FIRST GRADE

2014-2015
Mid-Year Benchmark Assessment

Student Booklet

PUBLIC SCHOOLS OF NORTH CAROLINA
State Board of Education | Department of Public Instruction

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NC DEPARTMENT OF PUBLIC INSTRUCTION

June St. Clair Atkinson, Ed.D., State Superintendent
301 N. Wilmington Street :: Raleigh, North Carolina 27601-2825

Inquiries or complaints regarding discrimination issues should be directed to:
Dr. Rebecca Garland, Deputy State Superintendent
6368 Mail Service Center, Raleigh, NC 27699-6368 :: Telephone: (919) 807-3200 :: Fax: (919) 807-3388

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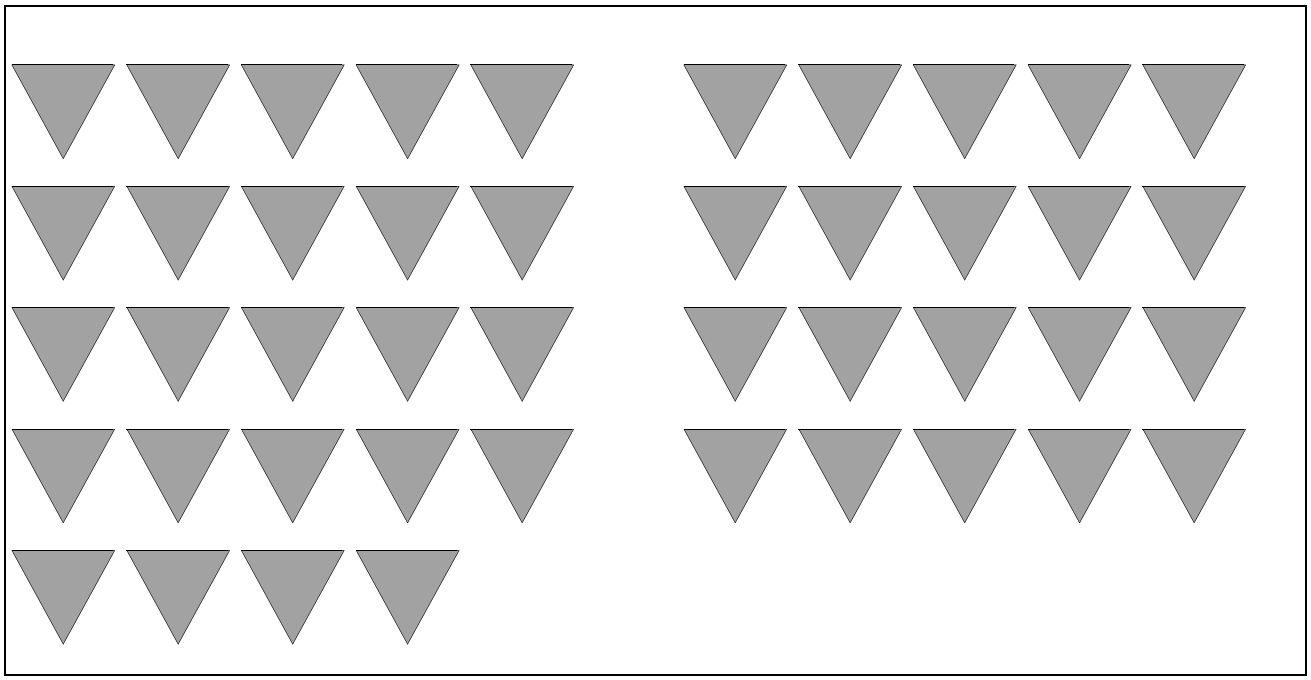
For feedback about assessment please send to denise.schulz@dpi.nc.gov or kitty.rutherford@dpi.nc.gov

Task 1

Sam is counting his toy cars. He has counted 47 cars. What numbers will Sam say for the next 5 cars? Write each number in the blank.

47, _____, _____, _____, _____, _____

How many triangles are in the box?



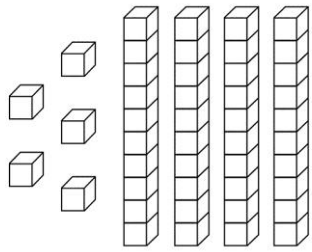
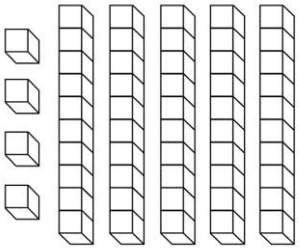
_____triangles

NUMBER AND OPERATIONS IN BASE TEN
Extend the counting sequence.
1.NBT.1 Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.

Task 2

Use one of the 3 symbols below to make each statement true.

< = >

	☐	
67	☐	**77**
10 + 7	☐	**17**
4 tens and 6 ones	☐	**2 tens and 6 ones**

NUMBER AND OPERATIONS IN BASE TEN
Understand place value.
1.NBT.2 Understand that the two digits of a two-digit number represents amounts of tens and ones.
1.NBT.3 Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols <, >, and =.

Task 3

Dan has 10 apples. 4 apples are green, and the rest are red. How many red apples does Dan have?

Solve the problem.
Show your thinking with pictures, numbers, or words.

_____ red apples

OPERATIONS AND ALGEBRAIC THINKING
Represent and solve problems involving addition and subtraction.
1.OA.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
Problem-Type*: Put Together/Take Apart-Addend Unknown*
Add and subtract within 20.
1.OA.4 Understand subtraction as an unknown -addend problem.
1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.

Task 4

There were 5 children playing a game. Some more children joined the game. Now there are 12 children playing the game. How many children joined the game?

Solve the problem.
Show your thinking with pictures, numbers, or words.

_____ children

OPERATIONS AND ALGEBRAIC THINKING
Represent and solve problems involving addition and subtraction.
1.OA.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
Problem-Type*: Add To/Change Unknown*
Add and subtract within 20.
1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.

Task 5

There were 8 paintbrushes in the art room. Kim took some paintbrushes for a project. There are 6 paintbrushes left in the art room. How many paintbrushes did Kim take?

Solve the problem.
Show your thinking with pictures, numbers, or words

_____ paintbrushes

OPERATIONS AND ALGEBRAIC THINKING
Represent and solve problems involving addition and subtraction.
1.OA.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
Problem-Type: ***Take From/Change Unknown***
Add and subtract within 20.
1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.

Task 6

Mary has 11 pencils. Jay has 6 pencils. How many fewer pencils does Jay have than Mary?

Solve the problem.
Show your thinking with pictures, numbers, or words.

_____ pencils

OPERATIONS AND ALGEBRAIC THINKING
Represent and solve problems involving addition and subtraction.
1.OA.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
Problem-Type: ***Compare/Difference Unknown- "How many fewer?" version***
Add and subtract within 20.
1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.
Work with addition and subtraction equations.
1.OA.8 Determine the unknown whole number in an addition or subtraction equation relating to three whole numbers. *For example, determine the unknown number that makes the equation true in each of the equations 8 + ? = 11, 5 = ? -3, 6 + 6 = ?*

Task 7

Lee found 6 rocks. Jose found 12 rocks. How many more rocks did Jose find than Lee?

Solve the problem.
Show your thinking with pictures, numbers, or words.

_____ rocks

OPERATIONS AND ALGEBRAIC THINKING
Represent and solve problems involving addition and subtraction.
1.OA.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
Problem-Type*: Compare/Difference Unknown- "How many more" version*
Add and subtract within 20.
1.OA.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.
Work with addition and subtraction equations.
1.OA.8 Determine the unknown whole number in an addition or subtraction equation relating to three whole numbers. *For example, determine the unknown number that makes the equation true in each of the equations 8 + ? = 11, 5 = ? -3, 6 + 6 = ?*

Task 8

Read each number sentence.

CIRCLE True **if you think the number sentence is** correct (right)**.**

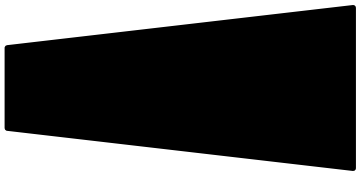
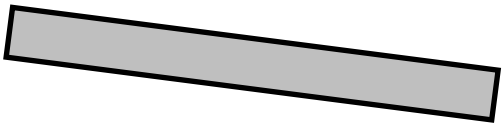
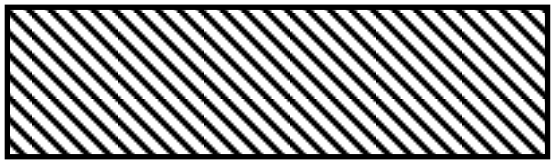
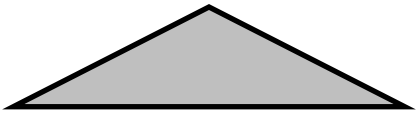
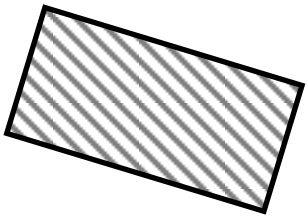
CIRCLE False **if you think the number sentence is** incorrect (wrong).

A	**4 + 6 = 6 + 4**	**True or False**
Explain your reasoning with pictures, numbers, or words.		
B	**6 = 10 - 3**	**True or False**
Explain your reasoning with pictures, numbers, or words.		
C	**5 + 2 = 9 - 2**	**True or False**
Explain your reasoning with pictures, numbers, or words.		

OPERATIONS AND ALGEBRAIC THINKING
Understand and apply properties of operations and the relationship between addition and subtraction.
1.OA.3 Apply properties of operations as strategies to add and subtract.
Work with addition and subtraction equations.
1.OA.7 Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.

Task 9

Circle Yes if the shape is a rectangle. Circle No if it not a rectangle.

A. 	**YES**	**NO**
B. 	**YES**	**NO**
C. 	**YES**	**NO**
D. 	**YES**	**NO**
E. 	**YES**	**NO**
F. 	**YES**	**NO**
G. 	**YES**	**NO**
H. 	**YES**	**NO**

Draw a rectangle. Describe defining attributes of a rectangle.

GEOMETRY
Reason with shapes and their attributes.
1.G.1 Distinguish between defining attributes versus non-defining attributes; build and draw shapes to possess defining attributes.

Student's Name: _____

First Grade Mid-Year Benchmark Assessment
Summary for Conference & Instructional Planning

NUMBER AND OPERATIONS IN BASE TEN			
Task/ Standard	**Proficiency in Performance & Understanding**	**Comments**	**Level**
1 1.NBT.1	Read, write and represent a number of objects with a written numeral.		**_____/3**
2 1.NBT.2 1.NBT.3	Understands place value and compares two digit numbers.		**_____/3**
Summary for Conferences and Instructional Planning:			

OPERATIONS AND ALGEBRAIC THINKING			
Task/ Standard	**Proficiency in Performance & Understanding**	**Comments**	**Level**
3 1.OA.1 1.OA.4 1.OA.6	Accurately uses pictures, number or words to represent and/or solve the problem.		**_____/3**
4 1.OA.1 1.OA.6	Accurately uses pictures, number or words to represent and/or solve the problem.		**_____/3**
5 1.OA.1 1.OA.6	Accurately uses pictures, number or words to represent and/or solve the problem.		**_____/3**
6 1.OA.1 1.OA.6 1.OA.8	Accurately uses pictures, number or words to represent and/or solve the problem.		**_____/3**
7 1.OA.1 1.OA.6 1.OA.8	Accurately uses pictures, number or words to represent and/or solve the problem.		**_____/3**
8 1.OA.3 1.OA.7	Identifies true and false equations, corrects false equations, and justifies		**_____/3**
Summary for Conferences and Instructional Planning:			

GEOMETRY			
Task/ Standard	**Proficiency in Performance & Understanding**	**Comments**	**Level**
9 1.G.1	Correctly identifies a variety of rectangles from an assortment of shapes		**_____/3**

Summary for Conferences & Instructional Planning: