

BY LESSON

Lesson	Title	Math Content
1.1	Number: Reviewing six-digit numbers	DA
1.2	Number: Reading and writing seven-digit numbers	DA
1.3	Number: Locating seven-digit numbers on a number line	DA
1.4	Number: Comparing and ordering seven-digit numbers	DA
1.5	Number: Reading and writing eight- and nine-digit numbers	5.NBT.A.1 DA
1.6	Number: Working with millions expressed as fractions	DA
1.7	Number: Rounding large numbers with up to nine-digits	DA
1.8	Algebra: Investigating order with one operation	5.OA.A.1
1.9	Algebra: Investigating order with two operations	5.OA.A.1
1.10	Algebra: Working with expressions (without parentheses)	5.OA.A.1 5.OA.A.2
1.11	Algebra: Working with expressions (with parentheses)	5.OA.A.1
1.12	Algebra: Working with expressions (with and without parentheses)	5.OA.A.1 5.OA.A.2
2.1	Multiplication: Reviewing the standard algorithm	5.NBT.B.5
2.2	Multiplication: Using the standard algorithm with three- and four-digit factors	5.NBT.B.5
2.3	Multiplication: Using the standard algorithm with two two-digit factors	5.NBT.B.5
2.4	Multiplication: Using the standard algorithm with two- and three-digit factors	5.NBT.B.5
2.5	Multiplication: Extending the standard algorithm	5.NBT.B.5
2.6	Multiplication: Solving word problems	5.NBT.B.5
2.7	Volume: Developing the concept	5.MD.C.3 5.MD.C.3a 5.MD.C.3b 5.MD.C.4
2.8	Volume: Analyzing unit cubes and measuring volume	5.MD.C.3 5.MD.C.3a 5.MD.C.3b 5.MD.C.4 5.MD.C.5 5.MD.C.5a
2.9	Volume: Developing a formula	5.MD.C.5 5.MD.C.5a 5.MD.C.5b
2.10	Volume: Finding the dimensions of prisms with a given volume	5.MD.C.4 5.MD.C.5 5.MD.C.5b
2.11	Volume: Composing and decomposing prisms	5.MD.C.5 5.MD.C.5b 5.MD.C.5c
2.12	Volume: Solving real-world problems	5.MD.C.4 5.MD.C.5 5.MD.C.5b
3.1	Decimal fractions: Reviewing tenths and hundredths (area model)	5.NBT.A.3 5.NBT.A.3a
3.2	Decimal fractions: Reviewing tenths and hundredths (number line)	5.NBT.A.3 5.NBT.A.3a
3.3	Decimal fractions: Introducing thousandths	5.NBT.A.3 5.NBT.A.3a
3.4	Decimal fractions: Reading and writing thousandths (without zeros and teens)	5.NBT.A.3 5.NBT.A.3a
3.5	Decimal fractions: Reading and writing thousandths (with zeros and teens)	5.NBT.A.3 5.NBT.A.3a
3.6	Decimal fractions: Recording in expanded form	5.NBT.A.3 5.NBT.A.3a
3.7	Decimal fractions: Locating thousandths on a number line	5.NBT.A.3 5.NBT.A.3a
3.8	Decimal fractions: Comparing and ordering thousandths	5.NBT.A.3 5.NBT.A.3b
3.9	Decimal fractions: Comparing and ordering with unequal places	5.NBT.A.3 5.NBT.A.3b
3.10	Decimal fractions: Rounding thousandths	5.NBT.A.4
3.11	Decimal fractions: Rounding with unequal decimal places	5.NBT.A.4
3.12	Decimal fractions: Interpreting results on a line plot	5.NBT.A.4 5.MD.B.2

Key: DA Developmental Activity

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Lesson	Title	Math Content
4.1	Common fractions: Reviewing equivalent fractions (related denominators)	5.NF.A.1
4.2	Common fractions: Reviewing equivalent fractions (related and unrelated denominators)	5.NF.A.1
4.3	Common fractions: Reviewing the relationship with mixed numbers	5.NF.A.1
4.4	Common fractions: Converting improper fractions to mixed numbers	5.NF.A.1
4.5	Common fractions: Converting mixed numbers to improper fractions	5.NF.A.1
4.6	Common fractions: Solving word problems	5.NF.A.2
4.7	Length: Converting between inches and feet	5.MD.A.1
4.8	Length: Converting customary units	5.MD.A.1
4.9	Capacity: Converting customary units	5.MD.A.1
4.10	Mass: Converting customary units	5.MD.A.1
4.11	Mass/capacity: Solving word problems (customary units)	5.OA.A.2 5.MD.A.1
4.12	Mass: Solving real-world problems on a line plot	5.MD.B.2
5.1	Decimal fractions: Reviewing addition strategies (without composing)	5.NBT.B.7
5.2	Decimal fractions: Adding (with composing)	5.NBT.B.7
5.3	Decimal fractions: Using the standard algorithm to add (with composing)	5.NBT.B.7
5.4	Decimal fractions: Using the standard algorithm to add more than two addends	5.NBT.B.7
5.5	Decimal fractions: Subtracting tenths and hundredths	5.NBT.B.7
5.6	Decimal fractions: Using the standard algorithm to subtract	5.NBT.B.7
5.7	Decimal fractions: Subtracting tenths (decomposing ones)	5.NBT.B.7
5.8	Decimal fractions: Subtracting hundredths (decomposing tenths)	5.NBT.B.7
5.9	Decimal fractions: Subtracting (decomposing multiple places)	5.OA.A.1 5.NBT.B.7
5.10	2D shapes: Identifying parallelograms	5.G.B.3 5.G.B.4
5.11	2D shapes: Exploring categories of quadrilaterals	5.G.B.3 5.G.B.4
5.12	2D shapes: Identifying categories of triangles	5.G.B.3
6.1	Common fractions: Making comparisons and estimates	5.NF.A.2
6.2	Common fractions: Reviewing addition strategies (same denominators)	5.NF.A.1
6.3	Common fractions: Adding (related denominators)	5.NF.A.1
6.4	Common fractions: Adding (unrelated denominators)	5.NF.A.1 5.NF.A.2
6.5	Common fractions: Adding mixed numbers (related denominators)	5.NF.A.1
6.6	Common fractions: Adding mixed numbers (unrelated denominators)	5.NF.A.1 5.NF.A.2
6.7	Common fractions: Adding mixed numbers with unrelated denominators (composing whole numbers)	5.NF.A.1 5.NF.A.2
6.8	Division: Reviewing strategies	5.NBT.B.6
6.9	Division: Analyzing partitioning strategies	5.NBT.B.6
6.10	Division: Three- and four-digit dividends and one-digit divisors (with remainders)	5.NBT.B.6 5.NF.B.3
6.11	Division: Three- and four-digit dividends with two-digit multiples of five or ten	5.NBT.B.6
6.12	Division: Three- and four-digit dividends and any two-digit divisor	5.NBT.B.6

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Lesson	Title	Math Content
7.1	Common fractions: Exploring strategies to subtract (same denominators)	5.NF.A.1
7.2	Common fractions: Subtracting (related denominators)	5.NF.A.1 5.NF.A.2
7.3	Common fractions: Subtracting (unrelated denominators)	5.NF.A.1 5.NF.A.2
7.4	Common fractions: Subtracting mixed numbers (related denominators)	5.NF.A.1
7.5	Common fractions: Subtracting mixed numbers (unrelated denominators)	5.NF.A.1
7.6	Common fractions: Subtracting mixed numbers with unrelated denominators (decomposing whole numbers)	5.NF.A.1 5.NF.A.2
7.7	Common fractions: Reinforcing subtraction strategies (related and unrelated denominators)	5.NF.A.1
7.8	Common fractions: Solving word problems involving mixed numbers	5.NF.A.2
7.9	Number: Building a picture of one billion and beyond	5.NBT.A.1
7.10	Number: Working with exponents	5.NBT.A.2
7.11	Number: Exploring place-value patterns	5.NBT.A.2
7.12	Number: Representing whole numbers using exponents	5.NBT.A.2
8.1	Common fractions: Reviewing multiplication by whole numbers	5.NF.B.4
8.2	Common fractions: Relating unit fractions to division	5.NF.B.3 5.NF.B.4 5.NF.B.4a
8.3	Common fractions: Finding a fraction of a whole number (unit fractions)	5.OA.A.1 5.NF.B.4 5.NF.B.4a 5.NF.B.6
8.4	Common fractions: Finding a fraction of a whole number pictorially (non-unit fractions)	5.NF.B.4 5.NF.B.4a 5.NF.B.6
8.5	Common fractions: Finding a fraction of a whole number symbolically (non-unit fractions)	5.OA.A.1 5.NF.B.4 5.NF.B.4a 5.NF.B.6
8.6	Common fractions: Solving word problems involving multiplying with whole numbers	5.OA.A.2 5.NF.B.5 5.NF.B.5a 5.NF.B.6
8.7	Common fractions: Multiplying two common fractions pictorially	5.NF.B.4 5.NF.B.4b
8.8	Common fractions: Multiplying two common fractions symbolically	5.NF.B.4 5.NF.B.4b
8.9	Common fractions: Multiplying whole numbers and mixed numbers	5.NF.B.4 5.NF.B.4b
8.10	Common fractions: Multiplying common fractions and mixed numbers	5.NF.B.4 5.NF.B.4b
8.11	Common fractions: Exploring multiplication by fractions less than, equal to, or greater than one	5.NF.B.5 5.NF.B.5a 5.NF.B.5b
8.12	Common fractions: Solving word problems	5.NF.B.6
9.1	Common fractions: Relating fractions to division	5.NF.B.3
9.2	Common fractions: Dividing a whole number by a unit fraction pictorially	5.OA.A.2 5.NF.B.7 5.NF.B.7b 5.NF.B.7c
9.3	Common fractions: Dividing a whole number by a unit fraction using multiplication	5.NF.B.7 5.NF.B.7b 5.NF.B.7c
9.4	Common fractions: Solving word problems involving multiplication or division with a unit fraction	5.OA.A.2 5.NF.B.7 5.NF.B.7c
9.5	Common fractions: Dividing a unit fraction by a whole number pictorially	5.OA.A.2 5.NF.B.7 5.NF.B.7a 5.NF.B.7c
9.6	Common fractions: Dividing a unit fraction by a whole number using multiplication	5.OA.A.1 5.NF.B.7c 5.OA.A.2 5.NF.B.7 5.NF.B.7a
9.7	Common fractions: Solving word problems involving unit fractions	5.OA.A.2 5.NF.B.7 5.NF.B.7c
9.8	Length: Converting metric units	5.MD.A.1
9.9	Mass: Converting metric units	5.MD.A.1
9.10	Capacity: Converting metric units	5.MD.A.1
9.11	Length/mass/capacity: Solving word problems (metric units)	5.MD.A.1
9.12	Mass: Interpreting a line plot to solve problems	5.MD.B.2

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Lesson	Title	Math Content
10.1	Decimal fractions: Multiplying by a whole number	5.NBT.A.1 5.NBT.B.7
10.2	Decimal fractions: Reinforcing strategies for multiplying by a whole number	5.NBT.A.1 5.NBT.B.7
10.3	Decimal fractions: Multiplying tenths by tenths	5.NBT.B.7
10.4	Decimal fractions: Multiplying with whole numbers using partial products	5.NBT.B.7
10.5	Decimal fractions: Multiplying two decimal fractions using partial products	5.NBT.B.7
10.6	Decimal fractions: Dividing whole numbers by decimal fractions	5.NBT.B.7
10.7	Decimal fractions: Dividing decimal fractions by whole numbers	5.NBT.B.7
10.8	Decimal fractions: Dividing decimal fractions by decimal fractions	5.NBT.B.7
10.9	Decimal fractions: Reinforcing the think-multiplication strategy to divide	5.NBT.B.7
10.10	Decimal fractions: Adjusting the divisor	5.NBT.A.2 5.NBT.B.7
10.11	Decimal fractions: Adjusting the dividend and divisor	5.NBT.B.7
10.12	Decimal fractions: Solving multiplication and division word problems	5.OA.A.2 5.NBT.B.7
11.1	Algebra: Reviewing number patterns	5.OA.B.3
11.2	Algebra: Examining relationships between two numerical patterns	5.OA.B.3
11.3	Algebra: Introducing the coordinate plane	5.G.A.1
11.4	Algebra: Relating tables to ordered pairs	5.G.A.1 5.G.A.2
11.5	Algebra: Representing patterns on coordinate grids	5.OA.B.3 5.G.A.2
11.6	Algebra: Interpreting coordinate grids	5.OA.B.3 5.G.A.2
11.7	Multiplication: Using the double-and-half strategy to multiply dollars and cents	5.NBT.B.7
11.8	Multiplication: Using a nearby number to multiply dollars and cents	5.NBT.B.7
11.9	Multiplication: Reinforcing strategies to multiply dollars and cents	5.NBT.B.7
11.10	Perimeter: Solving word problems	5.MD.A.1
11.11	Area: Solving word problems	5.MD.A.1
11.12	Volume: Solving word problems	5.MD.A.1 5.MD.C.5 5.MD.C.5b
12.1	Division: Recording steps (three- and four-digit dividends)	5.NBT.B.6
12.2	Division: Developing the standard algorithm	5.NBT.B.6
12.3	Division: Introducing the standard algorithm	5.NBT.B.6
12.4	Division: Working with the standard algorithm	5.NBT.B.6
12.5	Division: Working with the standard algorithm (with remainders)	5.NBT.B.6 5.NF.B.3
12.6	Division: Investigating methods to divide by a two-digit multiple of ten	5.NBT.B.6
12.7	Division: Working with four-digit dividends and two-digit divisors	5.NBT.B.6
12.8	Division: Solving word problems (one- and two-digit divisors)	5.NBT.B.6
12.9	Division: Making estimates to solve problems	5.NBT.B.7
12.10	Division: Partitioning dollar-and-cent amounts	5.NBT.B.7
12.11	Division: Extending partitioning strategies to divide dollar-and-cent amounts	5.NBT.B.7
12.12	Division: Calculating unit costs to determine best buys (dollars and cents)	5.NBT.B.7