2018-19 NC Check-In 2
Grade 3 Mathematics
State Item Statistics

		Content Standard	Item #	Depth of Knowledge	Percent Correct by Item
Operations and Algebraic Thinking	**3.OA.2**	For whole-number quotients of whole numbers with a one-digit divisor and a one-digit quotient: • Interpret the divisor and quotient in a division equation as representing the number of equal groups and the number of objects in each group. • Illustrate and explain strategies including arrays, repeated addition or subtraction, and decomposing a factor.	3	Skill/Concept	22.2
			5	Recall	83.5
			8	Recall	83.7
			11	Recall	73.8
			14	Recall	88.0
	3.OA.3	Represent, interpret, and solve one-step problems involving multiplication and division. • Solve multiplication word problems with factors up to and including 10. Represent the problem using arrays, pictures, and/or equations with a symbol for the unknown number to represent the problem. • Solve division word problems with a divisor and quotient up to and including 10. Represent the problem using arrays, pictures, repeated subtraction and/or equations with a symbol for the unknown number to represent the problem.	6	Recall	84.5
			9	Recall	83.7
			13	Recall	81.6
			19^	Skill/Concept	88.0
			25^	Skill/Concept	84.1
	3.OA.6	Solve an unknown-factor problem, by using division strategies and/or changing it to a multiplication problem.	1	Skill/Concept	83.4
			4	Recall	67.4
			12	Recall	86.8
			15^	Skill/Concept	55.2
			16^	Skill/Concept	87.7
	3.OA.8	Solve two-step word problems using addition, subtraction, and multiplication, representing problems using equations with a symbol for the unknown number.	7	Recall	57.0
			18^	Skill/Concept	73.0
			20^	Skill/Concept	42.7
			22^	Skill/Concept	46.8
			24^	Skill/Concept	75.1
Numbers and Operations in Base Ten	**3.NBT.3**	Use concrete and pictorial models, based on place value and the properties of operations, to find the product of a one-digit whole number by a multiple of 10 in the range 10–90.	2	Recall	52.0
			10	Skill/Concept	73.7
			17^	Skill/Concept	75.2
			21^	Skill/Concept	80.1
			23^	Skill/Concept	85.0

^ Students had access to a calculator when completing items marked with a ^.

Note: Results from NC Check-Ins should not be compared across interims, districts, or the state.

Each math Grade 6 NC Check-In assesses different content standards.