Mathematics Spiral Review Quarter 3.1
Grade 1

Basic Computation *NC.1.OA.6*

9 + 5 = ☐

How can you use the Making a Ten strategy to solve the above equation?

Place Value *NC.1.NBT.2*

How many tens and ones does the number 40 have? Prove it with a drawing!

Estimation *NC.1.NBT.1*

Which number will it take you longer to count up to? 149 or 135

How do you know?

Skill of the Week NC.1.OA.1

There are 8 apples on the table. Mom put some more apples on the table. Now there are 16 apples on the table. How many apples did mom put on the table?

Solve using drawings, objects, and/or words.

Drawing/Picture *NC.1.G.1*

Draw My Shape

- I am a closed figure.
- I have 3 sides.
- I have 3 angles or vertices.

Measurement *NC.K.MD.4*

Look at the table below. Write 3 sentences to describe the data.

Favorite Subject		
Math	Phoebe Star Jerry Jane Mike Jackson Brittany Bryson	8
Science	John Natalie Tim JoAnn Ali Briella	6
Reading	Daniel Bella Tony Ariana	4

Mathematics Spiral Review Quarter 3.2
Grade 1

Basic Computation *NC.1.OA.6*

Solve the equation using a strategy of your choice (Doubles minus one, Making a Ten, using a number line, or others).

8 + 7 = ☐

Place Value *NC.1.NBT.2*

You have 54 pencils. A pencil box holds 10 pencils.

- How many pencil boxes can you fill? How do you know?
- Do you have any leftovers?
- How many leftovers?

Prove your answers with a picture.

Estimation *NC.1.NBT.1*

Which number will it take you longer to count up to? 89 or 118

How do you know?

Skill of the Week NC.1.OA.1

There are 15 pencils on the desk. 7 pencils are green and the rest are blue. How many blue pencils are on the desk?

Solve using drawings, objects, and/or words.

Drawing/Picture *NC.1.G.1*

Draw My Shape

- I am a closed figure.
- I have 4 sides.
- All my sides are equal.
- I have 4 angles or vertices.

Measurement *NC.K.MD.4*

Look at the table below. Write 3 sentences to describe the data.

Favorite Color		
Blue	Jane Mike Jackson Brittany Bryson	5
Green	John Natalie Tim JoAnn Ali William Marla Genecis	8
Yellow	Daniel Bella Tony Ariana Briella	5

Mathematics Spiral Review Quarter 3.3
Grade 1

Basic Computation *NC.1.OA.6*

Solve the equation using a strategy of your choice (Doubles minus one, Making a Ten, using a number line, or others).

5 + 7 = ☐

Estimation *NC.1.NBT.1*

Which number will it take you longer to count up to? 136 or 98

How do you know?

Drawing/Picture *NC.1.G.1*

Draw My Shape

- I am a closed figure.
- I have 4 sides.
- I have 4 angles or vertices.
- One pair of my sides are parallel.

Place Value *NC.1.NBT.2*

92 and 29

How are these two numbers the same? How are these two numbers different?

Skill of the Week NC.1.OA.3

There are 6 blue toy cars, 7 green toy cars, and 4 yellow toy cars. How many cars are there?

Solve using any strategy of your choice.

Measurement *NC.K.MD.4*

Look at the table below. Write 3 sentences to describe the data.

Favorite Drink		
Water	Michael Ava Christy Denise Eve Chris	6
Juice	Savadra Mark Elijah Jamal Jose Chiquita Donald Maria	8
Soda	Jacob Axel Ariana Isabel Jackson Bryson Darla Bella William Jamie	10

Mathematics Spiral Review Quarter 3.4
Grade 1

Basic Computation *NC.1.OA.6*

Solve the equation using a strategy of your choice (Doubles minus one, Making a Ten, using a number line, or others).

12 - 6 = ☐

Place Value *NC.1.NBT.5*

There are 34 pencils in the pencil holder. We add 10 more pencils. How many pencils are in the pencil holder now? Explain how you solved this problem using pictures and/or words.

Estimation *NC.1.NBT.1*

Which number will it take you longer to count up to? 54 or 64

How do you know?

Skill of the Week NC.1.OA.7

True or False:

$$5 + 4 = 4 + 5$$

Use objects, drawings, or words to explain your thinking.

Drawing/Picture *NC.1.G.1*

Draw My Shape

- I am a closed figure.
- I have no angles or vertices.
- I have no sides.

Measurement *NC.1.MD.2*

About how many paper clips long is the pair of scissors? If I used a new pencil to measure how long the pair of scissors is, would the answer change? Why or why not?

Mathematics Spiral Review Quarter 3.5
Grade 1

Basic Computation *NC.1.OA.6*

Solve the equation using a strategy of your choice (Doubles minus one, Making a Ten, using a number line, or others).

15 - 6 = ☐

Place Value *NC.1.NBT.6*

There are 40 birds on the power line. 20 birds fly away. How many birds are on the power line now? Explain how you solved the problem using pictures and/or words.

Estimation *NC.1.NBT.3*

65 49

Which number is less?

How do you know?

Skill of the Week NC.1.NBT.4

The class planted 46 daisies and 20 roses in the school garden. How many flowers did they plant in the school garden?

Solve using Quick Tens & Ones, Number Line, or Ten Frames.

Drawing/Picture *NC.1.G.1*

Draw a 2D shape. Then write 3 sentences describing your shape using defining attributes.

Measurement *NC.1.MD.1*

Put these tools in order from shortest to longest. Explain how you know.

Mathematics Spiral Review Quarter 3.1-3.5
Grade 1 **Answer Key**

Basic Computation *(NC.1.OA.6)*

3:1: 14; see note
3:2: 15; see note
3:3: 12; see note
3.4: 6; see note
3:5: 9; see note

Note: Students should use efficient strategies to solve addition and subtraction equations within 20, including but not limited to Making a Ten, Doubles plus one/minus one, number line, counting on, etc. Using fingers to add and subtract does not lead to building +/- fluency for students.

Estimation *(NC.1.NBT.1, NC.1.NBT.3)*

3.1: 149. It comes after 135 (looked at number line, etc).
3.2: 118. It comes after 89 (looked at number line, etc).
3.3: 136. It comes after 98 (looked at number line, etc).
3.4: 64. It comes after 54 (looked at number line, etc).
3.5: 49 is less because it comes before 64 when counting. 49 have 4 tens and 9 ones; 64 has 6 tens and 4 ones; 4 tens are less than 6 tens. Therefore, 49 is less than 64.

Drawing/Picture *NC.G.1*

3.1: accurate drawing of a triangle
3.2: accurate drawing of a square
3.3: accurate drawing of a trapezoid
3.4: accurate drawing of a circle
3.5: Students should have an accurate drawing and correct sentences using defining attributes to describe their shape.

Place Value *(NC.1.NBT.2, 3, 5, & 6)*

3.1: 4 tens & no extra ones; accept appropriate & correct drawings
3.2: 5 boxes; 4 leftover pencils; accept appropriate & correct drawings
3.3: Both have the digits 9 and 2. 92 is different because the 9 is in the tens place and the 2 is in the ones place; in 29, the 2 is in the tens place and 9 in the ones place
3.4: 44 pencils; 34 is 3 tens; 10 is one ten; 3 tens plus one ten is 4 tens; so 34 and 10 more is 44; accept reasonable drawings and explanations
3.5: 20 birds; I drew 4 tens frames for a total of 40; then took t ten frames away. That leaves 2 tens frames for a total of 20; accept reasonable drawings and explanations

Skill of the Week *(NC.1.OA.1, 3, 7, NC.1.NBT.4)*

3.1: 8; accept correct drawings or explanations
3.2: 8; accept correct drawings or explanations
3.3: 7; accept correct strategies
3.4: True; accept correct responses with explanations
3.5: 66 flowers; accept correct drawings/strategies or explanations

Measurement *(NC.K.MD.1 & 2)*

3:1: Answers will vary and should reflect the data.
3.2: Answers will vary and should reflect the data.
3.3: Answers will vary and should reflect the data.
3.4: About 5 paper clips long; yes, the answer would change because the pencil is longer than the paperclip. I would need fewer pencils.
3.5: Paper Clip, Highlighter, Scissors; Students should use reasoning to explain – example: if the highlighter is shorter than the scissors, and the paper clip is shorter than the highlighter, the paper clip is also shorter than the scissors.