CCSS Mathematics Assessment Task
Counting and Comparing Numbers

Grade Level: Kindergarten

Mathematics Domain and Cluster: Domain: Counting and Cardinality Cluster: Compare numbers

Common Core standard(s) being assessed (if the task is intended to assess only one part of the standard, underline that part of the standard): K.CC.5: <u>Count to answer "how many?" questions about as many as 20 things arranged in a line</u>, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects. K.CC.7: Compare two numbers between 1 and 10 presented as written numerals.

Student Materials: ● Counting and Comparing Numbers Assessment ● Pencil

Teacher Materials: ● None

Directions (for teacher to administer assessment task): ● Pass out Counting and Comparing Numbers Assessment. ● Read the directions to the students. **Teacher Note: To check for better understanding of this standard, you can ask a student how he/she knows which number is more or less (e.g. 5 is less because it comes before 7). You can also ask if the student knows a number that is one less or one more than a given number.**

Prompt: For numbers 1, say: **Count the circles in each group and write the number on the line below it.** **Then circle the number that is more.** mbers 2, say: **Count the triangles in each group and write the number on the line below it.** **Then circle the number that is more.** For numbers 3, say: **Count the hearts in each group and write the number on the line below it.** **Then circle the number that is less.** For numbers 4, say: **Count the stars in each group and write the number on the line below it.** **Then circle the number that is less.** mbers 5, say: **Count the squares in each group and write the number on the line below it.** **Then circle the numbers if they are the same.**

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For numbers 6, say: **Count the happy faces in each group and write the number on the line below it. Then circle the numbers if they are the same.**

Correct or Model Answer:
Comparing Numbers Interview
1. 8, 5 , circle 8
2. 1, 6, circle 6
3. 4, 3, circle 3
4. 10, 2, circle 2
5. 9, 7, no circle around any of the numbers
6. 3, 3 circle both numbers

Scoring Guide/Rubric (a score should be awarded for each criterion below)			
Criteria (CCSS code)	**0 points**	**1 Point**	**2 Points**
Count to answer "how many?" questions about as many as 20 things. (K.CC.5)	Student does not count accurately.		Student able to count accurately. (If student has one small error, point to that item and ask the student to recount it for you as you observe. If student can do it correctly, award 2 points.)
Compare two numbers between 1 and 10 presented as written numerals. (K.CC.7)	Student does not recognize which number is more, less or the same.	Student is able to recognize which number is more, less OR same. (Student is able to do at least one of the 3 consistently but unable to do all 3.)	Student is able to consistently recognize which number is more, less and the same.

Name_____Date_____

Counting and Comparing Numbers Assessment
Kindergarten Mathematics Assessment

1. Count the circles in each group and write the number on the line below it. Then circle the number that is more.

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2. Count the triangles in each group and write the number on the line below it. Then circle the number that is more.

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3. Count the hearts in each group and write the number on the line below it. Then circle the number that is less.
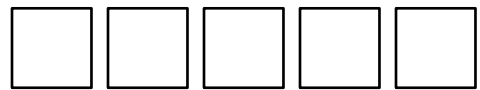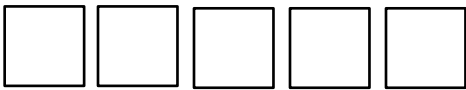
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4. Count the stars in each group and write the number on the line below it. Then circle the number that is less.

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5. Count the squares in each group and write the number on the line below it. Then circle the number that is more.

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6. Count the happy faces in each group and write the number on the line below it. Then circle the numbers if they are the same.

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