National Mathematics Advisory Panel Critical Foundations

Fluency Attained (provide date)	CCSS Content Domains—Approximate Grade Level	Fluency With Whole Numbers
	4	Addition and subtraction
	5 or 6	Multiplication and division
Fluency Attained (provide date)	**CCSS Content Domains—Approximate Grade Level**	**Fluency With Fractions**
	3 or 4	Identify and represent fractions and decimals and compare them on a number line or with other common representations of fractions and decimals.
	5	Add and subtract fractions and decimals.
	6	Multiply and divide fractions and decimals.
	7	Complete all operations involving positive and negative integers.
Proficiency Attained (provide date)	**CCSS Content Domains—Approximate Grade Level**	**Proficiency With Geometry and Measurement**
	6	Solve problems involving perimeter and area of triangles and all quadrilaterals having at least one pair of parallel sides (such as trapezoids).
	6	Analyze the properties of two-dimensional shapes, and solve problems involving perimeter and area; analyze the properties of three-dimensional shapes; and solve problems involving surface area and volume.