
composition of 1 liter to composition of 1 thousand
10/11/2022 Lesson 6: Use all four operations to solve one-step word problems involving liquid volume. 10/12/2022 Lesson 7: Solve one-step word problems using metric units.

## Topic A: Quiz

## Topic B: Rounding to the nearest ten and hundred

2 Lesson 8: Read temperature on a thermometer using number line concepts
10/14/2022 Lesson 9: Round two-digit numbers to the nearest ten on the vertical number line
10/17/2022 Lesson 10: Round two- and three, digit numbers to the nearest ten on the vertical number line.
10/18/2022 Lesson 11: Round to the nearest hundred on the vertical number line
10/19/22 Lesson 12: Estimate sums and differences by rounding.

## Topic B Quiz

Topic C: Simplifying Strategies to Find Sums and Differences
10/24/2022 Lesson 13: Collect and represent data in a scaled bar graph and solve related problems.
10/25/2022 Lesson 14: Use place value understanding to add and subbract like units
10/26/2022 Lesson 15: Use the associative property to make the next ten to add.
10/27/2022 Lesson 16: Use compensation to add.
10/28/2022 Lesson 17: Use place value understanding to subtract efficiently using take from a ten. 10/28/2022 Lesson 18: Use place value understanding to subtract efficiently using take from a hundred. 10/31/2022 Lesson 19: Use compensation to subtract

## Topic C Quiz

## Topic D: Two-and Three Digit Measurement Addition and Subtraction

11/1/2022 Lesson 20: Add measurements using the standard algorithm to compose larger units once. 11/2/2022 Lesson 21: Add measurements using the standard algorithm to compose larger units twice. 11/3/2022 Lesson 22: Subtract measurements using the standard algorithm to decompose larger units once. 11/4/2022 Lesson 23: Subtract measurements using the standard algorithm to decompose larger units twice. 11/7/2022 Lesson 24: Subtract measurements using the standard algorithm to decompose larger units across two place values.
11/8/2022 Lesson 25: Solve two-step word problems. 11/9/2022 End of Module 2 Assessment

Module 3 Multiplication and Division with Unites of $0,1,6,7,8$, and 9 .
Topic A: Multiplication and Divison Concepts with an Emphasis on Units of 6 and 8
11/10/2022 Lesson 1: Organize, count, and represent a collection of objects.
11/11/2022 Lesson 2: Count by units of 6 to multiply and divide by using arrays.
11/14/2022 Lesson 3: Count by units of 8 to multiply and divide by using arrays.
11/15/2022 Lesson 4: Decompose pictorial arrays to create expressions with three factors.
11/16/2022 Lesson 5: Use the break apart and distribute strategy to multiply with units of 6 and 8 .
11/17/2022 Lesson 6: Use the break apart and distribute strategy to divide with units of 6 and 8
Topic A Quiz
Topic B: Multiplication and Division Concepts with an Emphasis on the Unit of 7
11/18/2022 Lesson 7: Count by units of 7 to multiply and divide by using arrays and tape diagrams.
11/21/2022 Lesson 8: Use the break apart and distribute strategy to multiply with units of 7 .
11/22/2022 Lesson 9: Model the associative property as a strategy to multiply
11/28/2022 Lesson 10: Use parentheses in expressions with different operations.
11/29/2022 Lesson 11: Use the break apart and distribute strategy to divide with units of 7

## Topic B Quiz

## Topic C: Analysis of Patterns Using Units of 9,0 , and 1

11/30/2022 Lesson 13: Count by units of 9 to multiply.
12/1/2022 Lesson 14: Apply strategies and identify patterns to multiply with units of 9 .
12/5/2022 Lesson 15: Reason about and explain patterns of multiplication and division with units of 1 and 0 . 2/6/2022 Lesson 16: Identify patterns by using the multiplication table.
127/2022 Lesson 17: Identify and complete patterns with input-output tables
218/2022 Lesson 18: Create multiplication and division word problems.
12/9/2022 Lesson 19: Solve two-step word problems by using the four operations and assess the reasonableness of solutions
3.MD.A.2, MP3, 3.Mod2.AD
3.MD.A.2, MP1, 3.Mod2.AD5

3NBT.A.1, MP5, 3.Mod2.AD
3.NBT.A.1, MP2, 3.Mod2.AD1
3.NBT.A.1, MP8, 3.Mod2.AD1
3.NBT.A.1, MP7, 3.Mod2.AD1
3.NBT.A.1, 3.NBT.A.2, MP6, 3.Mod2.AD1, 3.Mod2.AD2

3MDB MP2 3 Mod2 AD6 3 Mod2 AD7
3.NBT.A.2, MP7, 3.Mod2.AD2
3.NBT.A.2, MP3, 3.Mod2.AD2
3.NBT.A.2, MP5, 3.Mod2.AD2
3.NBT.A.2, MP6, 3.Mod2.AD2 3.NBT.A.2, MP7, 3.Mod2.AD2 3.NBT.A.2, MP2, 3.Mod2.AD2
3.NBT.A.2, MP4, 3.Mod2.AD2 3.NBT.A.2, MP5, 3.Mod2.AD2 3.NBT.A.2, MP1, 3.Mod2.AD2 3.NBT.A.2, MP6, 3.Mod2.AD2 3.NBT.A.2, MP3, 3.Mod2.AD2
3.OA.D.8, MP1, 3.Mod2.AD9
3.OA.B.5, 3.OA.C.7, MP3, 3.Mod3.AD5, 3.Mod3.AD8
3.OA.A.3, 3.OA.A. 4 3.OA.B.6, MP2, 3.Mod3.AD3, 3.Mod3.AD4, 3.Mod3.AD7
3.OA.A.4 3.OA.B.5, MP2, 3.Mod3.AD4, 3.Mod3.AD5
3.OA.B.5, MP7, 3.Mod3.AD
3.OA.B.5, MP6, 3.Mod3.AD
3.OA.B.5, MP3, 3.Mod3.AD
3.OA.A.3, 3.OA.A.4, 3.OA.B.6, MP5, 3.Mod1.AD7, 3.Mod3.AD3, 3.Mod3.AD4
3.OA.A.3, 3.OA.B.5, MP2, 3.Mod3.AD3, 3.Mod3.AD5
3.OA.B.5, MP7, 3 Mod3.AD7
3.OA.B.5, MP6, 3.Mod3.AD7
3.OA.B.5, MP3, 3.Mod3.AD
3.OA.A.3, MP1, 3.Mod3.AD3
3.OA.D.9, MP7, 3.Mod3.AD10
3.OA.B.5, 3.OA.C.7, 3.OA.D.9, MP7, 3.Mod3.AD5, 3.Mod3.AD8, 3.Mod3.AD10
3.OA.A.1, 3.OA.A.2, 3.OA.D.9, MP8, 3.Mod1.AD1, 3.Mod1.AD2, 3.Mod3.AD10 3.OA.D.9, MP8, 3.Mod3.AD10
3.OA.C.7, 3.OA.D.9, MP1, 3.Mod3.AD8, 3.Mod3.AD1
3.OA.A.1, 3.OA.A.2, MP2, 3.Mod3.AD1, 3.Mod3.AD2
3.OA.D.8, MP4, 3.Mod3.AD9

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## Topic C Quiz

## Topic D: Multiplication with Multiples of 10 and Further Application of Concepts

12/12/2022 Lesson 20: Multiply by multiples of 10 by using the place value chart
12/13/2022 Lesson 21: Multiply by multiples of 10 by using place values strategies and the associative property
12/14/2022 Lesson 22: Solve two-step word problems involving multiplication of single-digit factors and multiples of 10 . 12/15/2022 Lesson 23: Identify patterns and apply strategies to multiply with units of 11 and 12. (Optional) 12/16/2022 Lesson 24: Organize, count, and represent a collection of objects.
12/19/2022 Lesson 25: Apply multiplication and division concepts to complete a multi-part task. (Optional)
12/20/2022 End of Module 3 Assessment

## Module 4: Multplication and Area Topic A: Foundations for Understanding Area

1/3/2023 Lesson 1: Explore attributes of squares, rectangles, and trapezoids.
1/4/2023 Lesson 2: Recognize area as an attribute of polygons.
1/5/2023 Lesson 3: Tile polygons to find their areas.
1/6/2023 Lesson 4: Compose rectangles to compare areas.

1/9/2023 Lesson 5: Relate side lengths to the number of tiles on a side.

## Topic A Quiz

## Topic B: Concepts of Area Measuremen

1/10/2023 Lesson 6: Tile rectangles with squares to make arrays and relate the side lengths to area
1/11/2023 Lesson 7: Draw rows and columns to complete a rectangular array and determine its area
1/12/2023 Lesson 8: Determine the area of a rectangle by using side lengths.
/13/2023 Lesson 9: Multiply side lengths to find the area of a rectangle.
Topic B Quiz
Topic C: Applying Properties of Operations to Area
1/17/2023 Lesson 10: Compose large rectangles and reason about their areas.
1/18/2023 Lesson 11: Decompose to find the total area of a rectangle.
/19/2023 Lesson 12: Find all possible side lengths of rectangles with a given area

## Topic C Quiz

## Topic D: Applications of Area

1/20/2023 Lesson 13: Apply area understanding to real-world situations.
$1 / 23 / 2023$ Lesson 14: Reason to find the area of composite shapes by using grids.
1/24/2023 Lesson 15: Reason to find the area of composite shapes by using rectangles.
1/25/2023 Lesson 16: Solve historical math problems involving area.
1/26/2023 Lesson 17: Apply area concepts to a real-world context.
/27/2023 Lesson 18: Find the area of shapes and represent area data on a line plot. 3.MD.C
1/27/2023 Lesson 19: Apply area concepts to complete a multi-part task.
1/30/2023 End of Module 4 Assessment

## Module 5: Fractions as Numbers

1/31/2023 Lesson 1: Partition a whole into equal parts and name the fractional unit
2/1/2023 Lesson 2: Partition different wholes into fractional units concretely.
2/2/2023 Lesson 3: Partition a whole into fractional units by folding fraction strips
2/3/2023 Lesson 4: Partition a whole into fractional units pictorially and identify the unit fraction
2/6/2023 Lesson 5: Partition a whole into fractional units and write fractions in fraction form.

## Topic A Quiz

Topic B: Unit Fractions and Their Relationship to the Whole
2/7/2023 Lesson 6: Build non-unit fractions less than 1 from unit fractions concretely.
2/8/2023 Lesson 7: Identify and represent a whole as two parts: a unit fraction and a non-unit fraction. 2/9/2023 Lesson 8: Identify and represent a whole as two non-unit fractions.
2/10/2023 Lesson 9: Compare unit fractions by reasoning about their size concretely.
2/13/2023 Lesson 10: Compare non-unit fractions less than 1 with the same numerator by using tape diagrams.
Topic B Quiz
3.NBT.A.3, MP2, 3.Mod3.AD11
3.OA.B.5, 3.NBT.A.3, MP7, 3.Mod3.AD7, 3.Mod3.AD11
3.OA.D.8, 3.NBT.A.3, MP4, 3.Mod3.AD9, 3.Mod3.AD11
3.OA.B.5, 3.OA.D.9, MP5, 3.Mod3.AD5, 3.Mod3.AD7, 3.Mod3.AD10
3.OA.B.5, 3.OA.C.7, MP5, 3.Mod3.AD5, 3.Mod3.AD7, 3.Mod3.AD8
3.OA.A.3, 3.OA.D.8, MP1, 3.Mod3.AD3, 3.Mod3.AD9
3.G.A.1, MP6, 3.Mod4.AD1
3.MD.C.5, 3.MD.C.5.a, 3.MD.C.5.b, 3.MD.C.6, MP5, 3.Mod4.AD2, 3.Mod4.AD3
3.MD.C.5, 3.MD.C.5.a, 3.MD.5.b, 3.MD.C.6, MP3, 3.Mod4.AD2, 3.Mod4.AD3
3.MD.C.5, 3.MD.C.5.a,
3.Modd AD 2 MO.6, MP
MD.AD2, MD.C.
3.MD.C. , 1 .
3.Mod4.AD3
3.MD.C.6, 3.MD.C.7.a, MP3, 3.Mod4.AD3, 3.Mod4.AD4 3.MD.C.6, 3.MD.C.7.a, MP1, 3.Mod4.AD3, 3.Mod4.AD4 3.MD.C.7.a, 3.MD.C.7.b, MP6, 3.Mod4.AD4, 3.Mod4.AD 3.MD.C.7.b, MP5, 3.Mod4.AD5
3.MD.C.7.c, 3.MD.C.7.d, MP7, 3.Mod4.AD6, 3.Mod4.AD7, 3.Mod4.AD8 3.MD.C.7.b, 3.MD.C.7.c, 3.MD.C.7.d, MP4, 3.Mod4.AD5, 3.Mod4.AD6, 3.Mod4.AD7 3.MD.C.7.a, 3.MD.C.7.b, MP3, 3.Mod4.AD4, 3.Mod4.AD5
3.MD.C.7.b, 3.MD.C.7.c, MP5, 3.Mod4.AD5, 3.Mod4.AD6 3.MD.C.7.b, 3.MD.C.7.d, MP2, 3.Mod4.AD5, 3.Mod4.AD7 3 MD.C.7.b, 3.MD.C.7.d, MP7, 3.Mod4.AD5, 3.Mod4.AD7, 3.Mod4.AD8 3.MD.C.5, 3.MD.C.5.a, 3.MD.C.5.b, 3.MD.C.6, MP1, 3.Mod4.AD2, 3.Mod4.AD3 3.MD.C.7.b, 3.MD.C.7.d, MP4, 3.Mod4.AD5, 3.Mod4.AD7
3.MD.C.6, 3.MD.C.7.b, 3.MD.C.7.d, MP6, 3.Mod4.AD3, 3.Mod4.AD5, 3.Mod4.AD7 3.MD.C.7.b, 3.MD.C.7.d, MP1, 3.Mod4.AD5, 3.Mod4.AD8
3.G.A.2, MP6, 3.Mod5.AD10
3.G.A.2, MP2, 3.Mod5.AD10
3.G.A.2, MP6, 3.Mod5.AD10
3.NF.A.1, 3.G.A.2, MP7, 3.Mod5.AD1, 3.Mod5.AD10
3.NF.A.1, 3.G.A.2, MP6, 3.Mod5.AD1, 3.Mod5.AD10
3.NF.A.1, 3.G.A.2, MP7, 3.Mod5.AD2, 3.Mod5.AD10
3.NF.A.1, 3.G.A.2, MP2, 3.Mod5.AD1, 3.Mod5.AD2, 3.Mod5.AD10
3.NF.A.1, 3.NF.A.3.c, 3.G.A.2, MP7, 3.Mod5.AD2, 3.Mod5.AD6, 3.Mod5.AD10
3.NF.A.3.d, 3.G.A.2, MP3, 3.Mod5.AD7, 3.Mod5.AD8, 3.Mod5.AD10
3.NF.A.3.d, 3.G.A.2, MP6, 3.Mod5.AD7, 3.Mod5.AD10


## Topic C: Fractions on the Number Line

214/2023 Lesson 11: Locate fractions from 0 to 1 on a number line by using fraction tiles.
2/15/2023 Lesson 12: Represent fractions from 0 to 1 on a number line.
2/16/2023 Lesson 13: Identify equivalent fractions from 0 to 1 with tape diagrams and on number lines. 2/17/2023 Lesson 14: Recognize that equivalent fractions share the same location on a number line. 2/21/2023 Lesson 15: Identify fractions on a ruler as numbers on a number line
2/22/2023 Lesson 16: Measure lengths and record data on a line plot.

## Topic C Quiz

## Topic D: Comparing Fractions

/23/2023 Lesson 17: Represent fractions greater than 1 on a number line and identify fractions equivalent to whole numbers 2/24/2023 Lesson 18: Compare fractions with like units by using a number line.
2/27/2023 Lesson 19: Compare fractions with unlike units but the same numerator by using number lines. 27/2023 Lesson 20: Compare fractions with related units by using a number line 2/28/2023 Lesson 21: Compare various fractions by representing them on number lines.

## Topic D Quiz

## Topic E: Equivalent Fractions

3/1/2023 Lesson 22: Identify fractions equivalent to whole numbers by using number lines.
3/2/2023 Lesson 23: Reason to find fractions equivalent to whole numbers by using patterns and number lines. 3/3/2023 Lesson 24: Generate equivalent fractions greater than 1 by using a number line.
3/6/2023 Lesson 25: Express whole numbers as fractions with a denominator of 1
3/7/2023 Lesson 26: Create a ruler with 1-inch, half-inch, and quarter-inch intervals.
3/8/2023 Lesson 27: Apply fraction concepts to complete a multi-part task. (Optional) /13/2023 End of Module 5 Assessment

## Module 6 Geometry, Measurement, and Data

3/14/2023 Lesson 1: Relate skip-counting by fives on the clock to telling time on the number line
/15/2023 Lesson 2: Count by fives and ones on the number line as a strategy for telling time to the nearest minute on the clock 20/2023 Lesson 3: Solve time word problems where the end time is unknown.
/21/2023 Lesson 4: Solve time word problems where the start time is unknown
3/22/2023 Lesson 5: Solve time word problems where the change in time is unknown.
23/2023 Lesson 6: Solve time word problems and use time data to create a line plot. 3/24/2023 Lesson 7: Count coins and create money word problems. (Optional)

Topic B: Attributes of Two Dimensional Figure
3/27/2023 Lesson 8: Compare and classify quadrilaterals.
3/28/2023 Lesson 9: Compare and classify other polygons.
3/29/2023 Lesson 10: Draw polygons with specified attributes.
/30/2023 Lesson 11: Reason about composing polygons by using tetrominoes
3/31/2023 Lesson 12: Reason about composing polygons by using tangrams.

## Topic B Quiz

4/3/2023 Lesson 13: Decompose quadrilaterals to understand perimeter as the boundary of a shape.
4/4/2023 Lesson 14: Measure side lengths in whole number units to determine the perimeters of polygons. 4/5/2023 Lesson 15: Recognize perimeter as an attribute of shapes and solve problems with unknown measurements. 4/6/2023 Lesson 16: Solve problems to determine the perimeters of rectangles with the same area. /11/2023 Lesson 17: Solve problems to determine the areas of rectangles with the same perimete. 4/12/2023 Lesson 18: Solve real-world problems involving perimeter and unknown measurements by using all four operations. Topic C Quiz

## Topic D: Collecting and Displaying Data

4/13/2023 Lesson 19: Measure the perimeter of various circles to the nearest quarter inch by using string
/14/2023 Lesson 20: Record measurement data in a line plot
/17/2023 Lesson 21: Create and analyze a line plot for measurement data to the nearest half unit and quarter unit. /18/2023 Lesson 22: Generate categorical data and represent it by using a scaled picture graph. /19/2023 Lesson 23: Solve problems by creating scaled picture graphs and scaled bar graphs. 4/20/2023 Lesson 24: Organize, count, and represent a collection of objects.
3.NF.A.2.a, 3.NF.A.2.b, MP2, 3.Mod5.AD3, 3.Mod5.AD4 3.NF.A.2.a, 3.NF.A.2.b, MP8, 3.Mod5.AD3, 3.Mod5.AD4 3 NFA. 3. a 3 NFA. 3 b MP2 3 Mod5.AD5
3.NF.A.3.a 3.NF.A.3.b MP7, 3.Mod5.AD5
3.NF.A.2.a, 3.NF.A.2.b, MP6, 3.Mod5.AD3, 3.Mod5.AD4
3.NF.A.3.a, 3.NF.A.3.b, 3.MD.B.4, MP8, 3.Mod5.AD5, 3.Mod5.AD9
3.NF.A.3.a, 3.NF.A.3.b, 3.NF.A.3.c, MP7, 3.Mod5.AD5, 3.Mod5.AD6
3.NF.A.2.b, 3.NF.A.3.d, MP3, 3.Mod5.AD4, 3.Mod5.AD7
3.NF.A.3.d, MP1, 3.Mod5.AD7

3NFA.3.d, MP5, 3.Mod5.AD7
3.NF.A.3.d, MP6, 3.Mod5.AD7
3.NF.A.3.a, 3.NF.A.3.b, 3.NF.A.3.c, MP2, MP8, 3.Mod5.AD5, 3.Mod5.AD6 3.NF.A.3.a, 3.NF.A.3.b, 3.NF.A.3.c, MP5, 3.Mod5.AD5, 3.Mod5.AD
3.NF.A.3.b, 3.NF.A.3.c, MP2, 3.Mod5.AD5, 3.Mod5.AD6
3.NF.A.3.c, MP4, 3.Mod5.AD6
3.NF.A.2.b, 3.NF.A.3.b, MP7 3.Mod5.AD4, 3.Mod5.AD5
3.NF.A.1, 3.NF.A.2.b, 3.NF.A.3.d, MP4, 3.Mod5.AD2, 3.Mod5.AD4, 3.Mod5.AD7
3.MD.A.1, MP7, 3.Mod6.AD1
3.MD.A.1, MP3, 3.Mod6.AD 3.MD.A.1, MP4, 3.Mod6.AD2 3.MD.A.1, MP5, 3.Mod6.AD 3.MD.A.1, MP7, 3.Mod6.AD2 3.MD.A.1, MP4, 3.Mod6.AD. 2 3.OA.D.8, MP2, 3.Mod3.AD9
3.G.A.1, MP3, 3.Mod6.AD7
3.G.A.1, MP6, 3.Mod6.AD7
3.G.A.1, MP5, 3.Mod6.AD7, 3.Mod6.AD8
3.G.A.1, MP1, 3.Mod6.AD7, 3.Mod6.AD8
3.MD.D.8, MP5, 3.Mod6.AD5 3.MD.D.8, MP7, 3.Mod6.AD5 3.MD.D.8, MP7, 3.Mod6.AD5
3.MD.D.8, MP2, 3.Mod6.AD5, 3.Mod6.AD6
3.MD.D.8, MP8, 3.Mod6.AD5, 3.Mod6.AD6
3.MD.D.8, MP1, 3.Mod6.AD5
3.MD.D.8, MP6, 3.Mod6.AD5 3.MD.B.4, MP6, 3.Mod6.AD 3.MD.B.4, MP3, 3.Mod6.AD 3.MD.B.3, MP1, 3.Mod6.AD3
3.MD.B.3, MP7, 3.Mod2.AD6, 3.Mod2.AD7, 3.Mod6.AD3 MP5

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