

## SAUSD Math Distance Learning Packet Grade: K 2020



PART 2

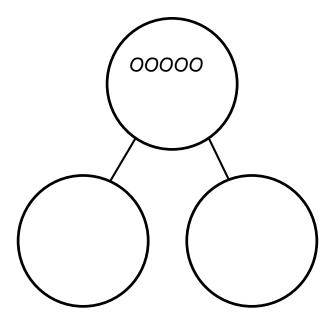


## **SAUSD Distance Learning - Grade K**

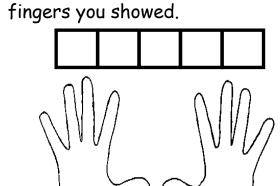
Day 1:pg. 1-2	Day 11:pg. 16-17	Day 21:pg. 31-32	Day 31: pg. 46-47
Day 2:pg. 3	Day 12:pg. 18	Day 22:pg. 33	Day 32: pg. 48
Day 3:pg. 4-5	Day 13:pg.19-20	Day 23: pg. 34-35	Day 33: pg. 49-50
Day 4:pg. 6	Day 14:pg. 21	Day 24: pg. 36	Day 34: pg.51
Day 5:pg. 7-8	Day 15:pg.22-23	Day 25: pg. 37-38	Day 35: pg. 52-53
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Day 9:pg. 13-14	Day 19:pg. 28-29	Day 29: pg. 43-44	
Day 10: pg.15	Day 20: pg. 30	Day 30: pg.45	

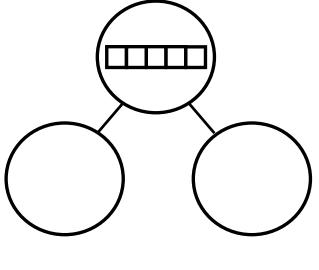
Name			Date	
122	12			121
How many	?	How many		

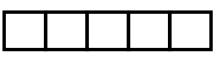
Draw to show how to take apart the group of cats to show 2 groups, the ones sleeping and the ones awake.

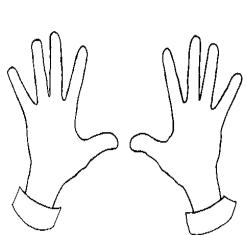


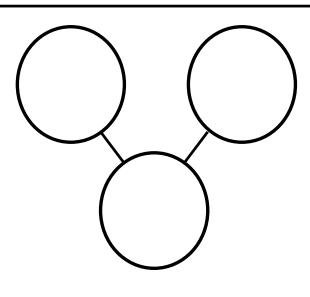
The squares below represent a cube stick. Color some squares blue and the rest of the squares red. Draw the squares you colored in the number bond. Show the hidden partners on your fingers to an adult. Color the











Lesson 2:

Model composition and decomposition of numbers to 5 using fingers and linking cube sticks.

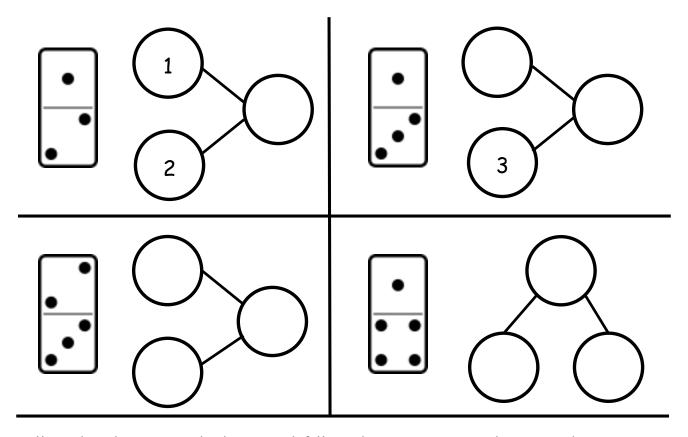
(cc) BY-NC-SA

engage<sup>ny</sup>

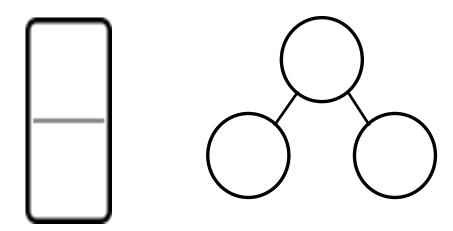
Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License.

Name	Date

Fill in the number bond to match the domino.



Fill in the domino with dots, and fill in the number bond to match.



Lesson 3:

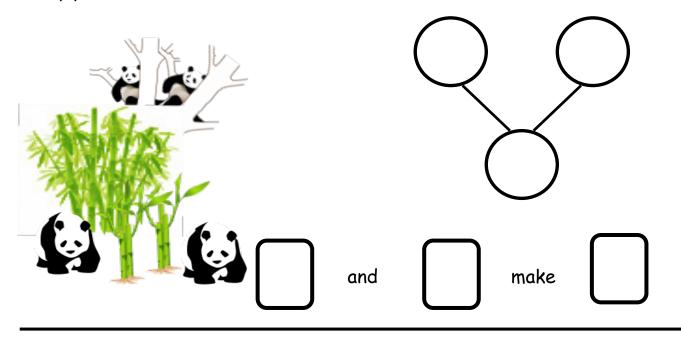
Represent composition story situations with drawings using numeric number bonds.



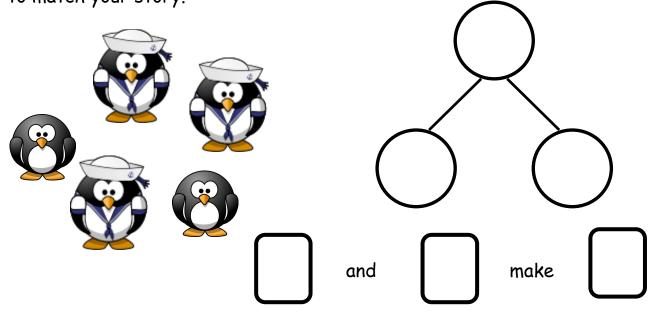
Name	Date
Finish the number bonds. Finish the sentence.	Q
3 is and	2 1
is and	4
Tell an adult a story about the animals, and then make a number sentence and number bond about it.	
is and	$\bigcirc \bigcirc$

Vame	Date
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There are 2 pandas in a tree. 2 more are walking on the ground. How many pandas are there? Fill in the number bond and the sentence.



Tell a story about the penguins. Fill in the number bond and the sentence to match your story.



Lesson 5:

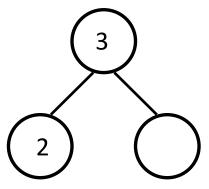
Represent composition and decomposition of numbers to 5 using pictorial and numeric number bonds.

Name

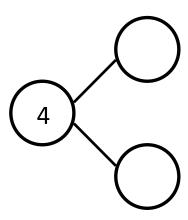
Date \_\_\_\_\_

Tell a story. Complete the number bonds. Draw pictures that match your story and number bonds

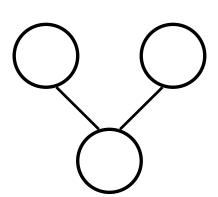
Draw some balls for your story.



Draw some crayons for your story.



Draw some shapes for your story.



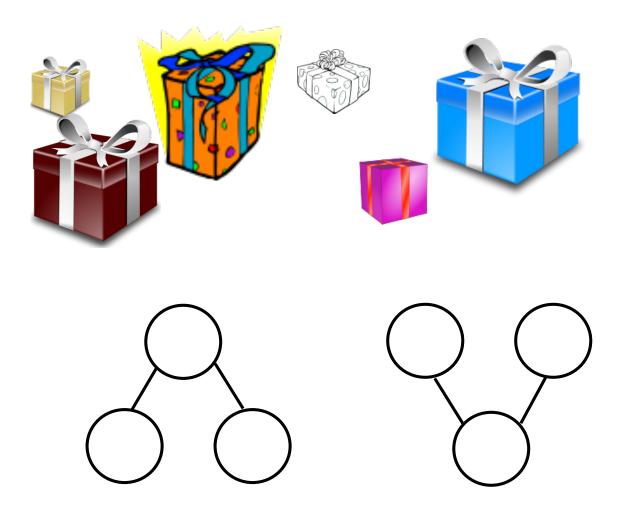
On the back of your paper, draw a picture and make a number bond.

Lesson 6:

Represent number bonds with composition and decomposition story situations.

Name	Date
, 10,110	<u> </u>

Look at the presents. Make 2 different number bonds. Tell an adult about the numbers you put in the number bonds.



On the back of your paper, draw 6 presents, and sort them into 2 groups. Make a number bond, and fill it in according to your sort.



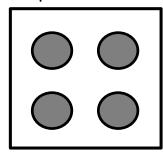
Name	Date
Draw a set of 4 circles and 3 triangle Fill in the number sentence and numb	
is and	
The squares represent cube sticks. Color the cubes to match the number bond.	Color some cubes red and the rest blue. Fill out the number bond to match.
5       7       2	

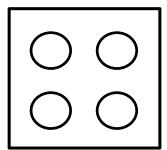
On the back of your paper, draw a set of 7 squares and circles. Make a number bond, and fill it in. Now, write a number sentence like the sentence above that tells about your set.

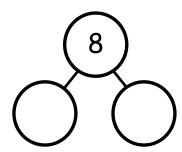


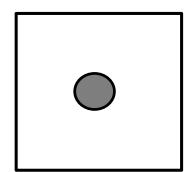
Name Date

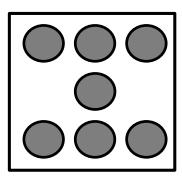
Complete the number bond to match the dot picture.

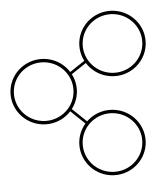




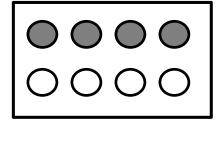


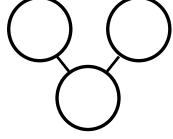




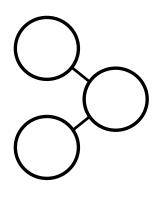


Draw a line to make 2 groups of dots. Fill in the number bond.









On the back of your paper:

- Draw a number bond for 4. Fill in the number bond.
- Draw a number bond for 5. Fill in the number bond.
- Draw a number bond for 6. Fill in the number bond.
- Draw a number bond for 7. Fill in the number bond.



Lesson 9:

Model decompositions of 8 using a story situation, arrays, and number bonds.

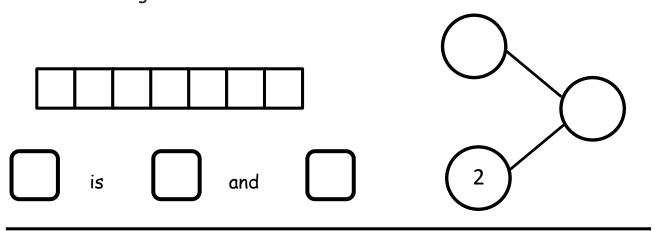
engage<sup>ny</sup>

Name	Date
These squares below represent cubes. green and 1 blue. Fill in the number bor	
is and	
Color 6 cubes green and 2 blue. Fill in 1 bond.	the number
is and	
Color some cubes green and the rest bl the number bond.	ue. Fill in
is and	
<b>EUREKA</b> Lesson 10: Model decompositions of 6-	8 using linking cube sticks to see patterns. engage ny

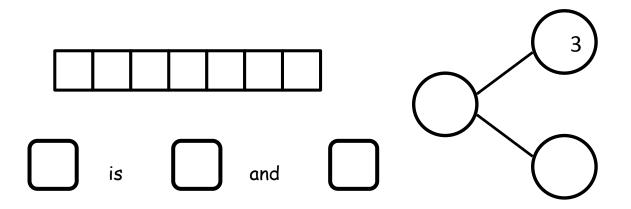
Name		_	Date	
These squar	res represent cube	es. Color 5 cubes	s green and	
1 blue. Fill	in the number bond	d.	Q	
				6

Color 5 cubes green and 2 blue. Fill in the number bond.

and



Color 4 cubes green and 3 blue. Fill in the number bond.



**EUREKA** 

6

is

Lesson 11:

Represent decompositions for 6–8 using horizontal and vertical number bonds.

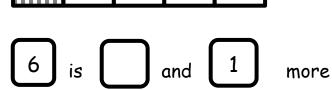
engage<sup>ny</sup>

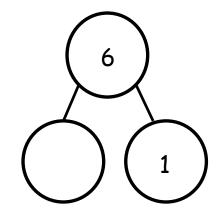
Date \_\_\_\_\_ Name

Fill in the number bond to match the squares.



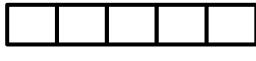






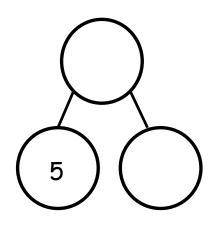
Color 5 squares blue in the first row.

Color 2 squares red in the second row.

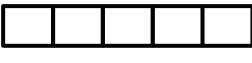


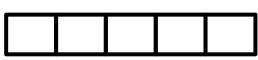




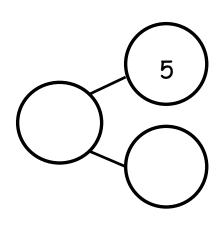


Color 8 squares. Complete the number bond and sentence.





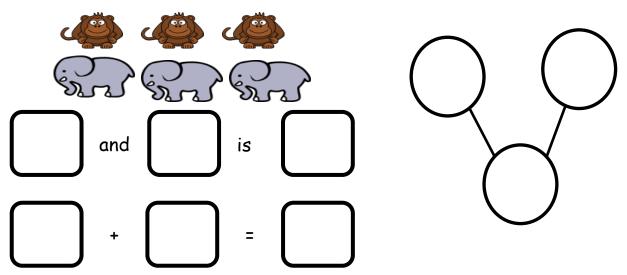




Lesson 12: Use 5-groups to represent the 5 + n pattern to 8. engage<sup>ny</sup>

Name	Date
There are 6 animals. 4 are tigers, and a Fill in the number sentences and the nu	
is and +	

There 3 are monkeys and 3 elephants. All 6 animals are going into the circus tent. Fill in the number sentences and the number bond.



On the back of your paper, draw some animals. Make a number bond to match your picture.

Name Date















There are 7 bears. 3 bears have bowties. 4 bears have hearts. Fill in the number sentences and the number bond.

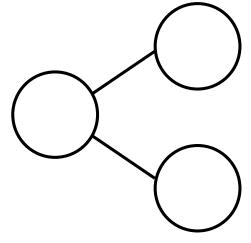






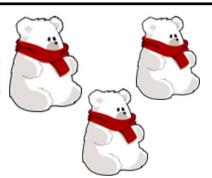












5 bears have scarves on, and 2 do not. There are 7 bears. Write a number sentence that tells about the bears.







On the back of your paper, draw a picture about the 7 bears. Write a number sentence, and make a number bond to go with it.

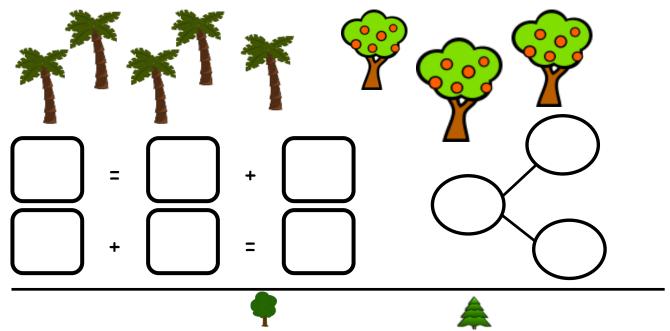
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Name	Date	

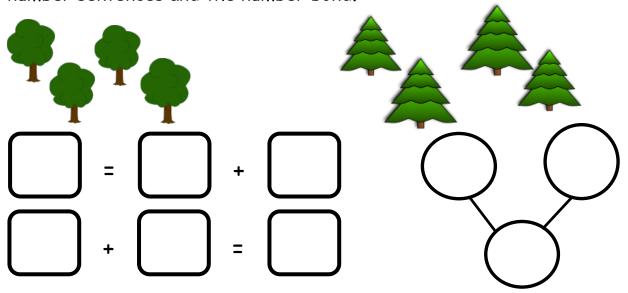




There are 8 trees. 5 are palm trees, and 3 are apple trees. Fill in the number sentences and the number bond.



There are 8 trees. 4 are oak trees, and 4 are spruce trees. Fill in the number sentences and the number bond.



Name

Date \_\_\_\_\_



There are 3 penguins on the ice. 4 more penguins are coming. How many penguins are there?



There is 1 mama bear. 5 baby bears are following her. How many bears are there? Draw a box for the answer.

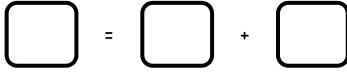
Draw 7 balls in the ball box. Draw a girl putting 1 more ball in the ball box. Circle all the balls, and draw a box for the answer. Write your answer.

Name

Date \_\_\_\_

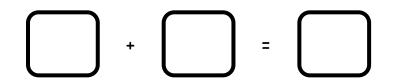


There are 5 hexagons and 2 triangles. How many shapes are there?





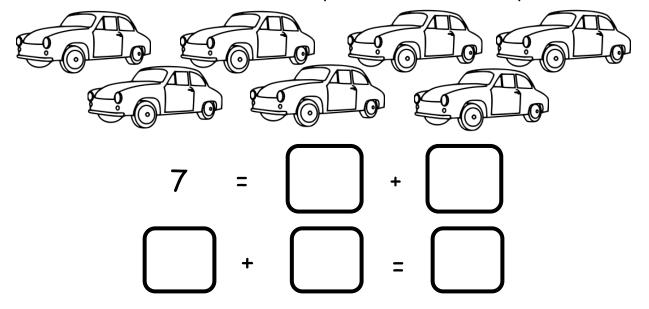
There are 6 cubes and 2 cylinders. How many shapes are there?



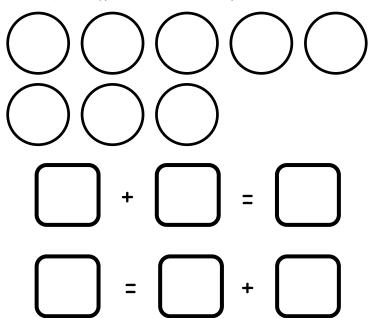
On the back of your paper, draw some shapes, and make a number sentence to match.

Name	Date
Name	Date

Ted has 7 toy cars. Color some cars red and the rest blue. Write a number sentence that shows how many are red and how many are blue.



Chuck has 8 balls. Some are red, and the rest are blue. Color to show Chuck's balls. Fill in the number sentences.





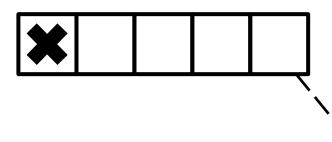
Name		D	ate	
1 train drove away. <i>C</i>	ross out 1. Wr	rite how many w	ere left.	
2 horses were bought	. Cross out 2.	How many wer	e left at the	store?
4 ducks swam away. (	Cross out 4. W	rite how many	are left.	
There are 7 apples i cross it out. How m			d ate 1 of th	em, so
	~			
	3			
79				
/ /	1			



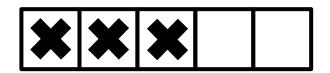
Name \_\_\_\_

Date \_\_\_\_

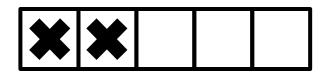
The squares below represent cube sticks. Match the cube stick to the number sentence.



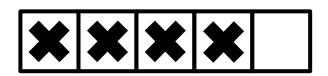
5 - 3 = 2



5 \_ 1 = 4



5 - 4 = 1

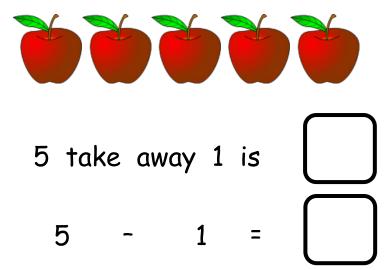


5 - 2 = 3

On the back of the paper, draw a 5-stick, cross out some cubes, and write a number sentence.

N laura	No.to
Name	Date

There were 5 apples. Bill ate 1. Cross out the apple he ate. How many apples were left? Fill in the boxes.



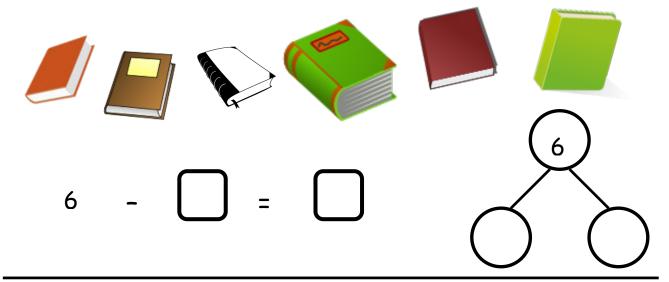
There were 5 oranges. Pat took 2. Draw the oranges. Cross out the 2 she took. How many oranges were left? Fill in the boxes.

5	take	away	2	is	
	_			=	

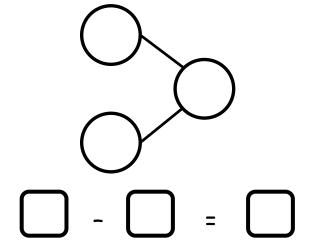


Name	Date
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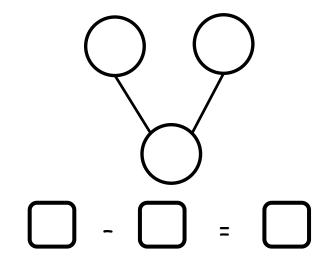
Here are 6 books. Cross out 2. How many are left? Fill in the number bond and the number sentence.



Draw 6 stars. Cross out 4. Fill in the number sentence and the number bond.



Draw 6 objects. Cross out 5. Fill in the number sentence and the number bond.



On the back of your paper, draw 6 triangles. Cross out 1. Write a number sentence, and draw a number bond to match.

Name Date

Fill in the number sentence and number bond. Cross out 5 dots.

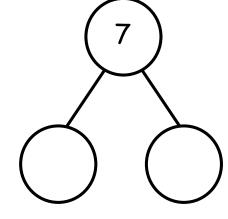




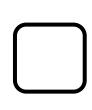


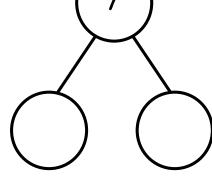




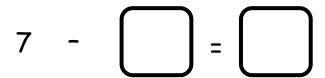


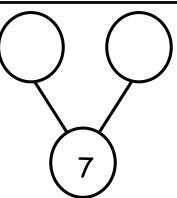
Draw 7 dots. Cross out 3 dots.





Draw 7 dots in a 5-group like the first problem. Cross out 4 dots.

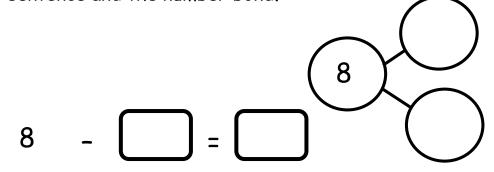




On the back of your paper, draw 7 dots. Cross out some, and write a number sentence and a number bond to match.

Nan	ne					Date	
		_	•	•	n X on 2 cube umber bond.	s. How man	y are left?
				]		(8	
			8	- [	= (		
		_	•	•	n X on 4 cube umber bond.	s. How man	y are left?
		Ш					8
			8	- [	= (		

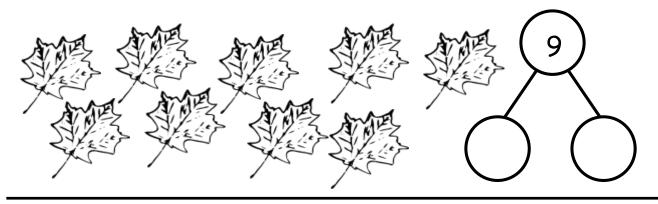
Draw 8 the 5-group way. Put an X on some cubes. How many are left? Write the number sentence and the number bond.



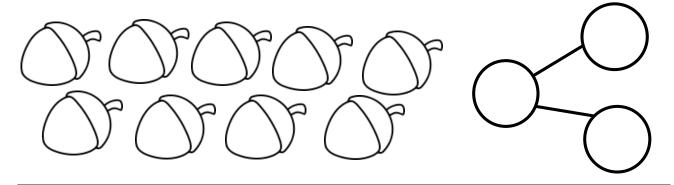
On the back of your paper, draw 7 the 5-group way. Put an X on some, and write a number sentence and number bond.



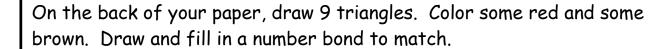
There are 9 leaves. Color some of them red and the rest of them yellow. Fill in the number bond to match.



There are 9 acorns. Color some of them green and the rest yellow. Fill in the number bond to match.



Draw 9 birds. Color some of them blue and the rest red. Fill in the number bond to match.





engage<sup>ny</sup>

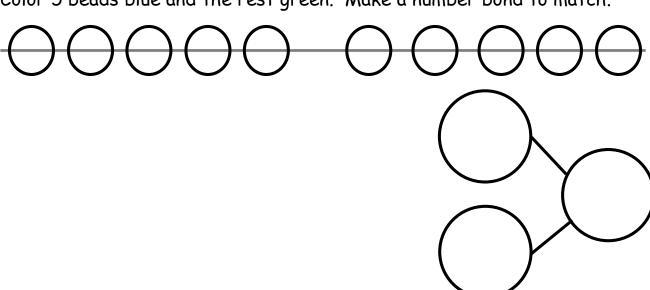
Name			Do	ate	
		sent cube s match th	bond?	Circle yes	or no.
					9)
	Yes	No			8
					5
	Yes	No		9)	4
				$\bigcirc$	
	Yes	No		6	9



Name	Date	
·		

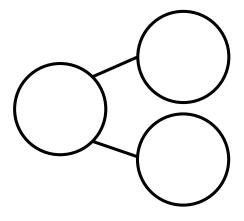
Pretend this is your bracelet.

Color 5 beads blue and the rest green. Make a number bond to match.



Color some beads yellow and the rest orange. Make a number bond to match.



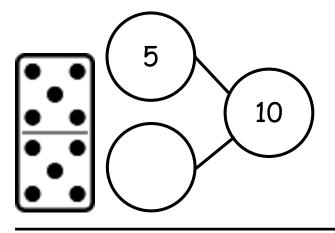


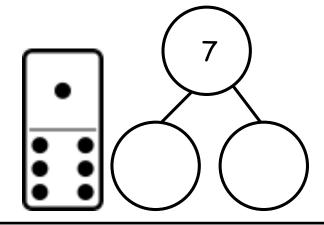


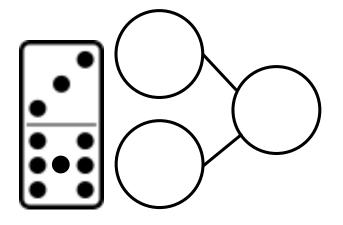
Name \_\_\_\_

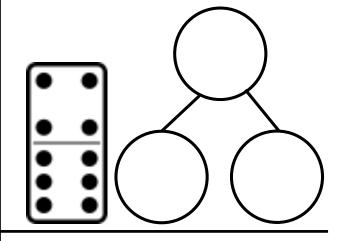
Date \_\_\_\_

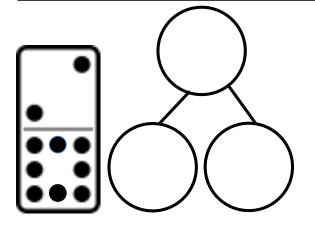
Write a number bond to match each domino.











On the back of your paper, draw 1 of the dominoes and a blank number bond. Pretend you are the teacher, and ask an adult at home to fill it in.

Lesson 28:

Model decompositions of 10 using fingers, sets, linking cubes, and number bonds.



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

Jack found 7 balls while cleaning the toy bin. He found 6 basketballs and 1 baseball. Fill in the number sentence and the number bond.











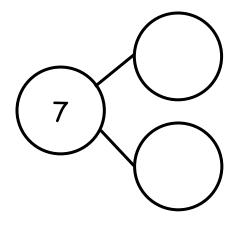




7



+



Jack found 7 mitts and 2 bats. He found 9 things. Fill in the number sentence and the number bond.









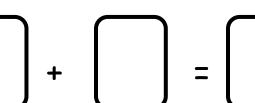


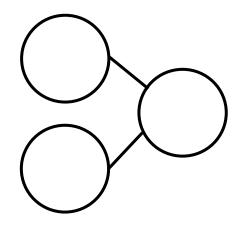






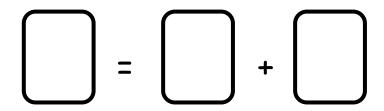




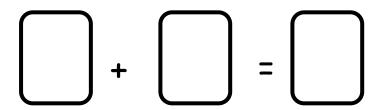




Jack found 8 hockey pucks and 1 hockey stick. He found 9 hockey things. Draw the hockey pucks and stick in the 5-group way. Fill in the number sentence.



Jack needs a snack. He found 9 pieces of fruit. 5 were strawberries, and 4 were grapes. Draw the strawberries and grapes in the 5-group way. Fill in the number sentence.



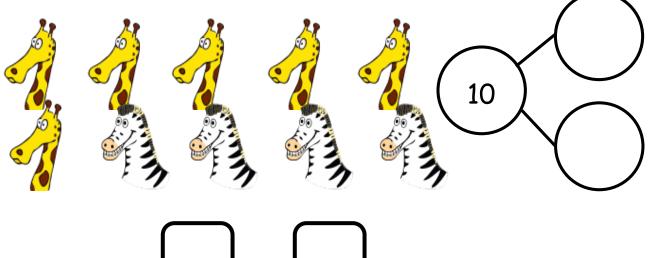


Name \_\_\_\_\_ Date \_\_\_\_

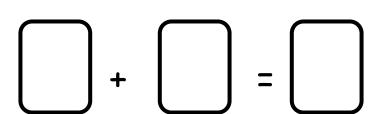
Fill in the number bonds, and complete the number sentences.

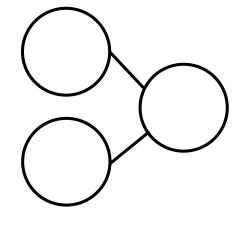
Scott went to the zoo. He saw 6 giraffes and 4 zebras. He saw 10 animals

altogether.



Susan saw 10 animals at the zoo. She saw 5 lions and 5 elephants. Draw the animals in the 5-group way.





Make 2 groups. Circle 1 of the groups. Write a number sentence to match. Find as many partners of 10 as you can.

Draw 10 dots the 5-group way. Make 2 groups. Circle one of the groups. Write a number sentence to match your drawing.

Vame	Date	_
Oraw the story.	Fill in the number sentence.	
Jake has 7 chocol ne have altogethe	te cookies and 2 sugar cookies. How many cookies?	does
<b>+</b> _	<b>=</b>	
	ght juice boxes. 4 were apple juice, and 5 were ora uice boxes did she have in all?	nge





## Draw the story. Write a number sentence to match.

Ryan had 5 celery sticks and 5 carrot sticks. How many veggie sticks did Ryan have altogether?

Draw an addition story, and write a number sentence to match it. Explain your work to an adult at home.





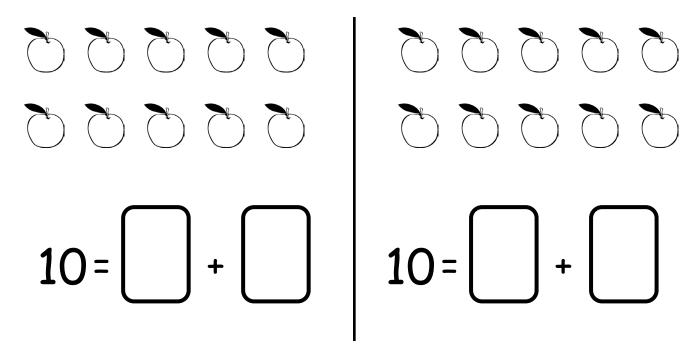
Name	Date

Jerry has 9 baseball hats. Draw the hats the 5-group way. Color some red and some blue. Fill in the number sentence to match.

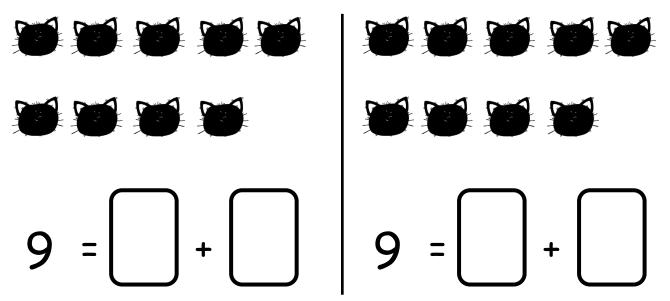
Anne had 10 pencils. Draw the pencils the 5-group way. Color some pencils blue and some yellow. Fill in the number sentence to match.



There are 10 apples. Color some red and the rest green. Then, show a different way the apples could look. Fill in the number sentences to match.



Anya has 9 stuffed cats. Some are orange, and the rest are gray. Show two different ways Anya's cats could look. Fill in the number sentences to match.



Name \_\_\_\_

Date \_\_\_\_

Fill in the number sentence and the number bond.

There were 10 teddy bears. Cross out 2 bears. There are 8 bears left.















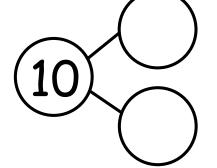






10

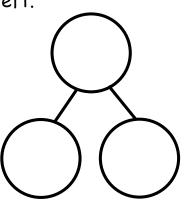
=



There were 10 teddy bears. Cross out 9. There is 1 left.



- =



There were 10 teddy bears. Cross out 3. There are 7 bears left.



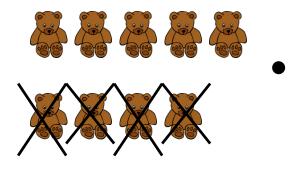




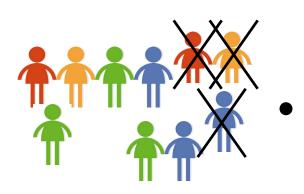


Draw a line from the picture to the number sentence it matches.





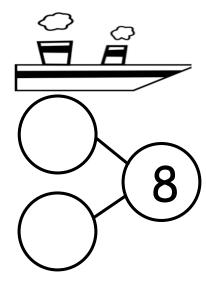
$$\bigcirc \times \times \times \times$$



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

There were 8 penguins. 2 penguins went back to the ship. Cross out 2 penguins. Fill in the number sentence and the number bond.



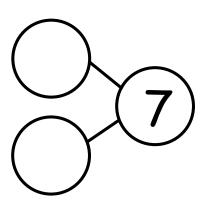


The squares below represent cubes.

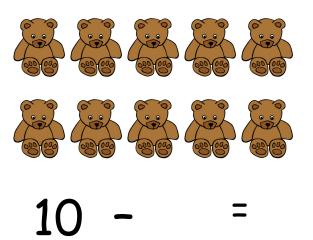
Count the cubes. Draw a line to break 4 cubes off the train. Fill in the number sentence and the number bond.



\_ =



There are 10 bears. Some go inside the cave to hide. Cross them out. Complete the number sentence.





Complete these number sentences.

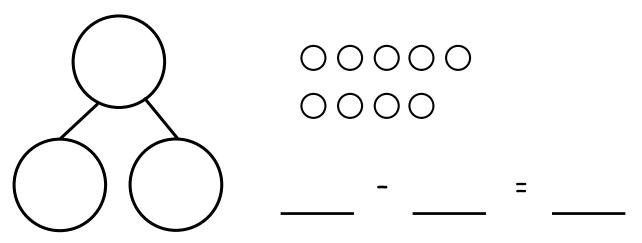
Complete these number sentences.

$$\left(\begin{array}{c} \\ \end{array}\right) = 4 - 2$$

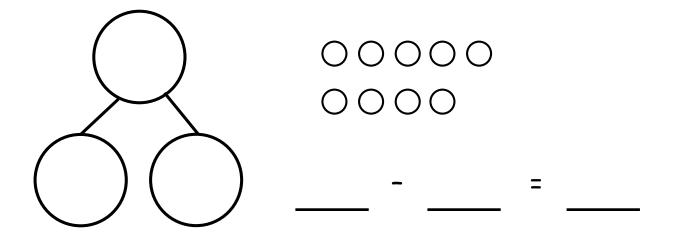
Name \_\_\_\_\_ Date \_\_\_\_

Cross off the part that goes away. Fill in the number bond and number sentence.

Mary had 9 library books. She returned 1 book to the library. How many books are left?



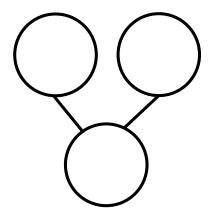
There were 9 lunch bags. 3 bags were thrown away. How many bags are there now?



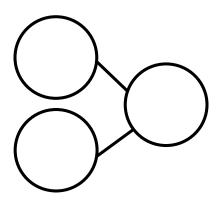


Make a 5-group drawing to show the story. Cross off the part that goes away. Fill in the number bond and number sentence.

Ms. Lopez has 9 pencils. 7 of them broke. How many pencils are left?



There are 9 soccer balls. The team kicked 5 of the balls at the goal. How many soccer balls are left?



- =

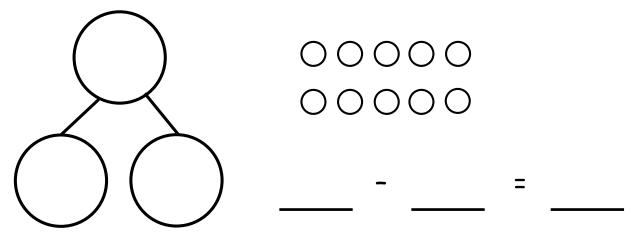
Subtract.



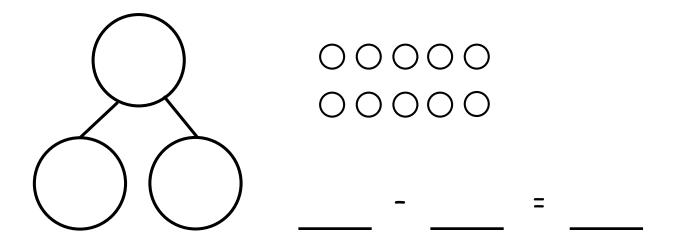
Name	Date
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Fill in the number bond and number sentence. Cross off the part that goes away.

MacKenzie had 10 buttons on her jacket. 2 buttons broke off her jacket. How many buttons are left on her jacket?



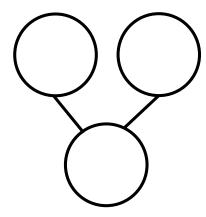
Donna had 10 cups. 6 cups fell and broke. How many unbroken cups are there now?





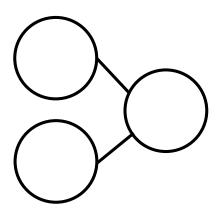
Make a 5-group drawing to show the story. Fill in the number bond and number sentence. Cross off the part that goes away.

There were 10 butterflies. 9 butterflies flew away. How many are left?



- =

Bob had 10 toy cars. 4 cars drove away. How many cars are left?



Subtract.

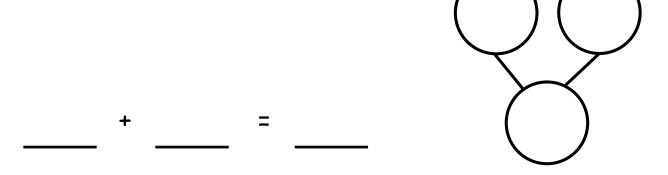


Name Date
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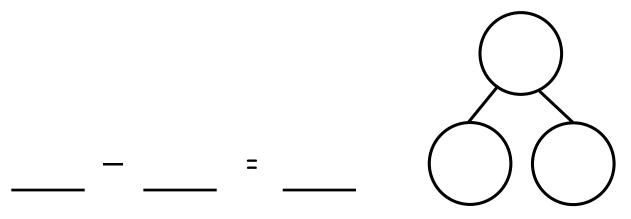
Listen to each story. Show the story with your fingers on the number path. Then, fill in the number sentence and number bond.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

Joey had 5 pennies. He found 3 pennies in the couch. How many pennies does Joey have now?



Joey gave the 3 pennies to his dad. How many pennies does Joey have now?



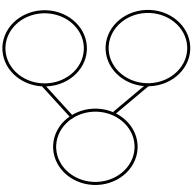


1 2 3 4 5 6 7 8 9 10
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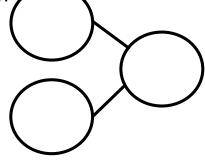
Siri had 9 pennies. She looked all around the house but could not find any more pennies. How many pennies does she have now?







There were 8 children waiting for the school bus. No more children came to the bus stop. How many children are waiting now?



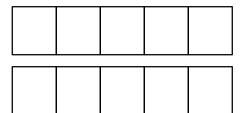
Solve.

## EUREKA MATH

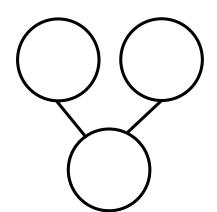
Name	Date
Follow the instructions to color the 5-group. sentence or number bond to match.	Then, fill in the number
Color 9 squares green and 1 square blue.  + = =	
Color 8 squares green and 1 square blue.	+ =
Color 7 squares green and 1 square blue.	



Color 2 squares green and 1 square blue.



+



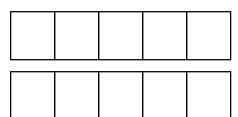
Color 1 square green and 1 square blue.



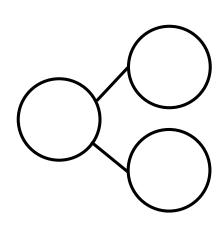
+

=

Color O squares green and 1 square blue.



+ =



Subtract.

4 - 1 =

3 - 1 =

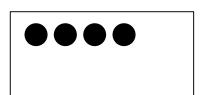
2 - 1 =

1 - 1 =

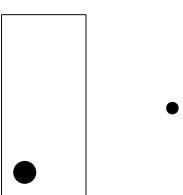
Name \_\_\_\_\_ Date \_\_\_\_\_

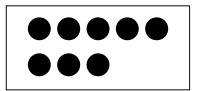
Draw dots to make 10. Finish the number bonds. Draw a line from the

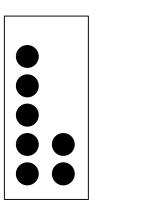
5-group to the matching number bond.

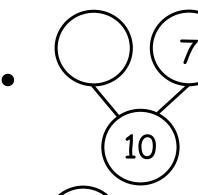


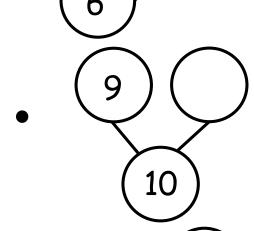


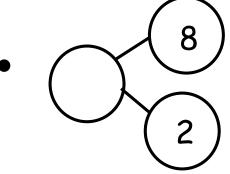








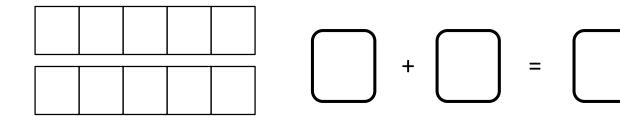




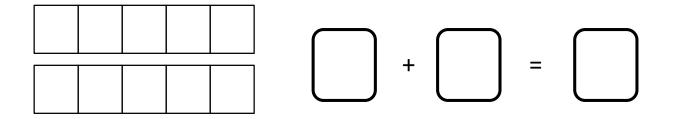
EUREKA MATH

Name	Date
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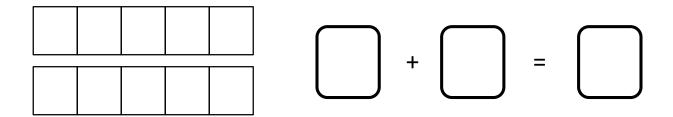
Color 2 boxes red the 5-group way. Color the rest blue to make 10. Fill in the number sentence.



Color 5 boxes red the 5-group way. Color the rest blue to make 10. Fill in the number sentence.

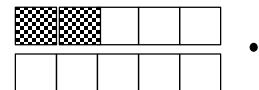


Color 7 boxes red the 5-group way. Color the rest blue to make 10. Fill in the number sentence.





Match.

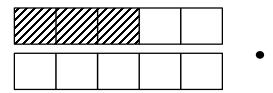


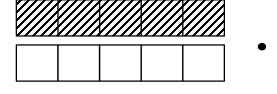
• 
$$1 + 9 = 10$$

$$8 + 2 = 10$$



$$6 + 4 = 10$$



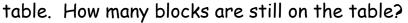


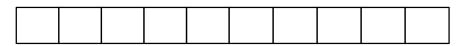
• 
$$5 + 5 = 10$$

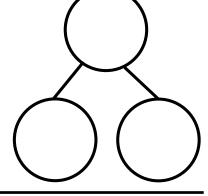
• 
$$3 + 7 = 10$$

Complete a number bond and number sentence for each problem.

Color 6 blocks blue. Color the rest red. All of the blue blocks fell off the



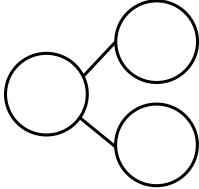




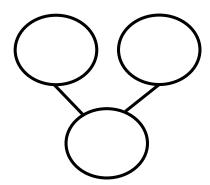
Color some blocks orange and the rest yellow to make 10. All of the yellow blocks fell off the table. How many blocks are left?







Draw 5 dogs and some cats the 5-group way.



EUREKA MATH

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There were 10 horses in the yard. Some were brown, and some were white. Draw the horses the 5-group way. The brown ones went back into the barn. How many horses were still in the yard? Draw a number bond, and write a subtraction sentence.

Solve.