

Fluency Progression by Grade Level

Operational Fluency Progression by Grade Level

The Fluency Progression outlines when skills are first introduced in the standards, when they are mastered, and when the skills should be reinforced. While students may master a skill in an earlier grade level, reinforcement is required as students engage with more contexts and applications.

Standard Introduction Level	Symbol
The skill has not been introduced.	-
The skill is introduced.	I
The skill is mastered.	M
The skill should be reinforced as students engage with more complex tasks.	R

Skill	K	1	2	3	4	5	6	7	8
Counting									
Count to 100 by tens and ones.	M	R							
Count to answer “How many?”	M	R							
Given a two-digit number, mentally find 10 more or 10 less.	I	M	R	R					
Given a three-digit number, mentally find 10 more or 10 less.	-	I	M	R					
Count within 120, skip count by 2s, 5s, 10s, and 100s.	I	I	M	R	R				
Operations with Integers									
Add and subtract within 5.	M	R							
Add and subtract within 10.	I	M	R						
Add and subtract within 20.	I	I	M	R					
Add and subtract within 100.	-	I	M	R					
Add and subtract within 1,000.	-	-	I	M	R				
Add and subtract within 1,000,000.	-	-	-	I	M	R			

Skill	K	1	2	3	4	5	6	7	8
Add and subtract integers (positive and negative whole numbers and zero)	-	-	-	-	-	-	I	M	R
Multiply and divide within 100	-	-	I	M	R	R	R		
Multiply multi-digit whole numbers using standard algorithms.	-	-	-	I	I	M	R	R	
Divide multi-digit numbers using standard algorithms.	-	-	-	-	I	I	M	R	R
Multiply and divide integers.	-	-	-	-	-	-	I	M	R
Fractions and Decimals									
Add and subtract fractions with like denominators.	-	-	-	I	M	R	R	R	R
Add and subtract fractions with unlike denominators.	-	-	-	-	I	M	R	R	R
Multiply a fraction by a whole number.	-	-	-	I	M	R	R		
Multiply a fraction by a fraction.	-	-	-	I	I	M	R	R	R
Divide a unit fraction by a whole number and a whole number by a unit fraction.	-	-	-	-	I	M	R	R	R
Add, subtract, multiply, and divide multi-digit decimals using standard algorithms.	-	-	-	-	-	I	M	R	R
Add and subtract numbers written in scientific notation.	-	-	-	-	-	-	-	-	M
Add, subtract, multiply, and divide rational numbers.	-	-	-	-	-	-	I	M	R
Equations									
Determine the unknown number in an addition or subtraction equation.	I	I	I	I	I	I	M	R	R
Determine the unknown number in a multiplication and division equation.	-	-	-	I	I	I	M	R	R
Solve multi-step linear equations.	-	-	-	-	-	I	I	M	R