

Assessment Master  
Grade 1  
Westlake City Schools

Name \_\_\_\_\_

Date \_\_\_\_\_

End-of Unit Assessment – Mathematical Thinking  
(Counting 14-20)

Task 1A. Draw 14 circles in the space below.

Task 1B. How many more circles do you need to draw to have 20 in all? Add these to the circles you have drawn.

Assessment Master  
Grade 1  
Westlake City Schools

Name \_\_\_\_\_ Date \_\_\_\_\_

**End-of Unit Assessment – Mathematical Thinking  
(Number Combinations Using 9 Shapes)**

**Task 2.** You have 9 shapes. Some of them are circles, and some of them are squares. How many of each shape could you have? Find three solutions.

Assessment Master  
Grade 1  
Westlake City Schools

Name \_\_\_\_\_

Date \_\_\_\_\_

**End-of Unit Assessment – Mathematical Thinking  
(Representation of Combining Groups of Animals)**

**Task 3.** At the zoo, the children saw many animals. There were 2 monkeys on a tree, 4 tigers on the ground, 3 lions in a den, and 2 zebras inside a fenced area. How many animals did the children see?

Assessment Master  
Grade 1  
Westlake City Schools

Name \_\_\_\_\_ Date \_\_\_\_\_

End-of Unit Assessment - Mathematical Thinking  
(Continuing/Creating Patterns)

Task 4A. Continue this pattern:



Task 4B. Now make a different pattern of your own.

Assessment Master  
Grade 1  
Westlake City Schools

Name \_\_\_\_\_

Date \_\_\_\_\_

## End-of Unit Assessment - Mathematical Thinking

**Task 5.** A class of first grade students did a survey of what they like to eat for lunch. There were 25 students present the day they took the survey.

- 10 students like pizza.
- 8 students like hamburgers.
- 7 students like peanut butter and jelly sandwiches.

---

Make a representation of these survey results.

---

Math Rubric Master  
Grade 1  
Westlake City Schools

**Math Problem-Solving: Mathematical Thinking – Counting 14-20**

<b>Category</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Accuracy</b>	No response or incorrect response			Counts 14 accurately
<b>Keeping track of circles</b>	No apparent way of keeping track	Randomly draws circles	Shows evidence of making an adjustment	Shows organization
<b>Strategy for finding how many more circles</b>	No use of strategy	Counts circles repeatedly	Counting on	Shows evidence of knowing number combinations

Math Rubric Master  
Grade 1  
Westlake City Schools

**Math Problem-Solving: Mathematical Thinking - Representation of Combining Groups of Animals**

<b>Category</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Accuracy and recording</b>	No response or incorrect response	Draws just pictures or numbers	Draws pictures or numbers but no total	Draws pictures or numbers and provides total number of animals
<b>Representation</b>	No response or incorrect response	Draws pictures, manipulatives or symbols	Draws pictures, manipulatives, or symbols and includes the corresponding number	Writes number sentences
<b>Ways of finding the total number of animals</b>	No response or incorrect response	Counts on fingers or needs a suggestion to use a tool (cubes, number line, etc.)	Uses tools or symbols to find total	Uses number combinations to find totals

Math Rubric Master  
Grade 1  
Westlake City Schools

**Math Problem-Solving: Mathematical Thinking - Continuing/Creating Patterns**

<b>Category</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Ability to continue a pattern</b>	Unable to continue the pattern or no response			Accurately continues the pattern
<b>Creates different patterns</b>	No response or incorrect response	Creates a 2-character pattern (ab)	Creates a 3-character pattern (abb, aab, abc)	Creates a pattern with 4 or more characters per unit (abcd, abcd)
<b>Records patterns accurately</b>	No response or incorrect response	1 repeat of pattern	2 repeats of pattern	3 or more repeats of pattern

Math Rubric Master  
Grade 1  
Westlake City Schools

**Math Problem-Solving: Mathematical Thinking – Representing Survey Data**

<b>Category</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Representation</b>	No response or incorrect response	1 out of 3 categories correct	2 out of 3 categories correct	Draws all 3 categories correct
<b>Recording solutions</b>	No attempt at recording solutions	Some attempt at recording solutions	Includes required number of representations with some inaccuracies	Representation meets criteria; no inaccuracies