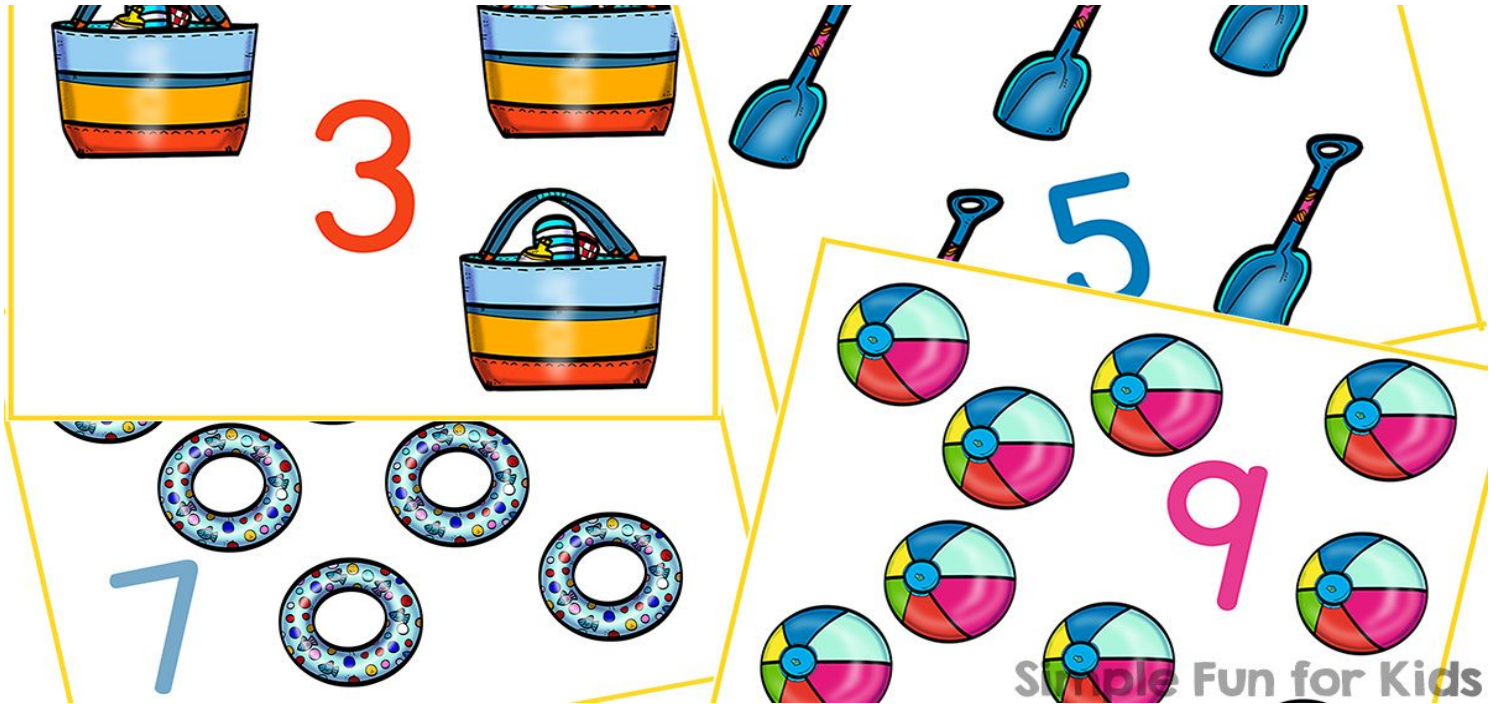


# *You're Off to First Grade!*

## Summer Math Packet

Johnston Public Schools



Student's Name \_\_\_\_\_

Parent's Signature \_\_\_\_\_

First Grade Teacher \_\_\_\_\_

**19 June 2018**

**Dear Parents,**

**Attached is your child's Summer Math Packet for students entering First Grade. We have included pages that will provide review and reinforcement of the topics that we have introduced this year. Please have your child spend some time (5-10 minutes) working on the packet each day. A regular homework routine will help to acclimate your child when he/she returns to school. Your child will need to return this packet to their first grade teacher. Thank you!**

**Math Expectations for Incoming First Graders:**

- **Know number names and the count sequence**
- **Count to tell the number of objects**
- **Compare numbers**
- **Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from**
- **Solve simple addition and subtraction sentences to 10 (use of manipulatives is acceptable)**
- **Identify the number of objects in a group**
- **Use one-to-one correspondence**
- **Count to 100**
- **Identify and write numbers to 100**
- **Count by 10's to 100**
- **Sort and classify by color, shape, and size**
- **Identify and describe basic and 3D shapes**
- **Analyze, compare, create, and compose shapes**
- **Interpret and fill-in data on a graph**
- **Measure lengths using non-standard measurement**

1. CC.K.CC.3 Write the numerals 0-20 in order.

<b>0</b>						
						<b>20</b>

2. CC.K.CC.2, CC.K.CC.3 Write the missing numbers.

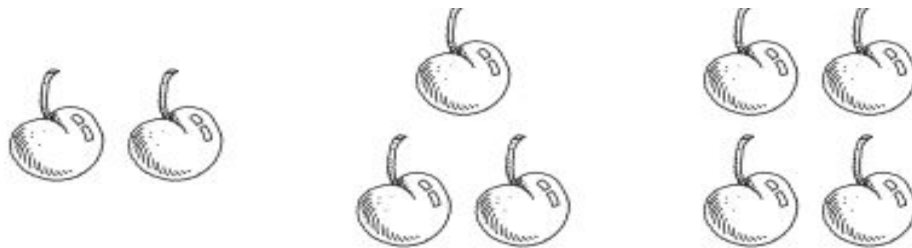
**9 10 \_\_\_\_\_**

**13 \_\_\_\_\_ 15**

3. CC.K.CC.1 Fill in the missing numbers.

10			40	
	70			

4. CC.K.CC.3, CC.K.CC.4, CC.K.CC.5 Count the cherries. Write how many on the line.



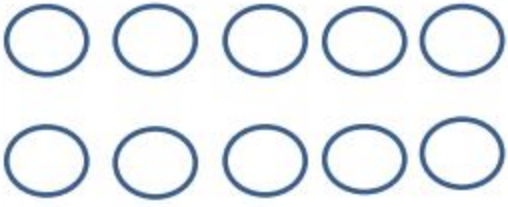
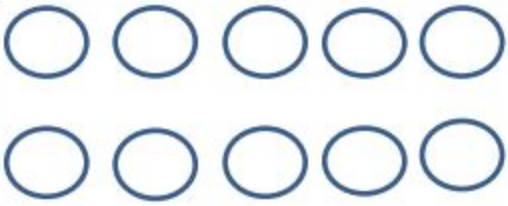

How many? \_\_\_\_\_

5. CC.K.CC.4b Mark under the set that matches the word at the beginning of the row.

nine



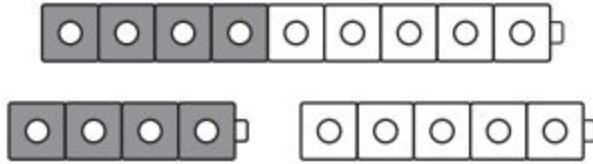
6. CC.K.CC.4 Color the number of circles needed to match each number.

6	
3	
8	

7. CC.K.OA.2

Bob has 6 crayons. Tom gave Bob 3 more crayons. How many crayons does Bob have now? Show your thinking with objects, words, pictures, or numbers.

8. CC.K.OA.2 Mark beside the subtraction sentence that shows show the cube train being taken apart.



- $8 - 5 = 3$      
   $9 - 6 = 3$      
   $9 - 5 = 4$

9. CC.K.CC. 2 Begin with 71 and count to 100. Fill in the missing number.

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	—	87	88	89	90
91	92	93	94	95	96	97	98	99	100

77

86

90



10. CC.K.OA.1 Mark beside the addition sentence that shows the counters put together.

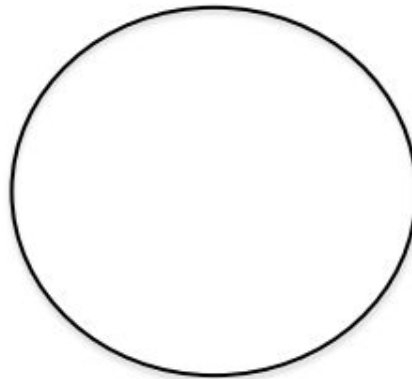
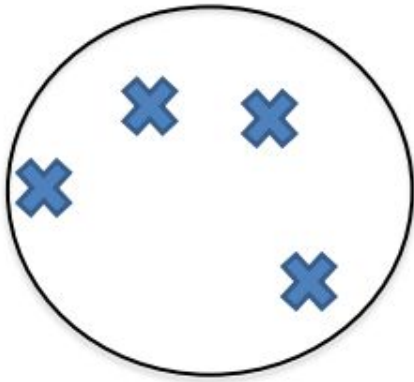


$4 + 1$

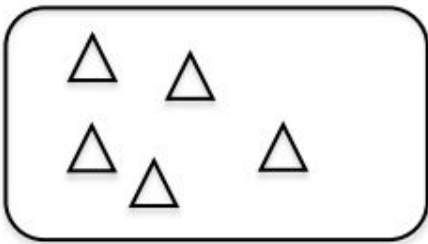
$3 + 2$

$3 + 1$

11. CC.K.CC.6 Draw a set that has more.



Draw a set that has less.



12. CC.K.OA.2 There are some fish. Three more join them. Now there are 6 fish. How many fish were in the set to start with?



$$\underline{\quad} + 3 = 6$$

2



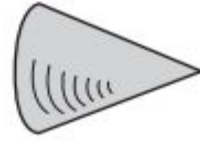
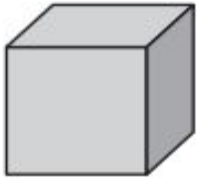
3



6



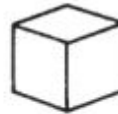
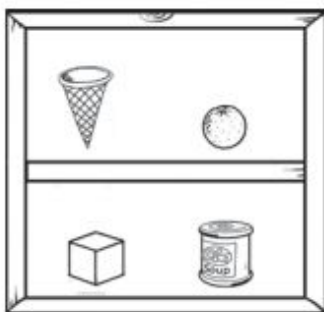
13. CC.K.G.4 Mark under the shape that stacks and slides.



14. CC.K.G.2 Mark under the object that is shaped like a cylinder.



15. CC.K.G. 4 Mark under the object that is next to the object that is shaped like a cylinder.





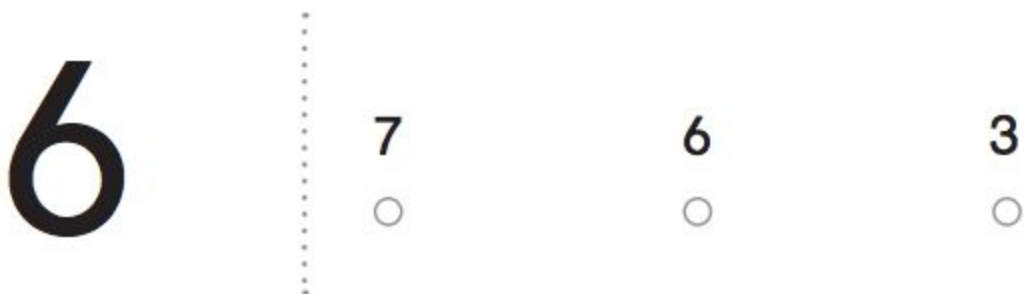
16. CC.K. OA.4 Mark beside the cube train that shows a way to make ten.



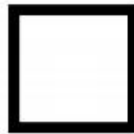
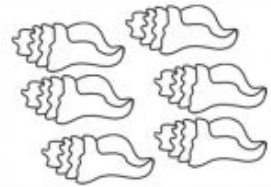
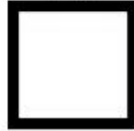
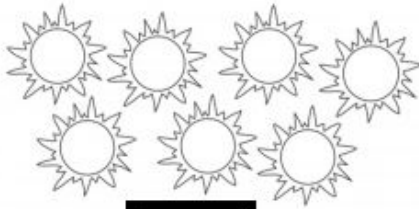
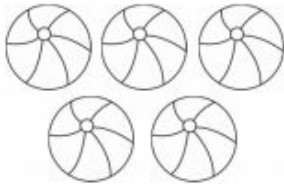
17. CC.K.CC.2 Count forward. Mark under the number that completes the counting order.



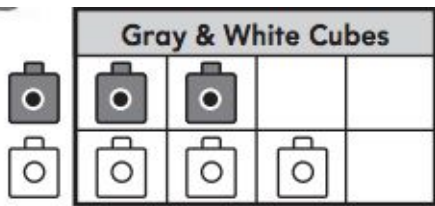
18. CC.K.CC.7 Mark under the number that is less than the number at the beginning of the row.



19. CC.K.CC.3, CC.K.CC.4, CC.K.CC.5 Count the objects. Write the number to tell how many.



20. CC.K.MD.3 Look at the graph. Mark under the number that shows how many white cubes.



1



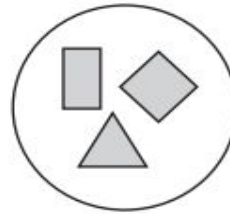
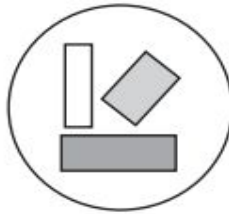
2



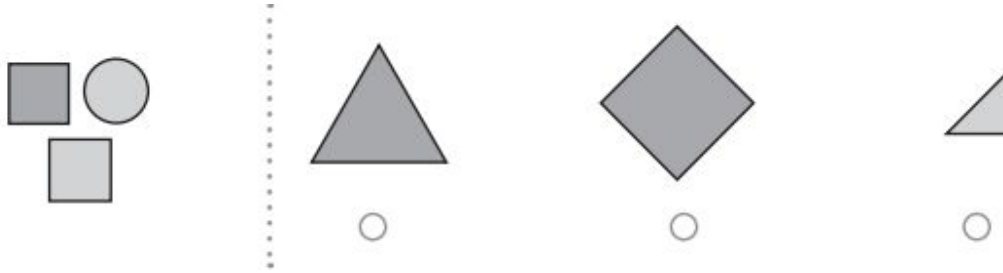
3



21. CC.K.G.2 Mark under the shapes that are sorted and classified by rectangles.



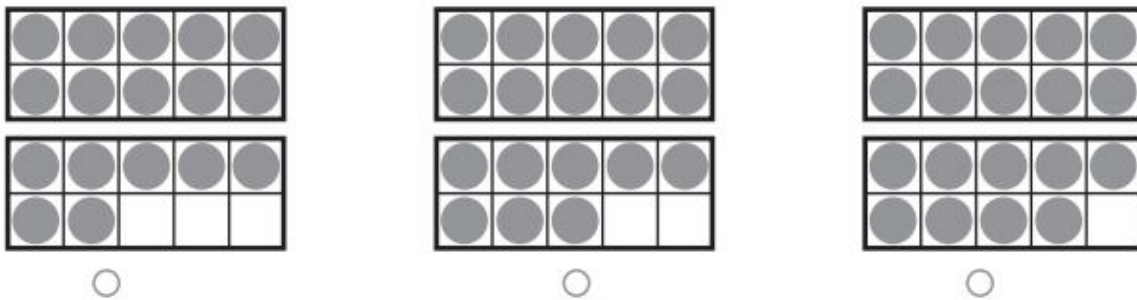
22. CC.K.MD.3 Look at the set at the beginning of the row. Mark under the shape that belongs in the row.



23. CC.K.CC.3 Mark under the set that shows how many.



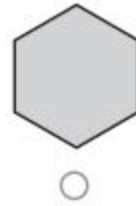
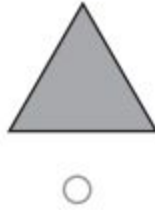
24. CC.K.NBT.1 Mark the set that show 18.



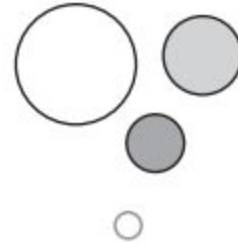
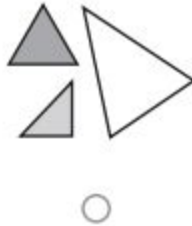
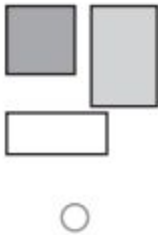
25. CC.K.K.G.4 Mark under the number that shows how many sides the square has.



26. CC.K.K.G.2 Mark under the shape that is a hexagon.

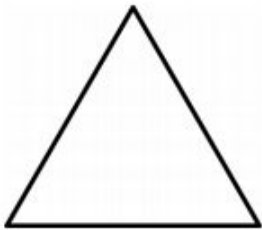


27. CC.K.K.G.4 Mark under the set that has a set of shapes that have 4 vertices or corners.

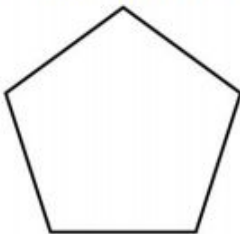


28. CC.K.K.G.4 Solve.

a. How many sides in a triangle? \_\_\_\_\_



b. How many vertices on a pentagon? \_\_\_\_\_



**29. CC.K.CC.6** Mark under the set that has a number of trucks greater than the number of trucks at the beginning of the row.

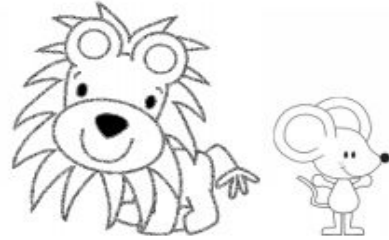
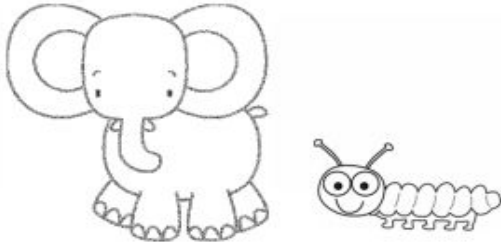


**30. CC.K.CC.6, CC.K.OA.1** Pam has a number of apples that is greater than 5 and less than 7. Cody has a number of apples that is two less than 8. Write how many apples each child has. Compare the numbers.

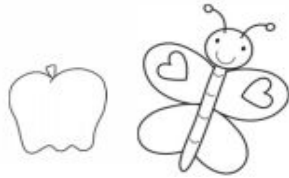
**31. K.CC.C.6, CC.K.OA.1** Peg has 11 berries. She has a number of berries two greater than Ron. Draw a picture to show the sets of berries. Compare the sets. Which set has a larger amount? Write how many in each set. Circle the greater number.

32. CC.K.MD.2 Circle the object.

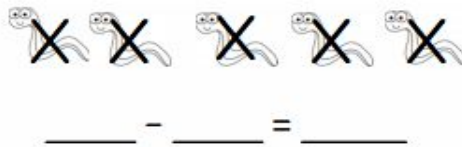
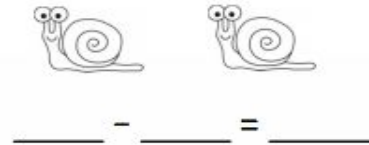
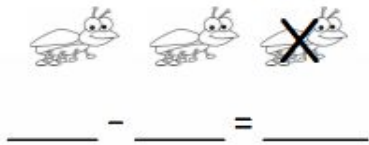
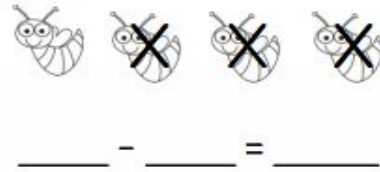
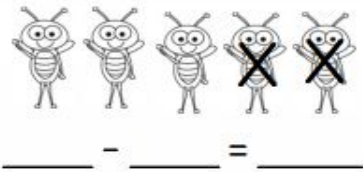
Circle the object that would be heavier.



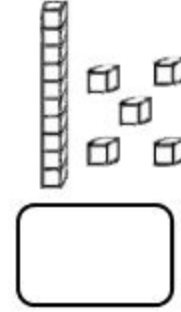
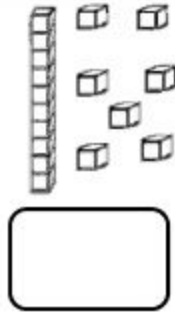
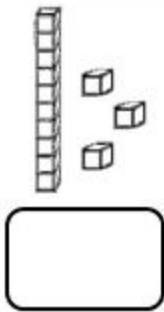
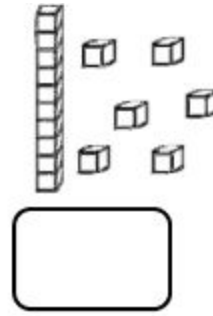
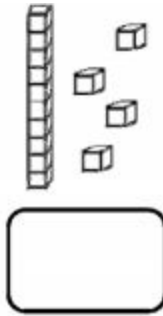
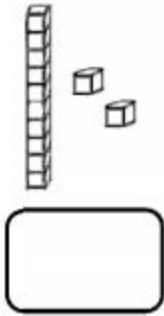
Circle the object that would be lighter.



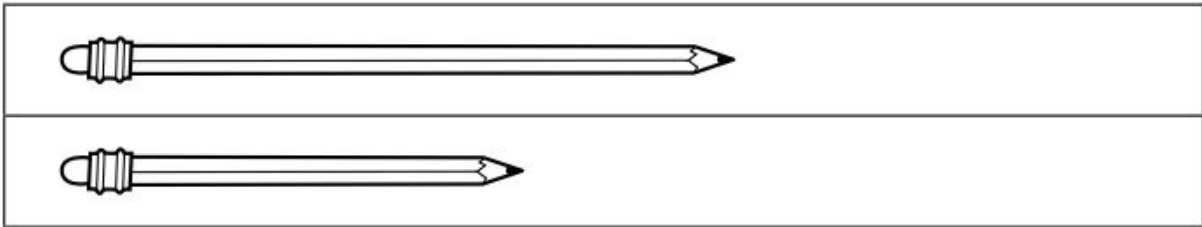
33. CC.K.OA.5 Write and solve the subtraction problems.



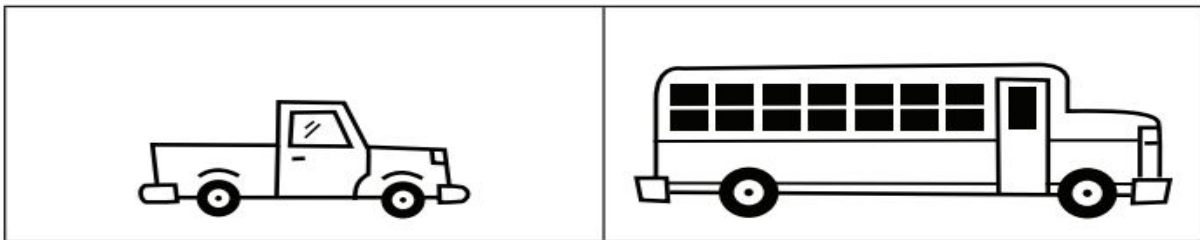
34. CC.K.CC.5 Write the number that tells how many.



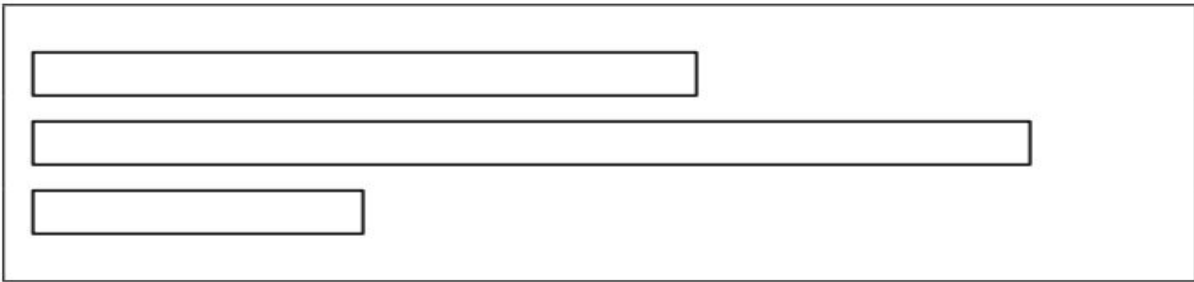
36. CC.K.MD.2 Put a red X on the longer pencil. Color the shorter pencil yellow.



37. CC.K.MD.2 Color the longer vehicle yellow. Draw a circle around the shorter vehicle.




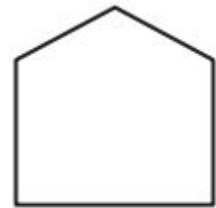
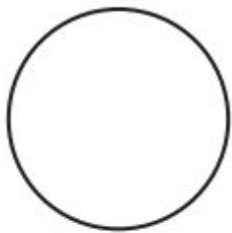
38. CC.K.MD.2 Color the longest ribbon blue. Color the shortest ribbon red.



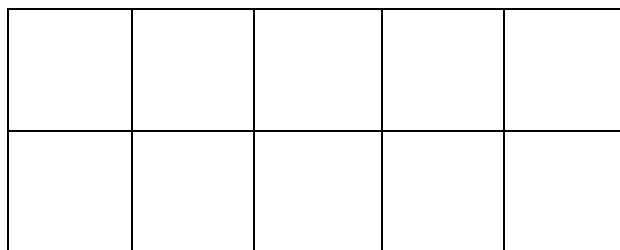
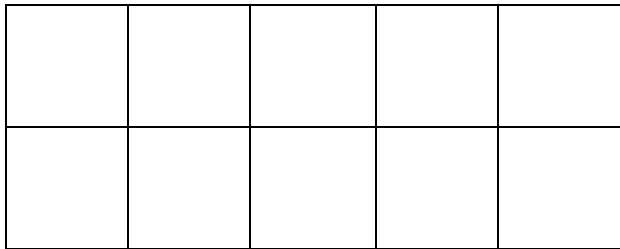
39. CC.K.K.G.2 Which shape could it be?

Clues           
straight sides

  
4 corners

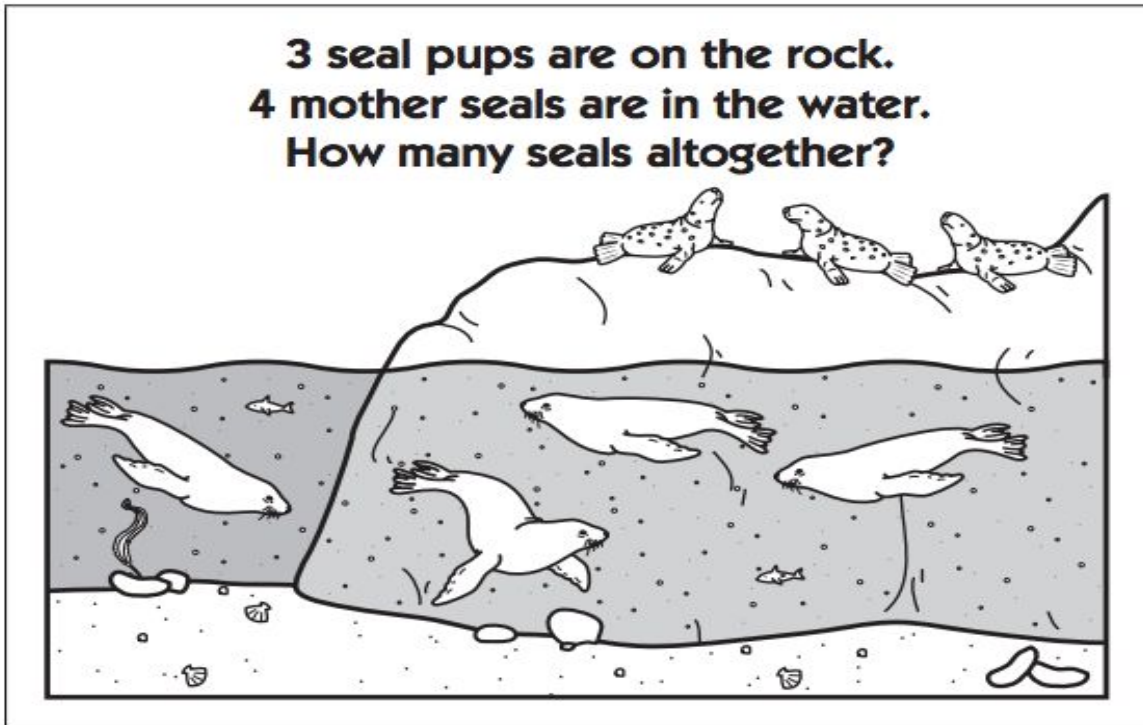


40. CC.K.NBT.1 Draw counters to show the number 16.





41. CC.K.OA.2 Solve the story problem. Show your work.



Complete the number sentence to match the picture.

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

42. CC.K.NBT.1 Draw counters to show the number 19.



**43. CC.K.OA.2 Complete the picture to solve the story problem.**

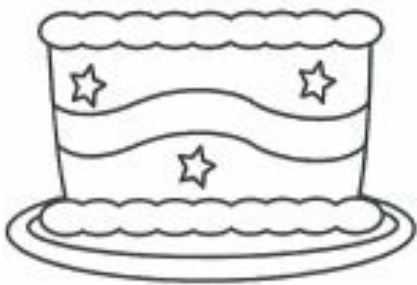
1. Sally has 4 goldfish. She bought 2 blue fish and added them to the fishbowl. How many fish does Sally have in all?



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

**44. CC.K.OA.2 Solve the story problem.**

2. Nick added 3 red candles to the cake. He added 1 purple candle. How many candles are on the cake?

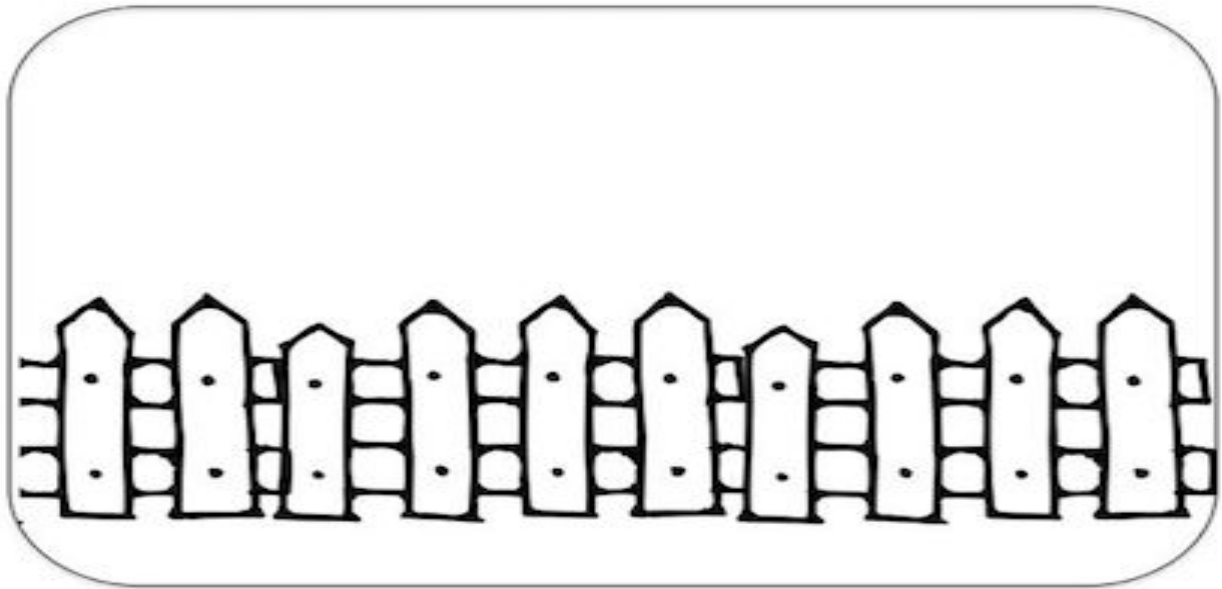


$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

45. CC.K.OA.2 Solve the story problem.

Name \_\_\_\_\_

## Bugs on the Fence



There were \_\_\_\_\_ bugs on the fence.  
Then \_\_\_\_\_ more hopped on. Now there  
are \_\_\_\_\_ bugs altogether.

My equation:

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

45. CC.K.CC.1 Practice counting to 100.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Here are additional programs, Apps and sites to practice on your devices:

**Math Apps**

- Number Frames
- Butterfly Math
- Counting Caterpillar
- Park Math

**Math Websites**

- [mathplayground.com](http://mathplayground.com)
- [prodigygame.com](http://prodigygame.com)
- [abcya.com](http://abcya.com)

The tablet screen displays the following content:

- Top-left: A tree with 5 apples. Text: "If 2 apples fall, how many remain?". Options: 2, 3, 4. Equation:  $5 - 2 = ?$
- Top-right: A calculator interface showing  $6 + 4 = 10$  and  $8 + \square = 10$ .
- Middle-right: A large number 8 with butterflies and a basket.
- Bottom-left: Prodigy logo.
- Bottom-middle: ABC Ya logo.
- Bottom-right: Math Playground logo.

*Enjoy your summer!*