

# COMMON CORE CONNECTIONS

# MATH

**Focused Skill Practice**

Name \_\_\_\_\_

Read the number on each dog dish. Draw that number dog.

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K.CC.3, K.CC.5

Name \_\_\_\_\_

Count the dots on each wing. Color the wing that has more.

K.CC.6

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I can tell if a group is greater than another group.

- Includes assessment and targeted practice pages
- Ideal for remediation and individualization
- Excellent resource for teachers and parents
- Aligns with the Common Core State Standards



# **Common Core Connections**

# **Math**

## **Grade K**

Carson-Dellosa Publishing, LLC  
Greensboro, North Carolina

# Introduction

## What are the Common Core State Standards for Mathematics?

The standards are a shared set of expectations for each grade level in the area of mathematics. They define what students should understand and should be able to do. The standards are designed to be more rigorous and allow for students to justify their thinking. They reflect the knowledge that is necessary for success in college and beyond.

The following are Standards for Mathematical Practices as outlined in the Common Core State Standards:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.\*

## How to Use This Book

The book is a collection of practice pages aligned to the Common Core State Standards for Mathematics as appropriate for kindergarten. Included is an alignment matrix so that you can see exactly which standards are addressed on each practice page. Also included are a skill assessment and skill assessment analysis. Use the assessment at the beginning of the year or at any time of year you wish to assess your students' mastery of certain standards. The analysis connects each test item to a practice page or set of practice pages so that you can review skills with students who struggle in certain areas.

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# Common Core State Standards\* Alignment Matrix

Pages	K.CC.1	K.CC.2	K.CC.3	K.CC.4	K.CC.4a	K.CC.4b	K.CC.4c	K.CC.5	K.CC.6	K.CC.7	K.OA.1	K.OA.2	K.OA.3	K.OA.4	K.OA.5	K.NBT.1	K.MD.1	K.MD.2	K.MD.3	K.G.1	K.G.2	K.G.3	K.G.4	K.G.5	K.G.6
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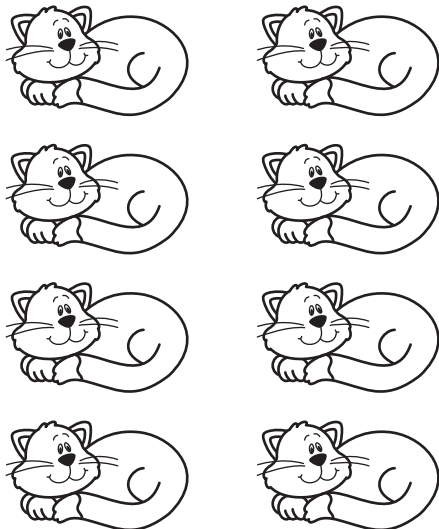
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# Common Core State Standards\* Alignment Matrix

Pages	K.CC.1	K.CC.2	K.CC.3	K.CC.4	K.CC.4a	K.CC.4b	K.CC.4c	K.CC.5	K.CC.6	K.CC.7	K.OA.1	K.OA.2	K.OA.3	K.OA.4	K.OA.5	K.NBT.1	K.MD.1	K.MD.2	K.MD.3	K.G.1	K.G.2	K.G.3	K.G.4	K.G.5	K.G.6
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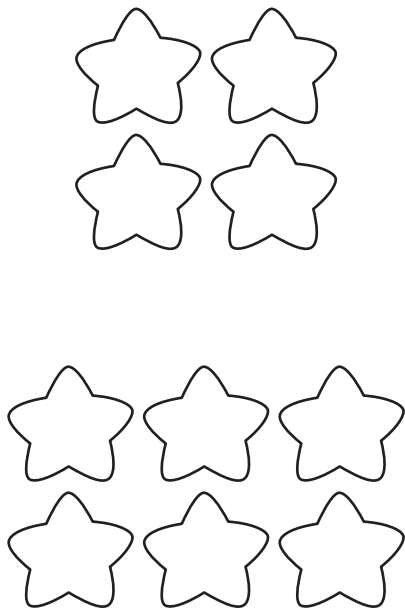
Solve the problems.

1. Count the cats. Write the number.

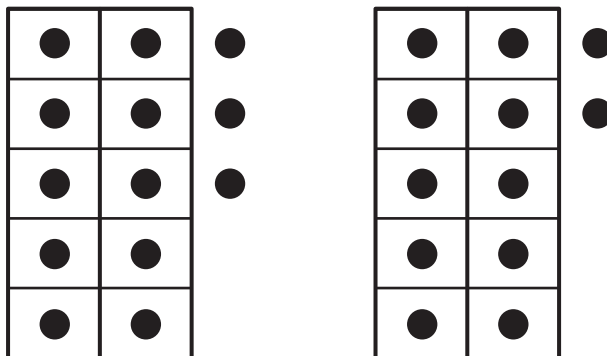


2. Draw 5 squares.

3. Circle the set that has more.

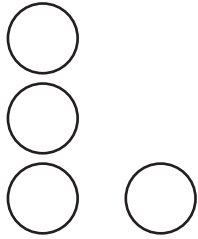


4. Which picture shows 13? Circle your answer.



Solve the problems.

5.



$$3 + 1 = \underline{\quad}$$

6. Circle all of the ways to make 5.

2 and 3

4 and 0

1 and 4

3 and 2

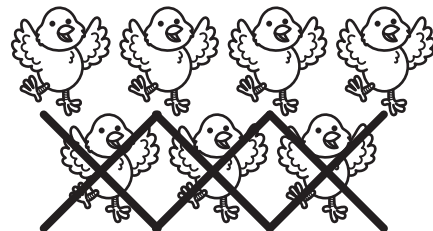
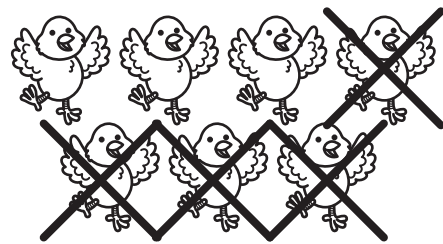
5 and 1

5 and 0

7. Kim has 9 pencils. She gives her brother 2 pencils. How many pencils does Kim have left?

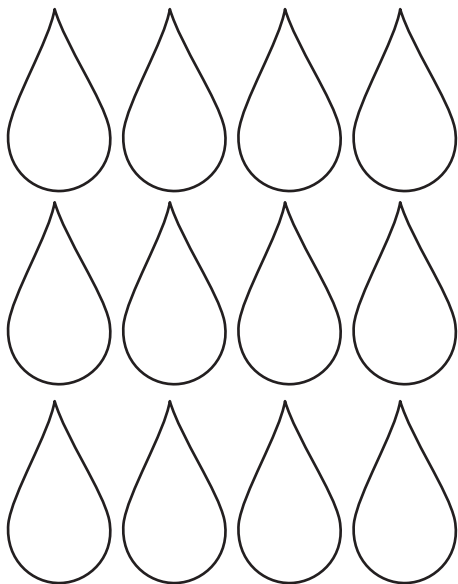
\_\_\_\_\_ pencils

8. Which picture shows  $7 - 3 = 4$ ?  
Circle your answer.



Solve the problems.

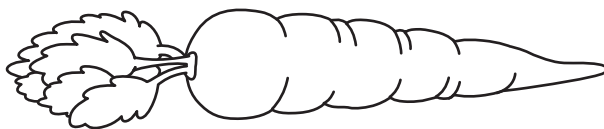
9.



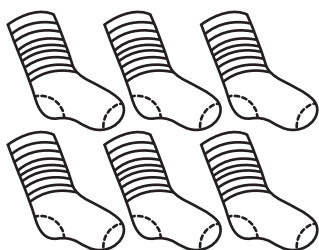
How many tens? \_\_\_\_\_

How many ones? \_\_\_\_\_

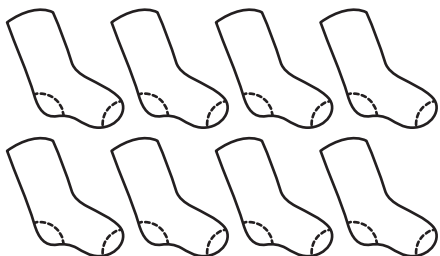
10. Color the shorter object.



11. Min sorted his socks. Count each set. Write the numbers. Circle the set that has less.

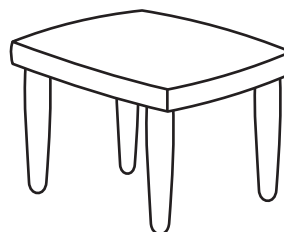


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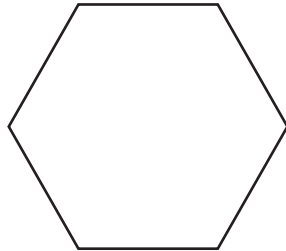
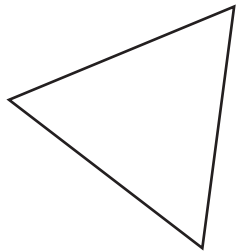
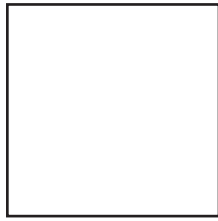
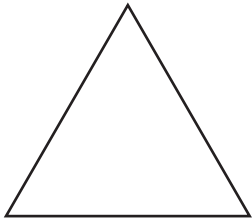
12. Circle the heavier object.



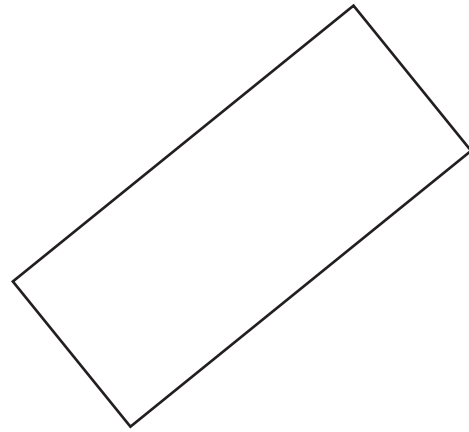


Solve the problems.

13. Circle the shape that is the same as the first shape.



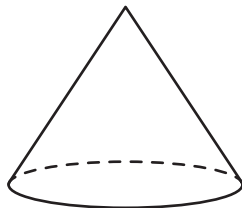
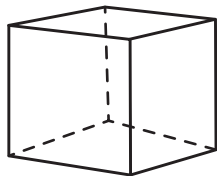
14.



How many sides? \_\_\_\_\_

How many corners? \_\_\_\_\_

15. Is the cone above or below the cube? Circle your answer.



above

below

16. Draw a shape that is made up of two triangles.

After you score each student’s skill assessment, match any incorrectly answered problems to the table below. Use the corresponding practice pages for any problem areas and provide each student remediation in those areas to strengthen those skills.

Answer Key: 1. 8 cats; 2. Check students’ drawings for 5 squares. 3. The set of 6 stars should be circled. 4. The ten frame with 3 extra dots should be circled. 5. 4; 6. 2 and 3, 1 and 4, 3 and 2, 5 and 0; 7. 7 pencils; 8. The picture of 7 chicks with 3 crossed out should be circled. 9. 1 ten, 2 ones; 10. The bottom carrot should be colored. 11. 6 and 8, The set of striped socks should be circled. 12. The table should be circled. 13. The third shape (triangle) should be circled. 14. 4 sides, 4 corners; 15. below; 16. Answers will vary but may include a square, rectangle, or parallelogram.

Common Core State Standards*		Test Item(s)	Practice Page(s)
Counting and Cardinality			
Know number names and the count sequence.	K.CC.1–K.CC.3	1	12, 13, 16, 19, 22, 25, 28, 32–37
Count to tell the number of objects.	K.CC.4 and K.CC.5	2, 4	12–36, 38–42, 48, 52
Compare numbers.	K.CC.6 and K.CC.7	3	43–54
Operations and Algebraic Thinking			
Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	K.OA.1–K.OA.5	5–8	55–66
Number and Operations in Base Ten			
Work with numbers 11–19 to gain foundations for place value.	K.NBT.1	9	67–69
Measurement and Data			
Describe and compare measurable attributes.	K.MD.1 and K.MD.2	10, 12	70–75
Classify objects and count the number of objects in each category.	K.MD.3	11	76
Geometry			
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).	K.G.1–K.G.3	13, 15	77–86, 89
Analyze, compare, create, and compose shapes.	K.G.4–K.G.6	14, 16	85–90