

SpringMath Assessments

Tool Skills

This table enables you to see all of the assessments included in SpringMath and which of the foundational “Tool Skills” they measure.

	Combining Whole Numbers & Variables	Taking Whole Numbers & Variables	Factors, Products, Exponents with Whole Numbers	Fractions, Proportions, Division	Quantity Discrimination, Ordinal Position, Place Value	Solve for Unknowns	Create Equivalent Quantities
Number Names to 10	Entry Skill						
Number Names to 20	Entry Skill						
Count Objects Aloud 1-10							
Count Objects Aloud 1-20							
Count Objects to 10, Circle Answer							
Count Objects to 20, Circle Answer							
Identify number, Draw Circles 1-10							
Identify Number, Draw Circles to 20							
Count Objects, Write Number to 10							
Count Objects, Write Number to 20							
Quantity Discrimination with Dots to 10							
Quantity Discrimination with Dots to 20							
Missing Number 0-10							
Missing Number to 20							
Change Quantity with Dots to 10							
Sums to 5-Kindergarten							
Subtraction to 5-Kindergarten							
Quantity Comparison 0-9							
Quantity Comparison 9-19							
Quantity Comparison 0-20							
Quantity Comparison 20-99							
Quantity Comparison 101-999							
Quantity Comparison 1001-9999							
Quantity Comparison Sums & Differences to 20							
Sums to 6							
Sums to 12							
Sums to 20							
Subtraction 0-5							
Subtraction 0-9							

Subtraction 0-12							
Subtraction 0-15							
Subtraction 0-20							
Fact Families Addition & Subtraction 0-5							
Fact Families Addition & Subtraction 0-9							
Fact Families Addition & Subtraction 0-20							
Mixed Addition & Subtraction 0-20							
2-digit Addition without Regrouping							
2-digit Addition with Regrouping							
2-digit Addition with and without Regrouping							
3-digit Addition without Regrouping							
3-digit Addition with and without Regrouping							
2-digit Subtraction without Regrouping							
2-digit Subtraction with Regrouping							
2-digit Subtraction with and without Regrouping							
3-digit Subtraction without Regrouping							
3-digit Subtraction with Regrouping							
3-digit Subtraction with and without Regrouping							
3-digit Addition & Subtraction with and without Regrouping							
Create Equivalent Addition & Subtraction Problems Using Place Value and Decomposition							
Create Equivalent Addition & Subtraction Problems Using Associative, Commutative Properties, and Near Easy Problems							
Multiplication 0-5							
Multiplication 0-9							
Multiplication 5-9							
Multiplication 0-12							
Division 0-5							
Division 0-9							
Division 5-9							
Division 0-12							
Mixed Multiplication and Division 0-12							
Fact Families Multiplication & Division 0-9							
Fact Families Multiplication & Division 0-12							
Mixed Basic Facts							
Place Fractions on Number Line (Denominators 2, 4, 8)							
Place Fractions on Number line (Denominators 1, 2, 3, 4, 5, 6, 8, 10)							
Quantity Comparison Fractions with Like Denominators							

Add & Subtract Mixed Numbers with Like Denominators with Regrouping	Blue	Green		Brown			
Multiply 1-digit by 2-3-digit without Regrouping			Orange				
Multiply 1-digit by 2-3-digit with Regrouping			Orange		Blue		
Multiply 1 Digit by 2-3 digit with and without Regrouping			Orange		Blue		
Multiply 2 digit by 2-digit with and without Regrouping			Orange		Blue		
Multiply 2-digit by 2-digit without Regrouping			Orange		Blue		
Multiply 2-digit by 2-digit with Regrouping			Orange		Blue		
Multi-Digit Multiplication with and without Regrouping			Orange		Blue		
Divide 1-digit Divisor into 2-3-digit Dividend without Remainders				Brown	Blue		
Divide 1-digit Divisor into 1-2-digit Dividend with Remainders				Brown			
Divide 2-digit Divisor into 3-4-digit Dividend with Remainders				Brown	Blue		
Multi-Digit Division with and without Remainders				Brown	Blue		
Mixed Operations (Whole Numbers)	Blue	Green	Orange	Brown			
Add and Subtract Decimals to the Hundredths				Brown	Blue		
Quantity Comparison Decimals to the 100ths					Blue		
Multiply & Divide with Decimals				Brown	Blue		
Add, Subtract, Multiply, & Divide with Decimals				Brown	Blue		
Multiply 2-digit by 2-digit with Decimals			Orange	Brown	Blue		
Create Equivalent Multiplication Problems by Factoring			Orange			Dark Purple	Medium Purple
Convert Mixed Numbers to Improper Fractions				Brown			Medium Purple
Convert Percentages to Decimals				Brown			Medium Purple
Simplify Fractions A				Brown			Medium Purple
Simplify Fractions B				Brown			Medium Purple
Simplify Fractions C				Brown			Medium Purple
Simplify Fractions				Brown			Medium Purple
Convert Decimals to Fractions				Brown			Medium Purple
Convert Fractions to Decimals				Brown			Medium Purple
Convert Fractions to Decimals and Decimals to Fractions				Brown			Medium Purple
Multiply Fractions				Brown			
Divide Fractions				Brown			
Multiply & Divide Proper and Improper Fractions				Brown			
Find Least Common Denominator				Brown			Medium Purple
Quantity Comparisons for Fractions with Unlike Denominators				Brown	Blue		Medium Purple
Quantity Comparisons Fractions, Whole Numbers, and Decimals					Blue		
Quantity Comparisons Whole Numbers, Fractions, Decimals, and Percentages					Blue		
Add & Subtract Fractions with Unlike Denominators				Brown			Medium Purple
Multiply & Divide with Mixed Numbers				Brown			Medium Purple

Mixed Fraction Operations							
Substitute Whole Numbers to Solve Equations							
Find Percent of a Whole Number							
Order of Operations							
Distributive Property of Expression							
Collect Like Terms							
Graph in a coordinate plane							
Quantity Comparison with Integers							
Convert Improper Fractions to Mixed Numbers							
Convert Percentages to Fractions							
Inverse Operations for Addition and Subtraction							
Inverse Operations for Multiplication and Division							
Inverse Operations for Addition, Subtraction, Multiplication, and Division							
Complex Fractions							
Add & Subtract with Integers							
Mixed Operations with Integers							
Solve 1-Step Equation with Rational Numbers							
Solve 2-Step Equations							
Translate Verbal Expressions into Math Equations							
Solve 2-Step Equations with Fractions							
Add & Subtract with Exponents with Variables							
Multiply with Exponents with Variables							
Divide with Exponents with Variables							
Add, Subtract, Multiply, & Divide with Exponents							
Solve Algebraic Proportions							
Solve Missing Value in a Percentage Problem							
Solve Equations with Percentages							
Collect Like Terms to Simplify Expressions							
Distributive Property to Simplify Expressions							
Simplify Expressions							
Solve for slope and intercept using $y = mx + b$							
Solve for slope given 2 coordinate pairs							
Solve for y-Intercept given Slope and a Point							
Point on a Line							
Linear Combinations to Solve Equations							
Substitute Equation to Solve Linear Equation							
Use Comparison Method to Solve Systems of Linear Equations							