIAL QUESTION:

How can I use arrays to model multiplication?

Lesson 3.7 ESSENTIAL QUESTION:

How can you use the Commutative Property to find products?

Lesson 3.8 ESSENTIAL QUESTION:

What happens when you multiply a number by 0?

Lesson 3.9 ESSENTIAL QUESTION:

How can you multiply with 5 as a factor?

Lesson 4.1 ESSENTIAL QUESTION:

How can models help you find the product when multiplying with 3?

Lesson 4.2 ESSENTIAL QUESTION:

What are some ways to model multiplying with 6?

Lesson 4.3 ESSENTIAL QUESTION:

Why is the Associative Property also called the Grouping Property?

Lesson 4.4 ESSENTIAL QUESTION:

What other ways besides a tree diagram can you use to find the number of combinations?

Lesson 4.5 ESSENTIAL QUESTION:

How can you use the Distributive Property to find products?

Lesson 4.6 ESSENTIAL QUESTION:

What strategies can you use to multiply with the factor 8?

Lesson 4.7 ESSENTIAL QUESTION:

How does making a table help you solve problems?

Lesson 4.8 ESSENTIAL QUESTION:

What patterns help you multiply with the factor 9?

Lesson 4.9 ESSENTIAL QUESTION:

How can you multiply with the factor 7?

Lesson 4.10 ESSENTIAL QUESTION:

How can you use an array or a multiplication table to find missing factors?

Lesson 4.11 ESSENTIAL QUESTION:

How can you use the Identity, Zero, Commutative, Distributive, and Associative Properties of Multiplication to find products?

Lesson 5.1 ESSENTIAL QUESTION:

How can you model a division problem to find how many in each group?

Lesson 5.2 ESSENTIAL QUESTION:

How can you model a division problem to find how many equal groups?

Lesson 5.3 ESSENTIAL QUESTION:

What does dividing by 2 mean?

Lesson 5.4 ESSENTIAL QUESTION:

What does dividing by 5 mean?

Lesson 5.5 ESSENTIAL QUESTION:

How is division related to subtraction?

Lesson 5.6 ESSENTIAL QUESTION:

How can you use arrays to solve division problems?

Lesson 5.7 ESSENTIAL QUESTION:

How can you use manipulatives to solve problems?

Lesson 5.8 ESSENTIAL QUESTION:

How can you use multiplication to divide?

Lesson 5.9 ESSENTIAL QUESTION:

How do fact families relate multiplication and division?

Lesson 6.1 ESSENTIAL QUESTION:

What strategies can you use to divide by 3?

Lesson 6.2 ESSENTIAL QUESTION:

What strategies can you use to divide by 4?

Lesson 6.3 ESSENTIAL QUESTION:

What are the rules for dividing with 1 and 0?

Lesson 6.4 ESSENTIAL QUESTION:

What strategies can you use to divide by 6?

Lesson 6.5 ESSENTIAL QUESTION:

What strategies can you use to divide by 7?

Lesson 6.6 ESSENTIAL QUESTION:

What strategies can you use to divide by 8?

Lesson 6.7 ESSENTIAL QUESTION:

What strategies can you use to divide by 9?

Lesson 6.8 ESSENTIAL QUESTION:

How can you use the strategy “act it out” to solve problems?

Lesson 7.1 ESSENTIAL QUESTION:

What are equal parts of a whole?

Lesson 7.2 ESSENTIAL QUESTION:

Why do you need to know how to make equal shares?

Lesson 7.3 ESSENTIAL QUESTION:

What do the top and bottom numbers of a fraction tell?

Lesson 7.4 ESSENTIAL QUESTION:

How can you show a fraction as part of a whole?

Lesson 7.5 ESSENTIAL QUESTION:

When do you use fractions greater than 1?

Lesson 7.6 ESSENTIAL QUESTION:

How can you show a fraction as part of a group?

Lesson 7.7 ESSENTIAL QUESTION:

How can you use a fraction to find part of a group?

Lesson 7.8 ESSENTIAL QUESTION:

How can you use the strategy “draw a diagram” to solve problems?

Lesson 7.9 ESSENTIAL QUESTION:

How can you use a unit fraction to find the whole group?

Lesson 7.10 ESSENTIAL QUESTION:

How can you use a fraction to find the whole group?

Lesson 8.1 ESSENTIAL QUESTION:

How do you compare fractions by using manipulatives?

Lesson 8.2 ESSENTIAL QUESTION:

How can you use benchmarks and strategies to compare fractions?

Lesson 8.3 ESSENTIAL QUESTION:

How does the number of fraction parts relate to the size of each part?

Lesson 8.4 ESSENTIAL QUESTION:

How do you compare fractions, including fractions greater than 1, by using strategies?

Lesson 8.5 ESSENTIAL QUESTION:

How do you order fractions less than and greater than 1?

Lesson 8.6 ESSENTIAL QUESTION:

How can you find equivalent fractions by paper folding?

Lesson 8.7 ESSENTIAL QUESTION:

How can you use models to name equivalent fractions, including fractions greater than 1?

Lesson 9.1 ESSENTIAL QUESTION:

What are some properties of two-dimensional shapes?

Lesson 9.2 ESSENTIAL QUESTION:

How can you tell whether a plane shape is or is not a polygon?

Lesson 9.3 ESSENTIAL QUESTION:

How do you describe and classify polygons?

Lesson 9.4 ESSENTIAL QUESTION:

How can you describe and classify angles?

Lesson 9.5 ESSENTIAL QUESTION:

How can you identify pairs of parallel sides in polygons?

Lesson 9.6 ESSENTIAL QUESTION:

What are the ways to describe, classify, and compare triangles?

Lesson 9.7 ESSENTIAL QUESTION:

How can you describe, classify, and compare quadrilaterals?

Lesson 9.8 ESSENTIAL QUESTION:

How can you solve problems by using the strategy “search for patterns”?

Lesson 10.1 ESSENTIAL QUESTION:

How can you combine plane shapes to make new shapes?

Lesson 10.2 ESSENTIAL QUESTION:

How can you separate plane shapes to make new shapes?

Lesson 10.3 ESSENTIAL QUESTION:

How can you use plane shapes to find patterns?

Lesson 10.4 ESSENTIAL QUESTION:

How can you transform combined plane shapes to make new shapes?

Lesson 10.5 ESSENTIAL QUESTION:

How can you identify two-dimensional congruent shapes?

Lesson 10.6 ESSENTIAL QUESTION:

How can you draw two-dimensional congruent shapes?

Lesson 10.7 ESSENTIAL QUESTION:

How can you identify which two-dimensional shapes have symmetry?

Lesson 10.8 ESSENTIAL QUESTION:

Can you find more than 1 line of symmetry in some two-dimensional shapes?

Lesson 10.9 ESSENTIAL QUESTION:

How can you draw two-dimensional shapes with a line of symmetry?

Lesson 10.10 ESSENTIAL QUESTION:

How can you solve problems by using the strategy “draw a diagram”?

Lesson 11.1 ESSENTIAL QUESTION:

How do you know which customary unit to use to measure the length of an object or a distance?

Lesson 11.2 ESSENTIAL QUESTION:

How can you measure length to the nearest half inch?

Lesson 11.3 ESSENTIAL QUESTION:

How can you measure length to the nearest quarter inch?

Lesson 11.4 ESSENTIAL QUESTION:

How do you know which metric unit to use to measure the length of an object or distance?

Lesson 11.5 ESSENTIAL QUESTION:

How can you estimate and measure the length of your desk to the nearest centimeter, decimeter, and meter?

Lesson 11.6 ESSENTIAL QUESTION:

How can you find perimeter?

Lesson 11.7 ESSENTIAL QUESTION:

How can you estimate and measure perimeter?

Lesson 11.8 ESSENTIAL QUESTION:

How can you find the perimeter of shapes?

Lesson 11.9 ESSENTIAL QUESTION:

How can you solve problems by finding a pattern?

Lesson 12.1 ESSENTIAL QUESTION:

How can you read, write and tell time on analog and digital clocks to the nearest hour, half hour, and quarter hour?

Lesson 12.2 ESSENTIAL QUESTION:

How can you tell time to the nearest minute?

Lesson 12.3 ESSENTIAL QUESTION:

How can you tell the difference between time in the A.M. and time in the P.M.?

Lesson 12.4 ESSENTIAL QUESTION:

How can you use an open time line to measure elapsed time in hours and minutes?

Lesson 12.5 ESSENTIAL QUESTION:

How does acting it out help you solve elapsed time problems?

Lesson 12.6 ESSENTIAL QUESTION:

How can you find elapsed time on a calendar?

Lesson 12.7 ESSENTIAL QUESTION:

How can a time line help you find elapsed time in years?