

A Story of Units

Pleasanton Mathematics Curriculum



Grade K • MODULE 1

Numbers to 10

Homework

Video tutorials: http://embarc.online Info for parents: http://bit.ly/pusdmath

Version 3



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Numbers to 10

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Module A	Assessments



Name _____ Date _____

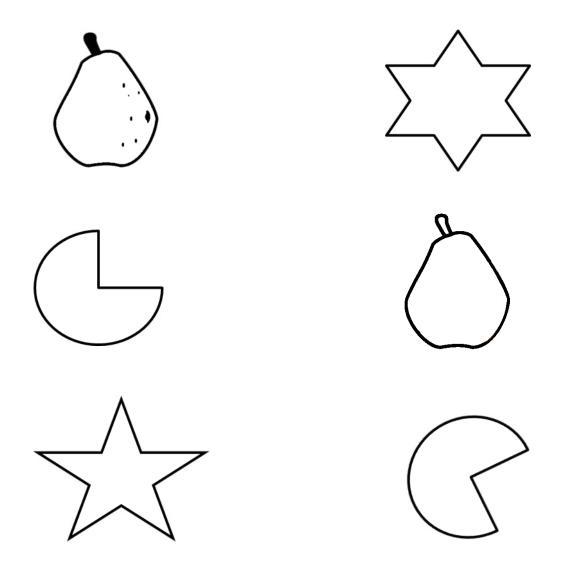
Color the things that are the same. Color them so that they look like each other.





Lesson 1: Analyze to find two objects that are *exactly the same* or *not exactly the same*.

Draw a line between two objects that match. Use your words. "These are the same, but this one is ______, and this one is _____."

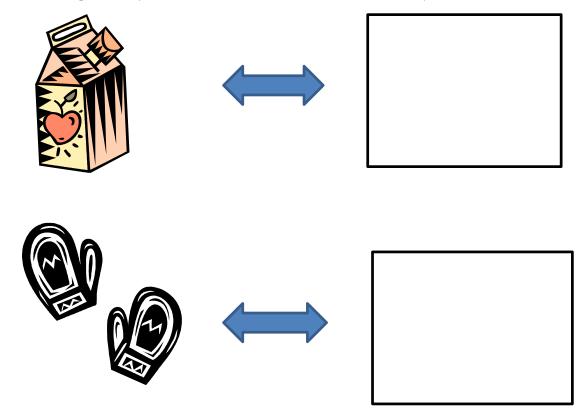




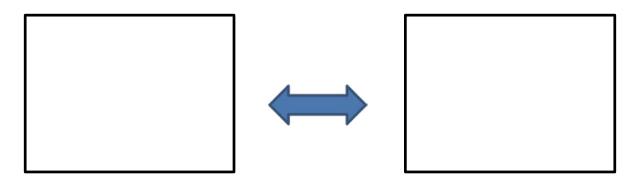
Lesson 2: Analyze to find two similar objects—these are the same but...

Name	Date	

Draw something that you would use with each. Tell why.



Make a picture of 2 things you use together. Tell why.





Name _____ Date _____

Circle the things that belong to one group, and underline the things that belong to the other group. Tell an adult why the items in each group belong together.

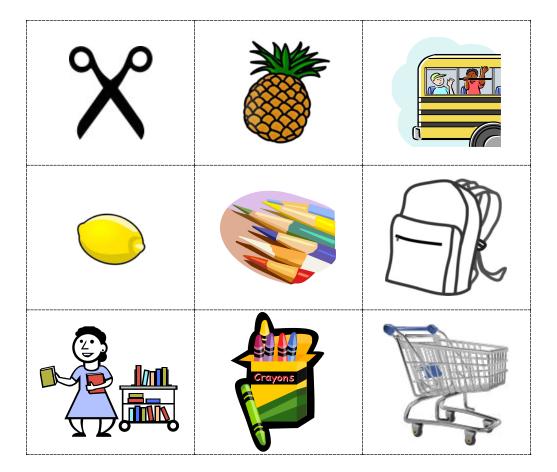




Lesson 4: Classify items into two pre-determined categories.

Date _____

Cut and glue where each belongs. Write how many.





Lesson 5: Classify items into three categories, determine the count in each, and reason about how the last number named determines the total.



Library
Number:
School
Number:
Grocery Store
Number:



Lesson 5: Classify items into three categories, determine the count in each, and reason about how the last number named determines the total.

Name _____

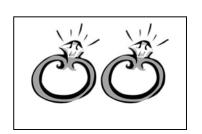
Date _____

Draw lines to put the treasures in the boxes.





















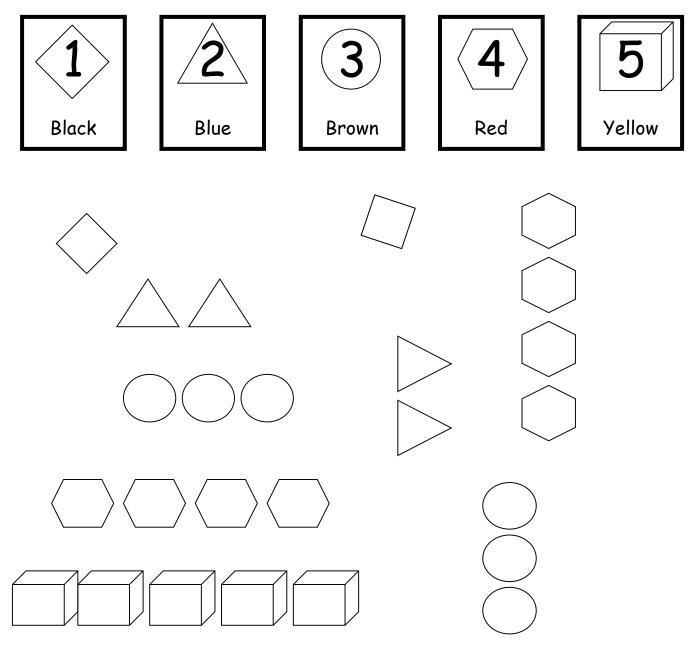
Lesson 6:

Sort categories by count. Identify categories with 2, 3, and 4 within a given scenario.

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Date _____

Color each numeral card as directed. Count the objects in each group. Then, color the group of objects the same color as the numeral card that it matches.





Lesson 7: Sort by count in vertical columns and horizontal rows (linear configurations to 5). Match to numerals on cards.

Date _____

Count. Circle the number that tells how many.

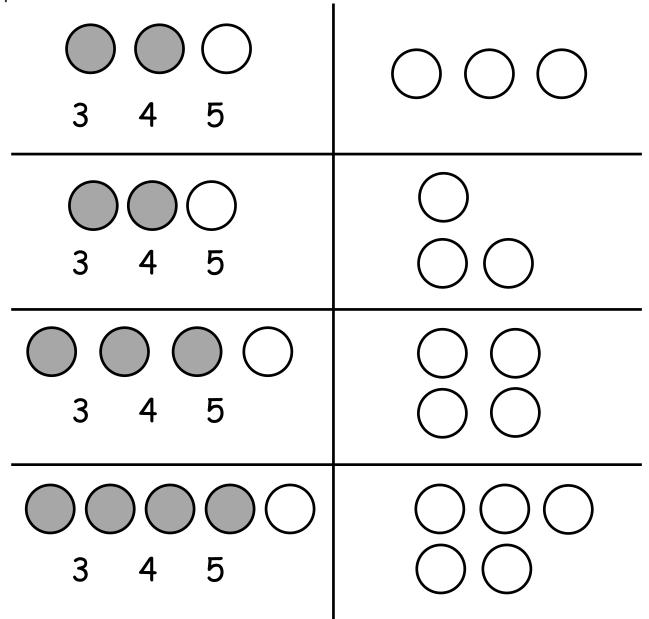
$\bullet \bullet \bullet \bullet$	4	5
	4	5
$\bullet \bullet \bullet \bullet \bullet$	4	5
•••	4	5
	4	5
•••	4	5
	4	5



Lesson 8: Answer *how many* questions to 5 in linear configurations (5-group), with 4 in an array configuration. Compare ways to count five fingers.

Date _____

Count the circles, and box the correct number. Color in the same number of circles on the right as the shaded ones on the left to show hidden partners.

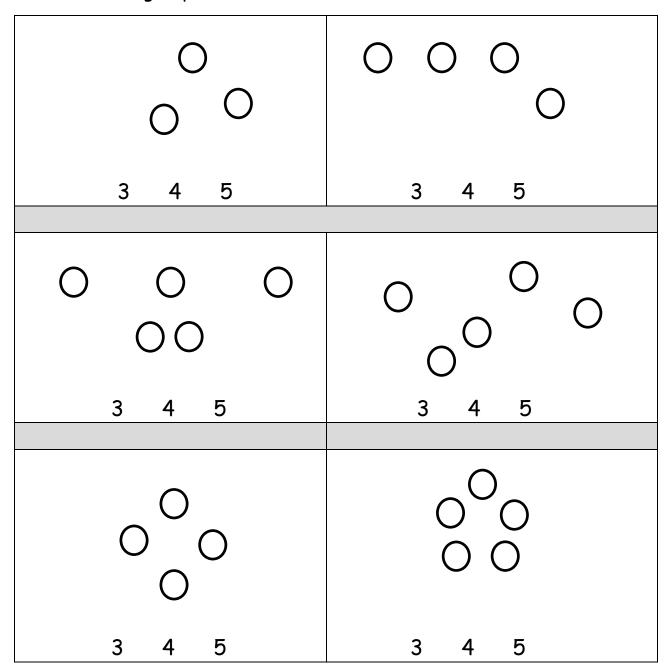




Lesson 9: Within linear and array dot configurations of numbers 3, 4, and 5, find hidden partners. Name _____ |

Date _____

Count how many. Draw a box around that number. Then, color 3 of the circles in each group.



Talk to an adult at home about the hidden partners you found.



Lesson 10: Within circular and scattered dot configurations of numbers 3, 4, and 5, find *hidden partners*.

Date _____

Feed the puppies! Here are 3 bones. Draw lines to connect each bone with a puppy so that one puppy gets 2 bones, and the other puppy gets 1 bone.



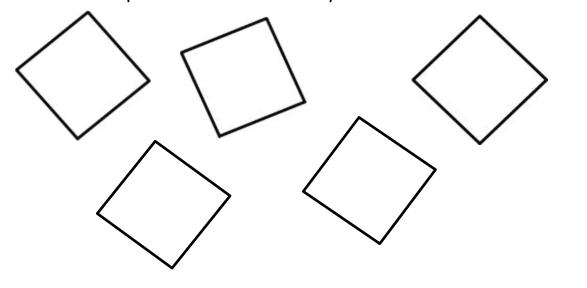








Color the shapes to show 1 + 4. Use your 2 favorite colors.

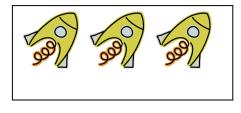


How many shapes are there? Circle the number. 1 2 3 4 5

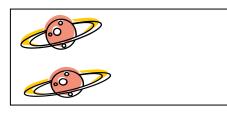


Lesson 11: Model decompositions of 3 with materials, drawings, and expressions. Represent the decomposition as 1 + 2 and 2 + 1.

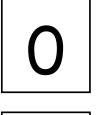
How many? Draw a line between each picture and its number.









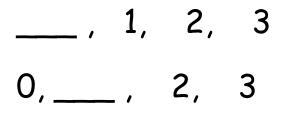








Write the numbers in the blanks.





Lesson 12: Understand the meaning of zero. Write the numeral 0.

Name	Date
------	------

Draw 🖲 🔲 👘 (two) things you see in your kitchen.	
	How many?

Draw 🖲 👘 (one) of your friends.	
	How many?

Draw 🖲 🖲 📄 (three) things you like to play.	
	How many?





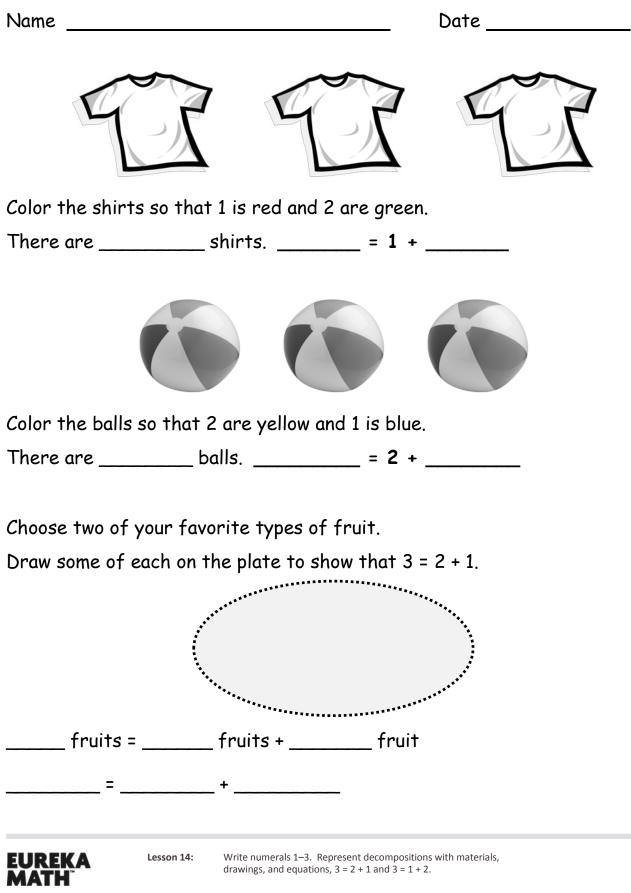
How many pet monkeys do you have? _____

Write the missing numbers:

3, 2, ____, ____

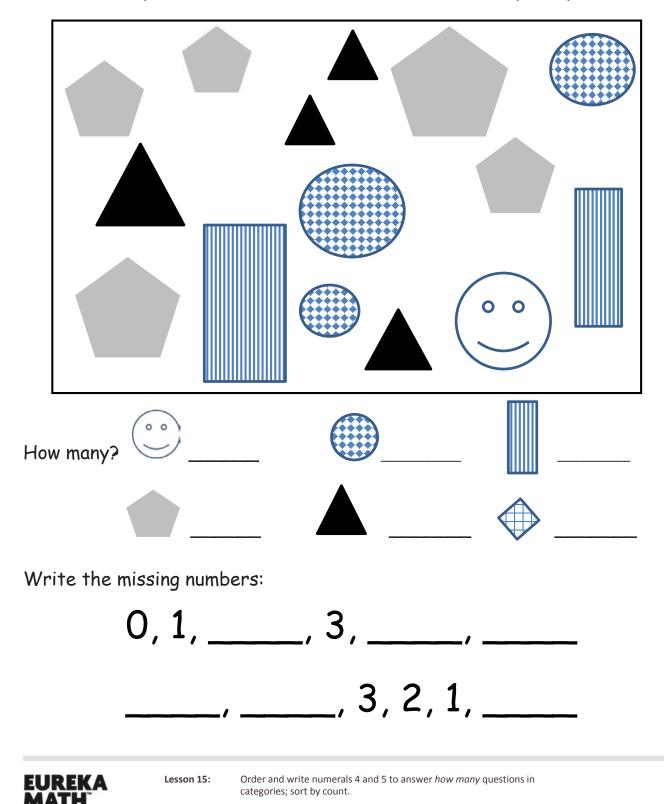
0, ____, ____ 3



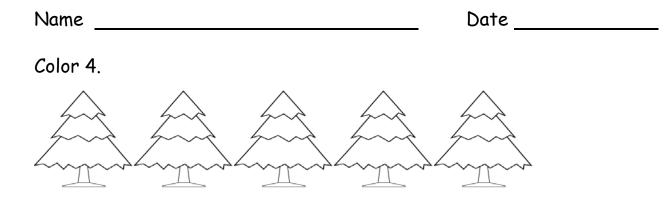


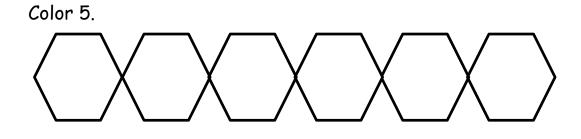
Name	 Date _	

Count the shapes and write the numbers. Mark each shape as you count.

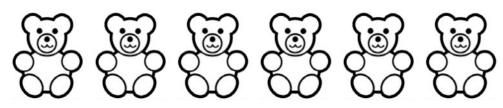


Name Date	2
Write the missing numbers:	
1, 2,, 4, 5,	_, 3, 2,
, 3, 2, 1,, 1	., 2,, 4
Draw 3 red fish and 1 green fish.	
How many fish are there in all? There are	_ fish.
3 fish and 1 fish make fish. 4 is the same as _	and
Make 2 happy faces and 3 sad faces.	
How many faces are there in all? There are	faces.
2 faces and 3 faces make faces.	
5 is the same as and	
EUREKA Lesson 16: Write numerals 1–5 in order. Answer and make drawings decompositions with totals of 4 and 5 without equations. This work is derived from Eureka Math [™] and licensed by Great Minds. @2015 Great Minds. eureka-GK-MI-SE-13.0-05.2015	40

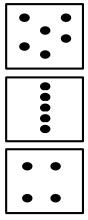


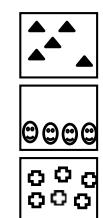


Color 6.



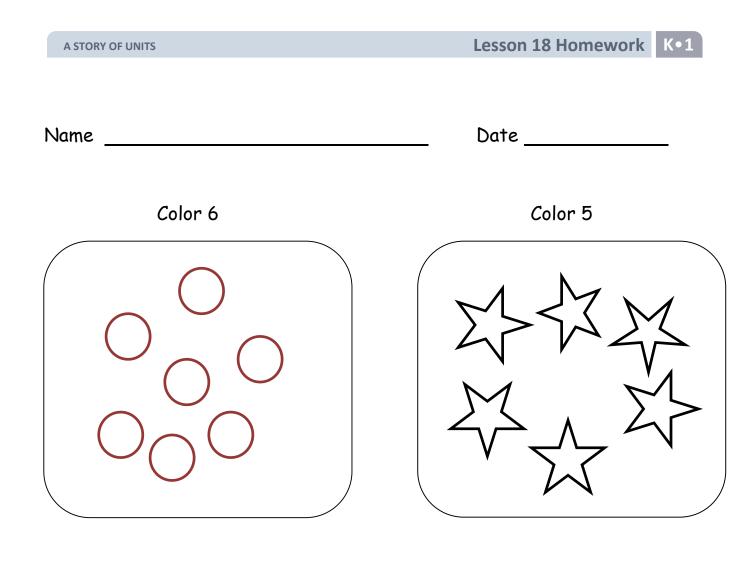
Connect the boxes with the same number.







Lesson 17:Count 4–6 objects in vertical and horizontal linear configurations and
array configurations. Match 6 objects to the numeral 6.



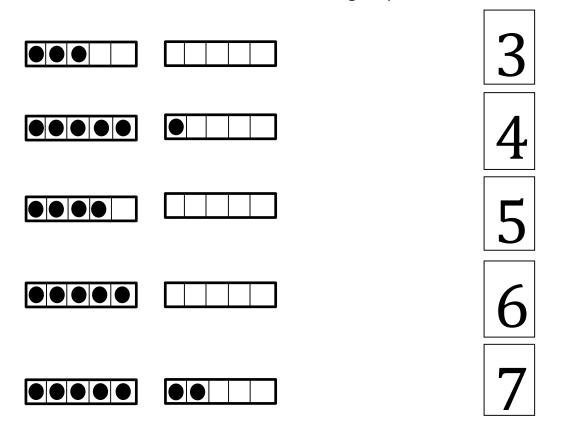


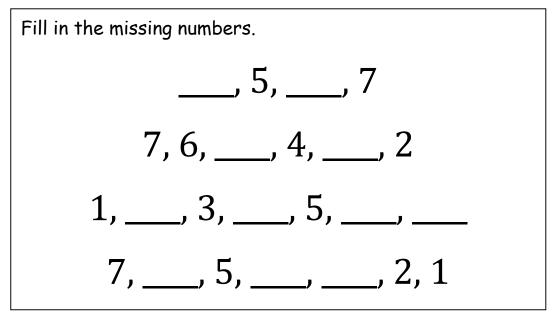


Lesson 18: Count 4–6 objects in circular and scattered configurations. Count 6 items out of a larger set. Write numerals 1–6 in order.

Name _____ Date ____

Draw a line from the numeral to the 5-group cards it matches.







Lesson 19:Count 5–7 linking cubes in linear configurations. Match with numeral
7. Count on fingers from 1 to 7, and connect to 5-group images.

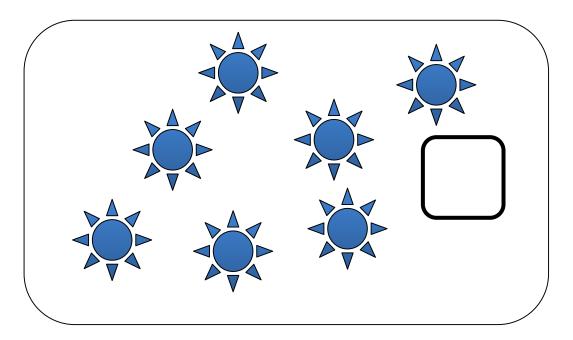
Name _____ Date _____ How many? Write the number in the box.



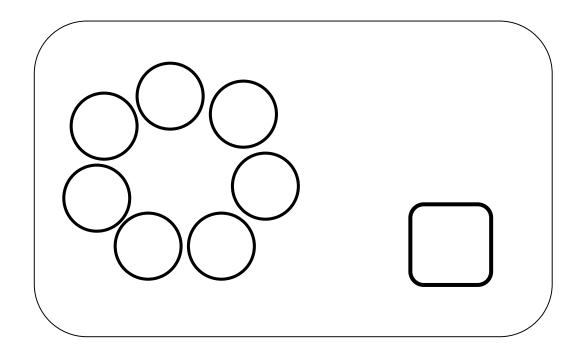
Lesson 20:

20: Reason about sets of 7 varied objects in circular and scattered configurations. Find a path through the scattered configuration. Write numeral 7. Ask, "How is your seven different from mine?"

Count how many. Write the number in the box. Draw a line to show how you counted the suns.



Count how many. Write the number in the box. Draw a line to show how you counted the circles.





Lesson 20: Reason about sets of 7 varied objects in circular and scattered configurations. Find a path through the scattered configuration. Write numeral 7. Ask, "How is your seven different from mine?"

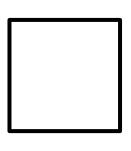
Name _____

Date _____

Color 4 squares blue. Color 4 squares yellow.

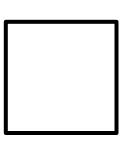
Count how many squares. Write the number in the box.

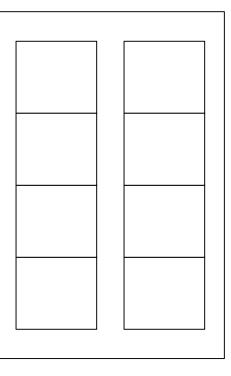
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Color 4 squares green. Color 4 squares brown.

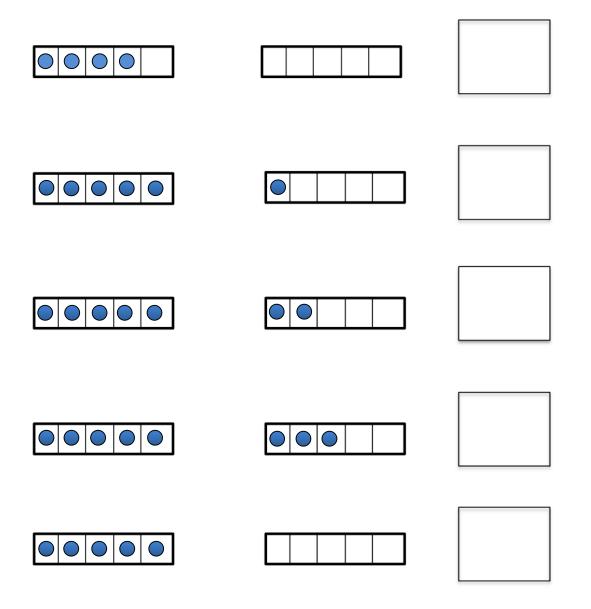
Count how many squares. Write the number in the box.







Count how many. Write the number in the box.



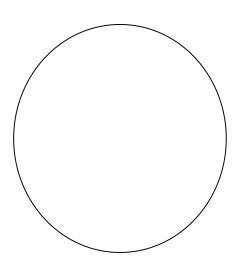


Lesson 21: Compare counts of 8 in linear and array configurations. Match with numeral 8.

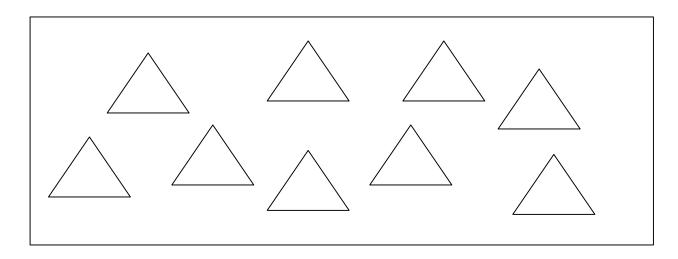
Name Da

Date _____

Draw 8 beads around the circle.



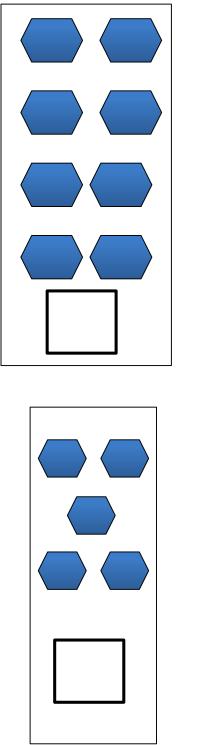
Color 8. Draw a line to show your counting path.

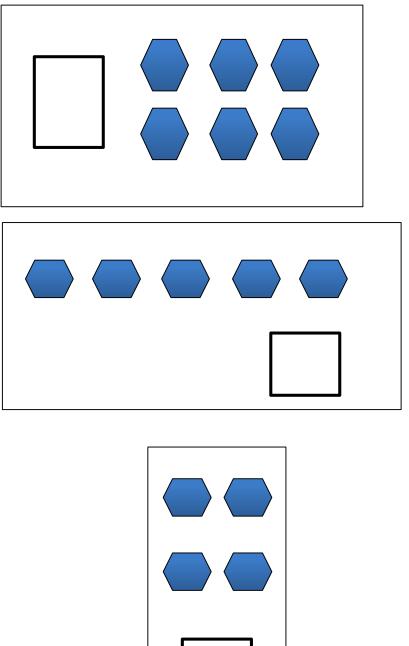




Lesson 22: Arrange and strategize to count 8 beans in circular (around a cup) and scattered configurations. Write numeral 8. Find a path through the scatter set, and compare paths with a partner.

Count how many. Write the number in the box.





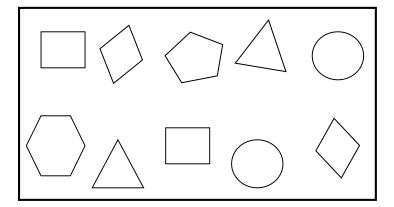


Lesson 22:

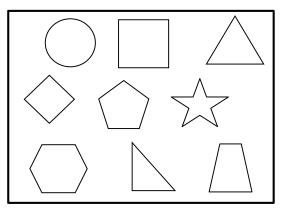
Arrange and strategize to count 8 beans in circular (around a cup) and scattered configurations. Write numeral 8. Find a path through the scatter set, and compare paths with a partner.

Name _____

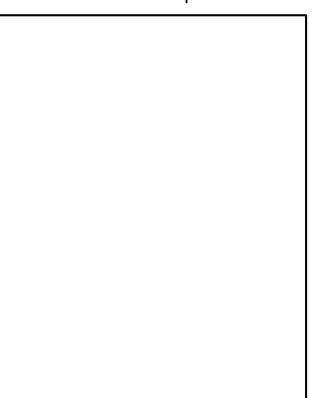
Color 9 shapes.



Color 9 shapes.



Draw 9 shapes.



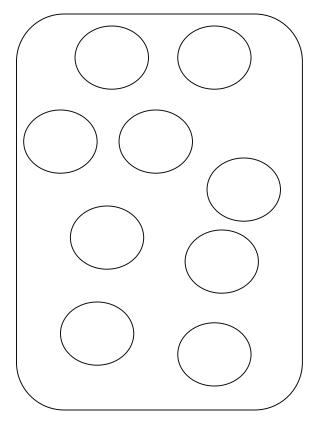
Draw 9 shapes a different way.

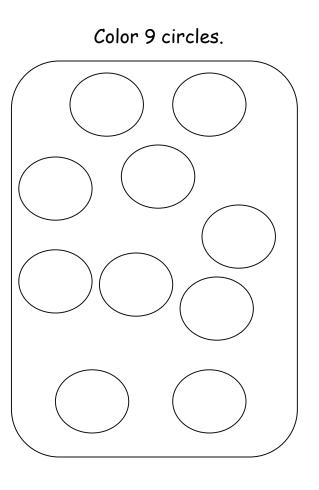


Lesson 23: Organize and count 9 varied geometric objects in linear and array (3 threes) configurations. Place objects on 5-group mat. Match with numeral 9.

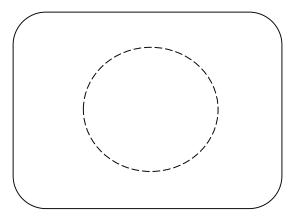
Name _____

Number the circles from 1 to 9.

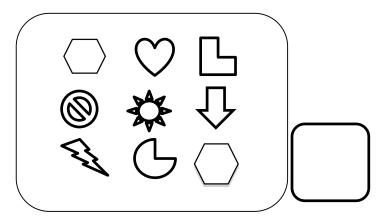




Draw 9 beads on the bracelet.



Count. Write the number in the box.





Lesson 24: Strategize to count 9 objects in circular (around a paper plate) and scattered configurations printed on paper. Write numeral 9. Represent a path through the scatter count with a pencil. Number each object.

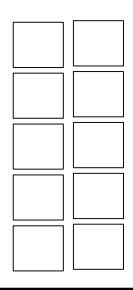
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Name	Date

Color 9 squares. Color 1 more square a different color.

Color 9 squares. Color 1 more square a different color.

Color 5 squares. Color 5 more squares a different color.



Draw 10 circles in a line. Color 5 circles red. Color 5 circles blue.

Draw 5 circles under the row of circles. Color 5 circles red. Color 5 circles blue.



Lesson 25: Count 10 objects in linear and array configurations (2 fives). Match with numeral 10. Place on the 5-group mat. Dialogue about 9 and 10. Write numeral 10.

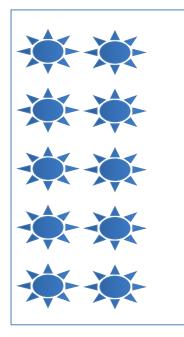
Name	Date	

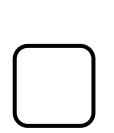
Draw 5 triangles in a row. Draw another 5 triangles in a row under them.

How many triangles did you draw?

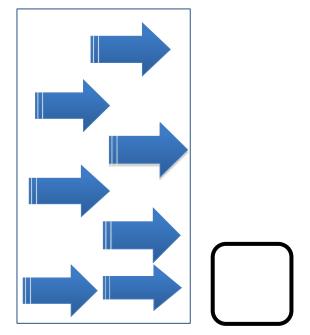
Write the number in the box.

Write how many in the box.





Write how many in the box.





Lesson 26:

Count 10 objects in linear and array configurations (2 fives). Match with numeral 10. Place on the 5-group mat. Dialogue about 9 and 10. Write numeral 10.

Name	_ Date
Draw enough () to make 10.	
Draw enough () to make 10.	

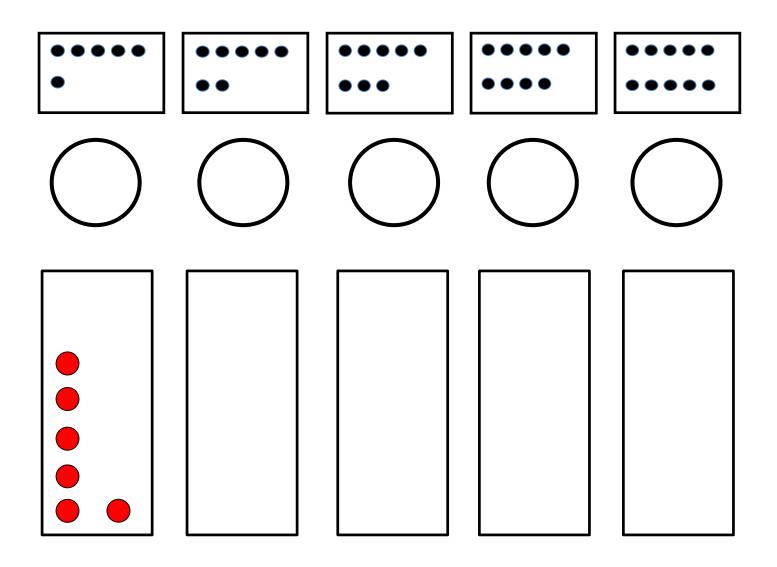


Make up a story about 10 things in your house. Draw a picture to go with your story. Be ready to share your story at school tomorrow.



Name	Date	

Count the dots. Write how many in the circle. Draw the same number of dots below the circle, but going up and down instead of across. The number 6 has been done for you.





Lesson 29: Order and match numeral and dot cards from 1 to 10. State 1 more than a given number.



Make your own 5-group cards! Cut the cards out on the dotted lines. On one side, write the numbers from 1 to 10. On the other side, show the 5-group dot picture that goes with the number.

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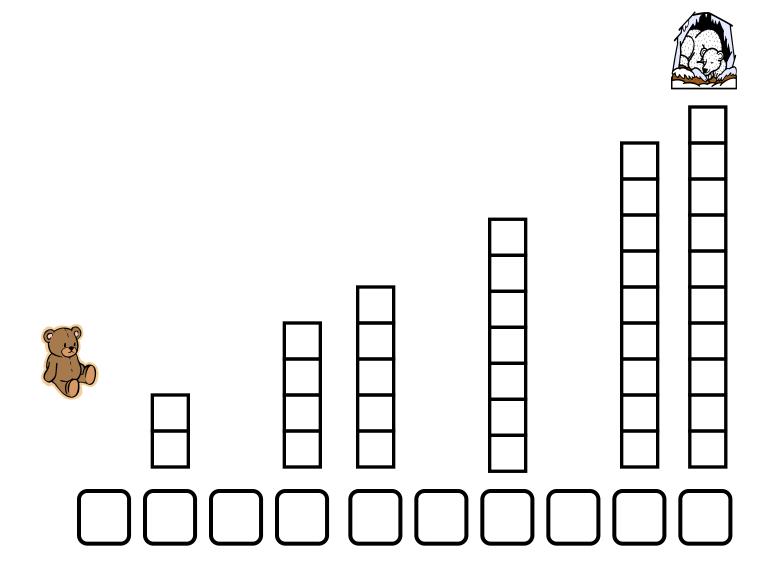


Drder and match numeral and dot cards from 1 to 10. State 1 more than a given number.



Name	Date	

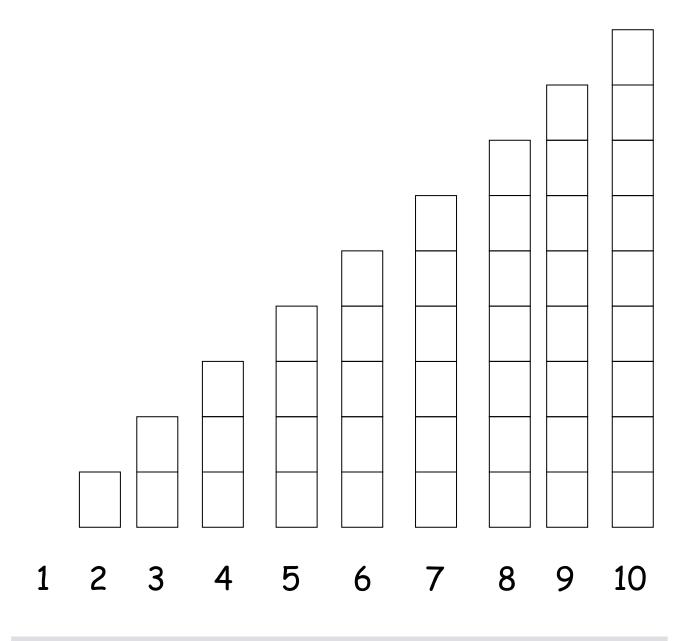
Draw the missing stairs. Write the numbers below each step.



Ask someone to help you write about what you think baby bear will do now that you have helped him to get home. Use the back of this paper.



Draw 1 more cube on each stair so the cubes match the number. Say as you draw, "1. One more is two. 2. One more is three."

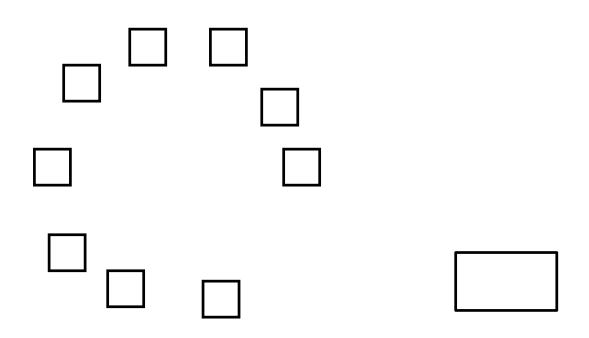




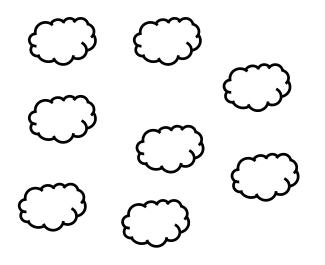
Lesson 30: Make math stairs from 1 to 10 in cooperative groups.

Name	Date	

Draw one more square. Color all the squares, and write how many.



Draw one more cloud. Color all the clouds, and write how many.





Lesson 31: Arrange, analyze, and draw 1 more up to 10 in configurations other than towers.

Name		Date	
Write the missing	numbers.		
, 2,	_,,, (6, 7,,	_, 10
Draw X's or O's to	show 1 more.		
XX	X		
	000		
0000	000	0000	000
0		000	00

Tell someone a story about "1 more...and then 1 more." Draw a picture about your story.



Lesson 32: Arrange, analyze, and draw sequences of quantities of 1 more, beginning with numbers other than 1.

Cut the cards out on the dotted lines. On one side, with the number. Mix up your cards, and practice putting them in order in the "I less" way.			
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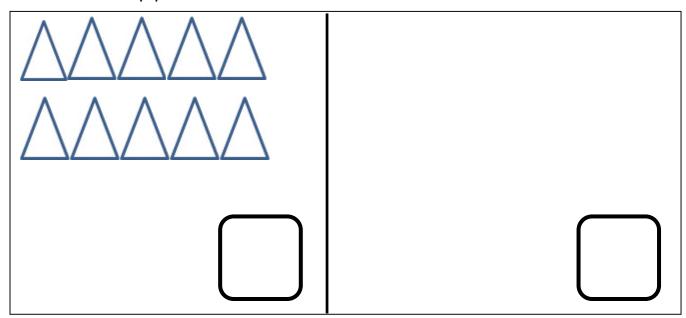
Lesson 33: Order quantities from 10 to 1, and match numerals.



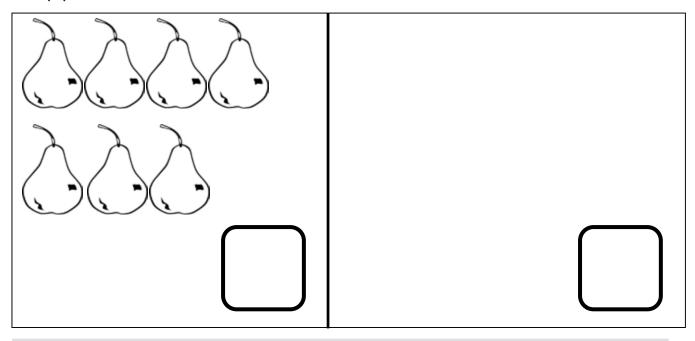
Name

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Count and color the triangles. Draw a group of triangles that is 1 less. Write how many you drew.



Count and color the pears. Draw a group of pears that is 1 less. Write how many you drew.

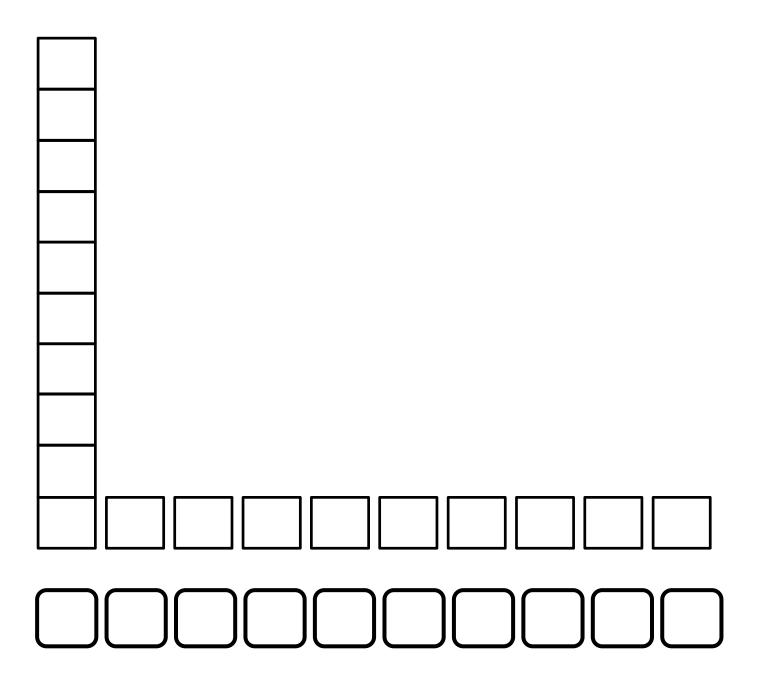




Lesson 34: Count down from 10 to 1, and state 1 less than a given number.

Name _____ Date _____

Count and color the cubes in the tower. Cross the top cube off, and write the number. Draw the next tower with 1 less cube until there are no towers left.





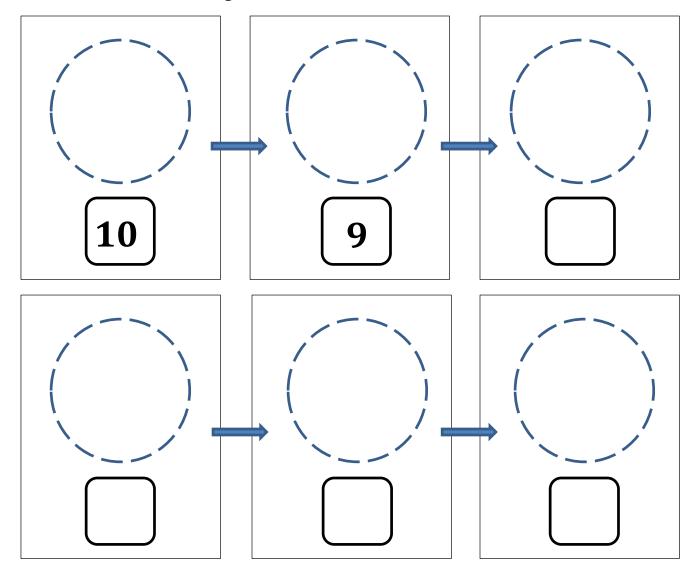
Lesson 35: Arrange number towers in order from 10 to 1, and describe the pattern.

Name

Date _____

Draw bracelets to show 1 less than the number in the box.

If the number is missing, write it in the box.



Fill in the missing numbers.

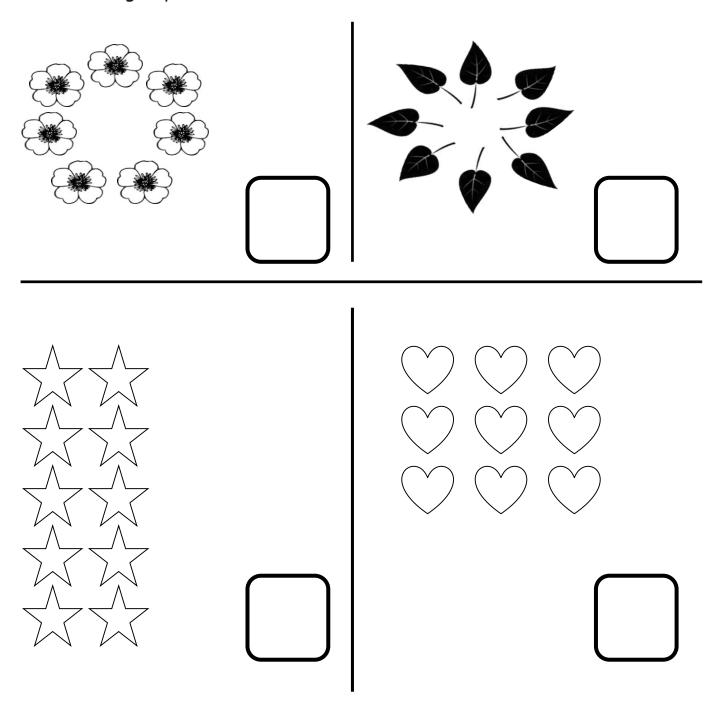
_, 8, 7, ____, ____, ____, 3, 2, 1, ____ **__**/ _



Lesson 36: Arrange, analyze, and draw sequences of quantities that are 1 less in configurations other than towers.

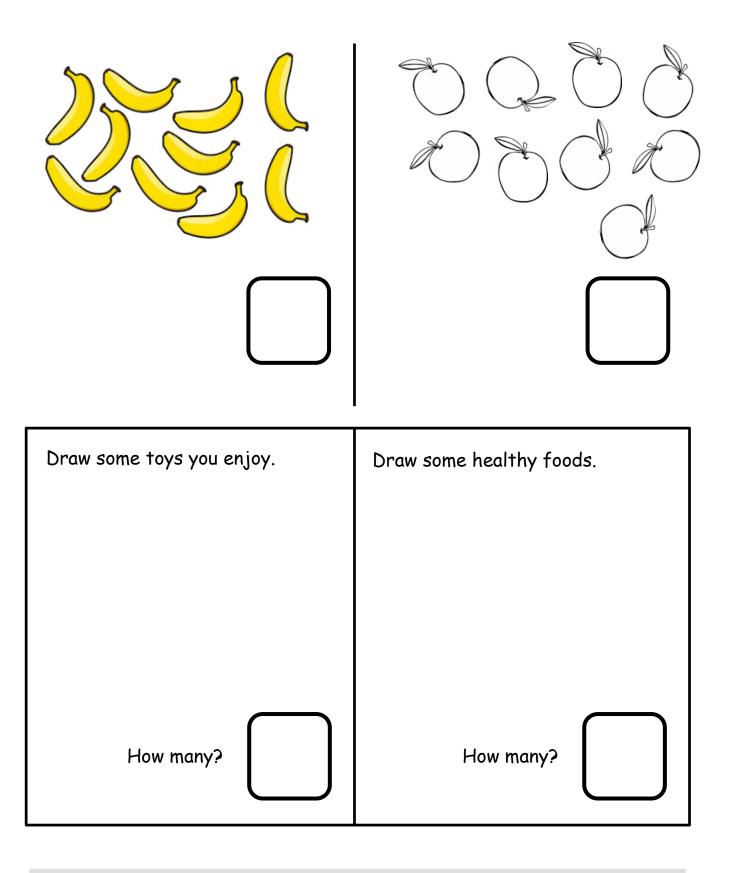
Name	Date

Count how many are in each group. Write the number in the box. Circle the smaller group.



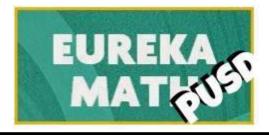


Lesson 37: Culminating Task





Lesson 37: Culminating Task



Video tutorials: http://bit.ly/eurekapusd Info for parents: http://bit.ly/pusdmath