AchieveMath

Student Book Volume 1

Name:



Unit 1: Counting to 5

Catapult Learning[™]

Catapult Learning

©2021 Catapult Learning, LLC

Catapult Learning, LLC 1-800-841-8730

www.catapultlearning.com

All rights reserved. No part of this publication, in whole or part, except those pages marked specifically with permission for reproduction may be reproduced in any form, or by any means, or stored in a database or retrieval system, without prior written permission from the publisher.

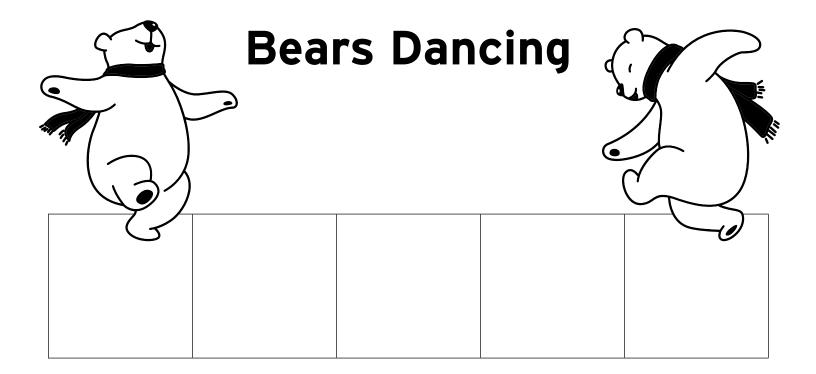
Printed in the United States of America.

Bears Fishing	

	1	1	1
	1	1	1
	1	1	1
	1	1	1
	1	1	1
	1	1	1
	1	1	1
	1	1	1
	1	1	1

	Г	[[

Directions: Top) Place 3 counters in the frame and have the student say how many. **Middle)** Ask the student to place 4 bears in the frame. **Bottom)** Students place some counters in the frame and have a partner tell how many.



Г			

Directions: Top) Place 5 counters in the frame and ask the student to tell how many. **Middle)** Ask the student to place 2 counters in the 5-frame. **Bottom)** Ask the student to choose a number of counters to display in the 5-frame and tell how many.

Lesson 1 Exit Ticket

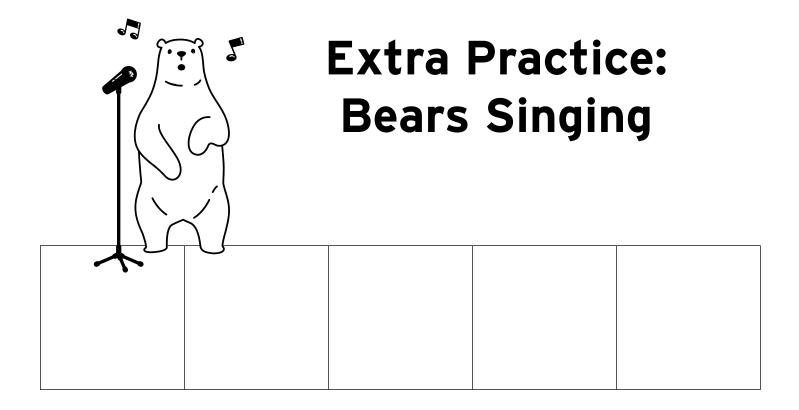
1.

2.

î		

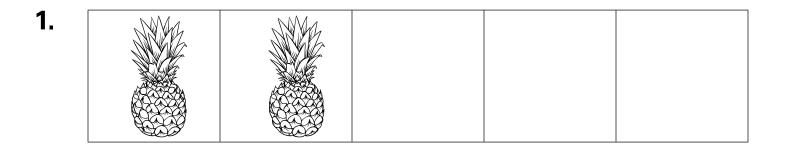
3.

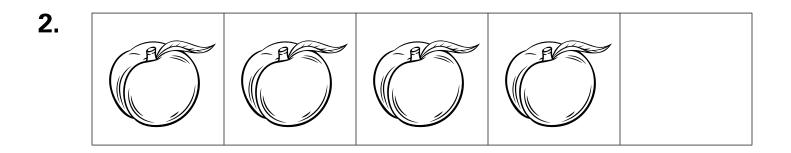
Directions: 1) Place 1 counter in the frame and ask students to tell how many. **2)** Ask students to place 5 bears in the frame. **3)** Ask students to choose a number of counters to display in the 5-frame and tell how many.



Directions: Top) Place 2 counters in the frame and have the student say how many. **Middle)** Ask the student to place 3 bears in the frame. **Bottom)** Students place some counters in the frame and have a partner tell how many.

Just Juice





3.			

4.			

Directions: 1–2) Have students count each type of fruit and tell how many. **3)** Ask students to draw 5 circles. **4)** Ask students to draw 1 circle.

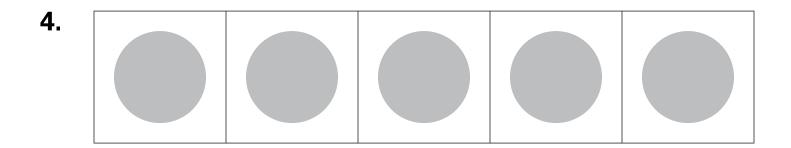
Catapult Learning[™]

Crackers

1.			

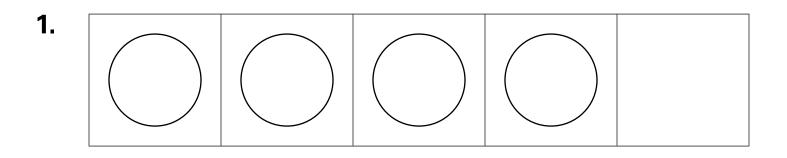
2.			

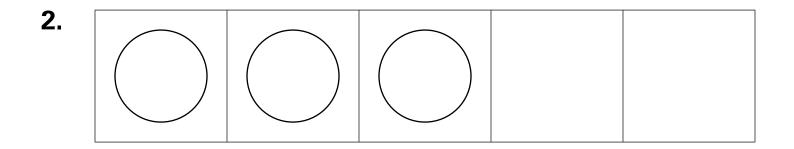
3.			



Directions: 1) Ask students to draw 3 circles. **2)** Ask students to draw 2 circles. **3–4)** Have students count how many circles in each 5-frame and tell how many.

Lesson 2 Exit Ticket



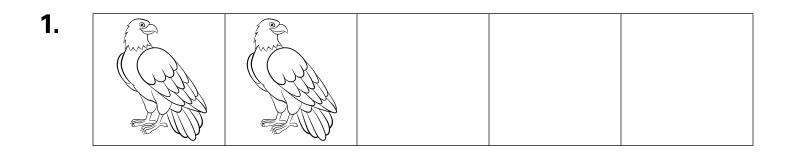


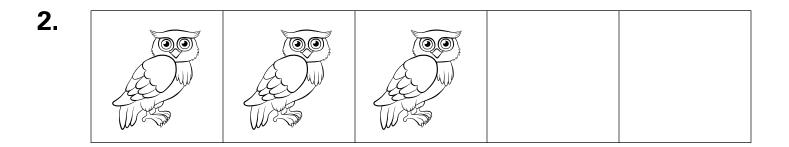
3.			

4.

Directions: 1–2) Have students count the circles in each 5-frame and tell how many. **3)** Have students draw 2 circles in the 5-frame. **4)** Have students draw 5 circles in the 5-frame.

Extra Practice: Championship Game

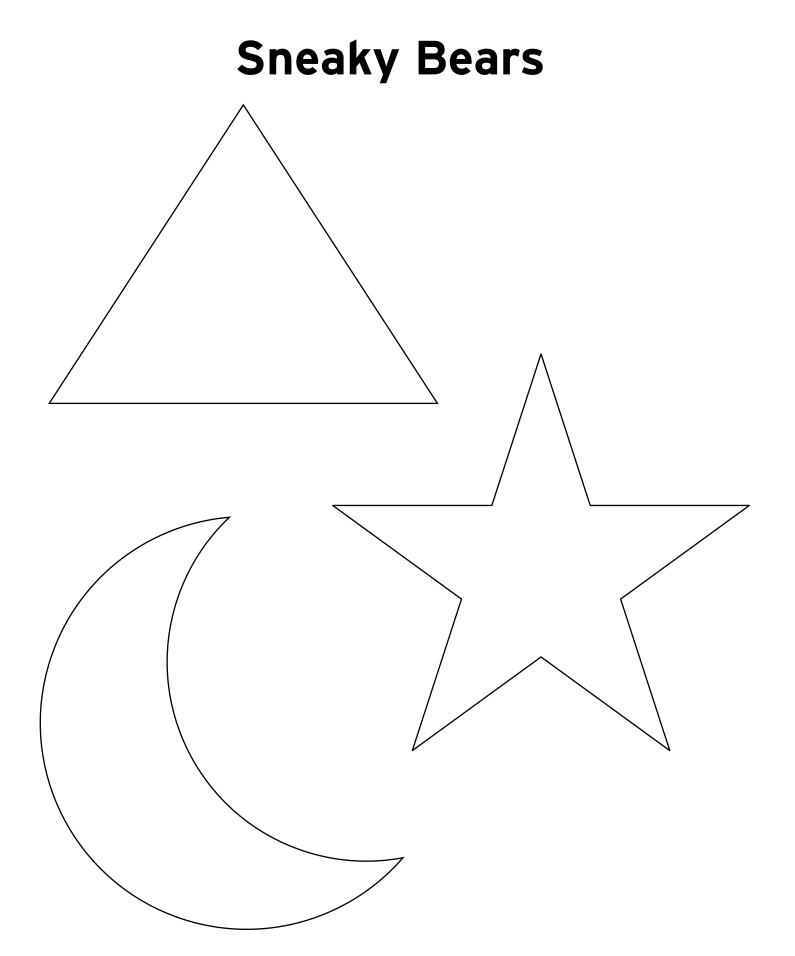




3.			

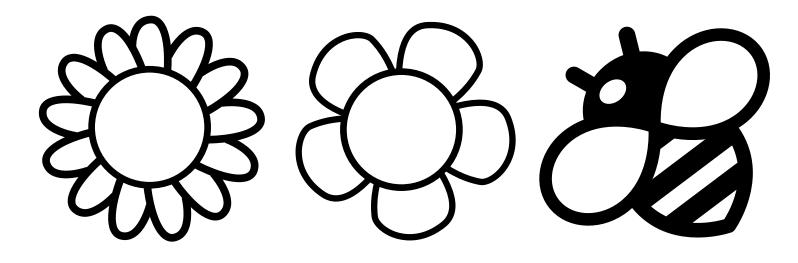
4.			

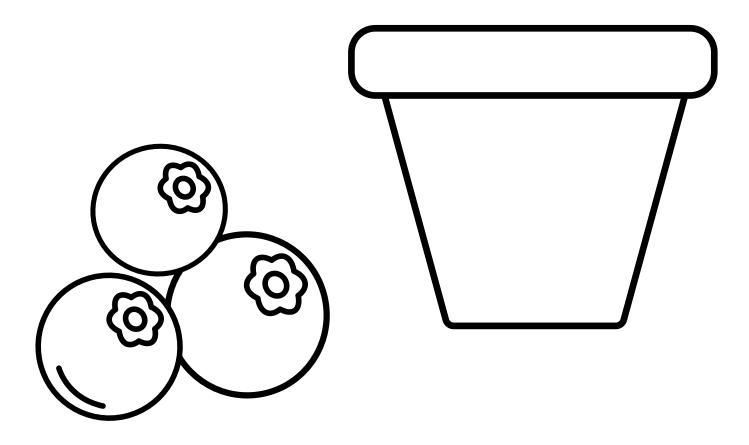
Directions: 1–2) Have students count each animal and tell how many. **3)** Have students draw 3 pictures in the 5-frame. **4)** Have students draw 4 pictures in the 5-frame.



Directions: Help students put a counter on each corner of the shapes. Have students tell how many counters on each shape.

Garden Bears

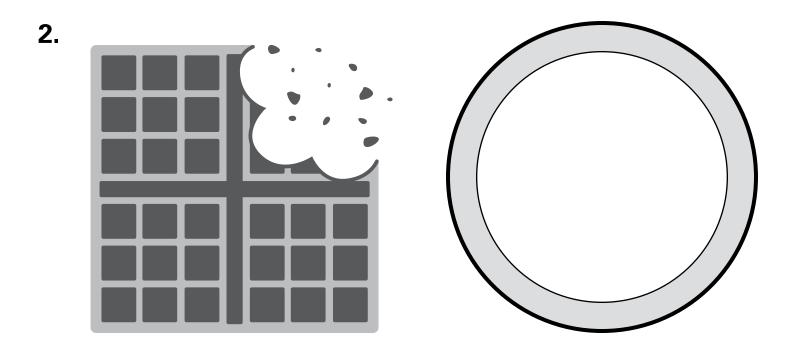




Directions: Top) Have students place a counter on each flower and tell how many, then move the counters to the bee and tell how many. **Bottom)** Have students place a counter on each berry and tell how many, then move the counters to the flowerpot and tell how many.

Lesson 3 Exit Ticket



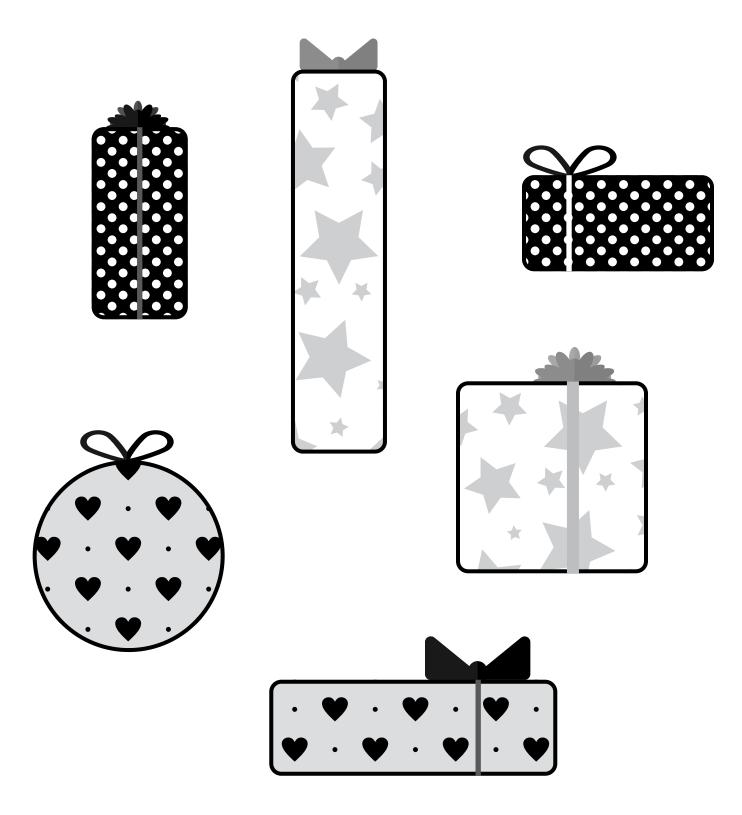


Directions: 1) Help students place a counter on each corner of the rectangle. Then have students tell how many. **2)** Have students place a counter on each large square of the waffle and tell how many, then move the counters to the plate and tell how many.

Catapult Learning"

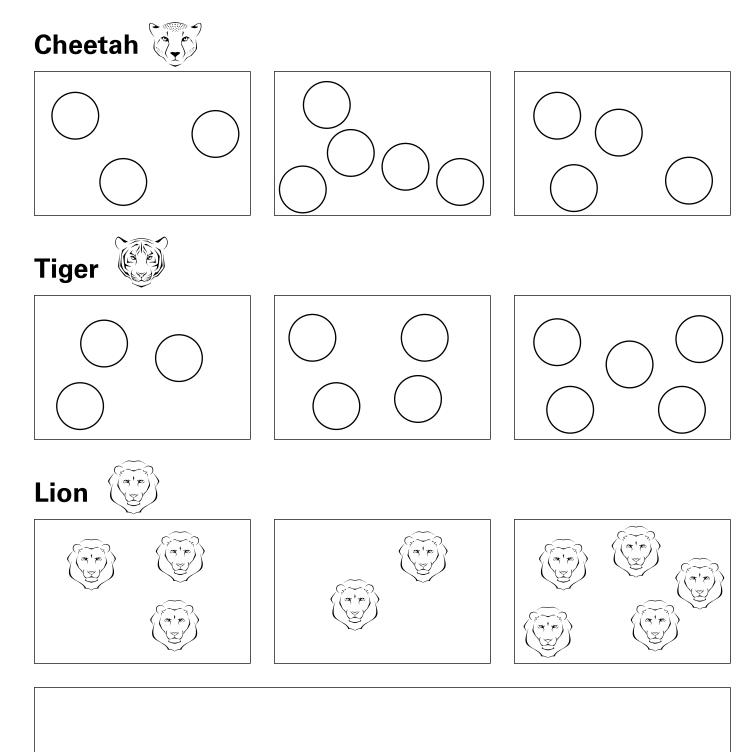
1.

Extra Practice: Gift Bears



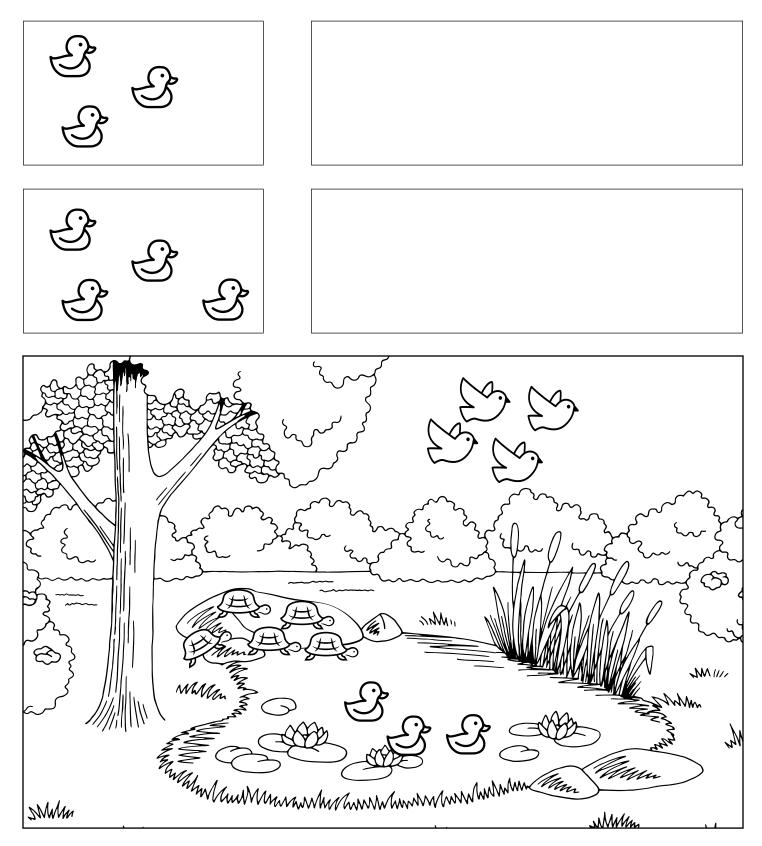
Directions: Have students fill a gift with counters and tell how many. Then have students move the counters to a gift with matching gift paper and tell how many without counting.

Big Cats



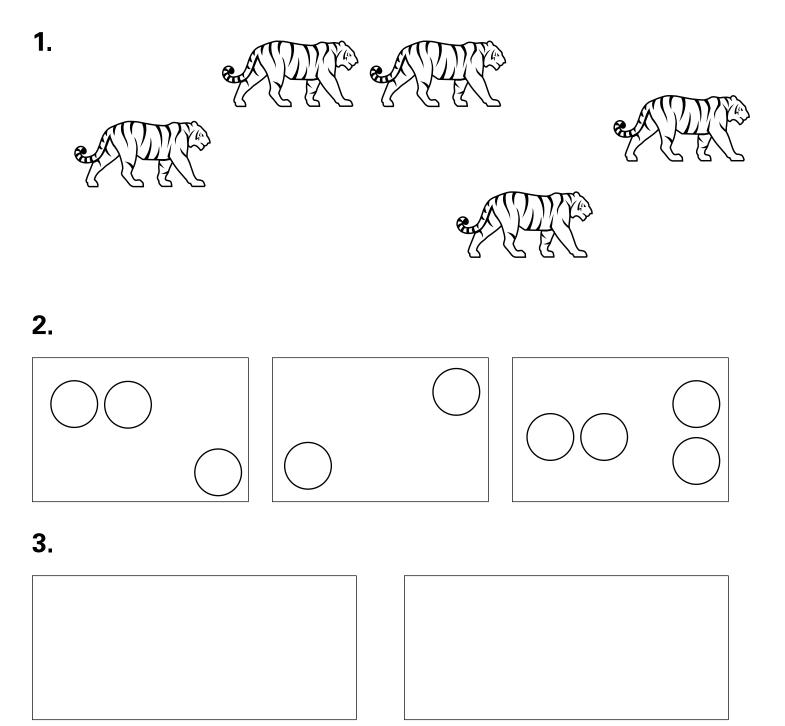
Directions: Top) Have students color the group of 4 circles. **Middle)** Have students color the group of 5 circles. **Bottom)** Have students circle the group of 3 lions, then draw 3 lions in a different way.

At the Pond



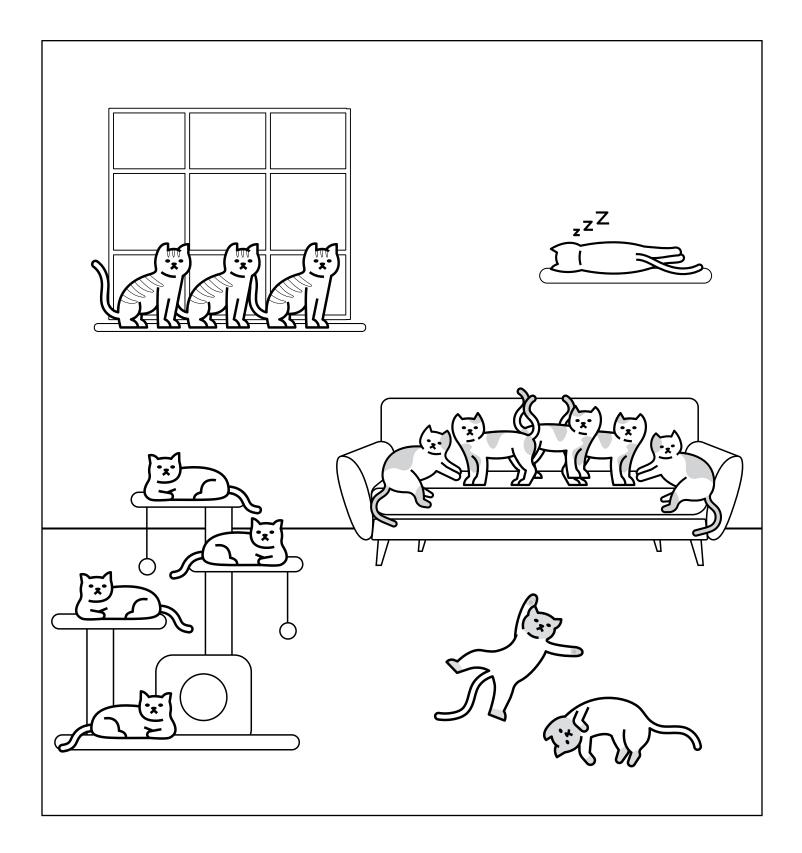
Directions: Top) Have students draw a group of 3 ducks, and a group of 4 ducks, in different arrangements. **Bottom)** Have students circle the group of 4 animals and cross out the group of 5 animals.

Lesson 4 Exit Ticket



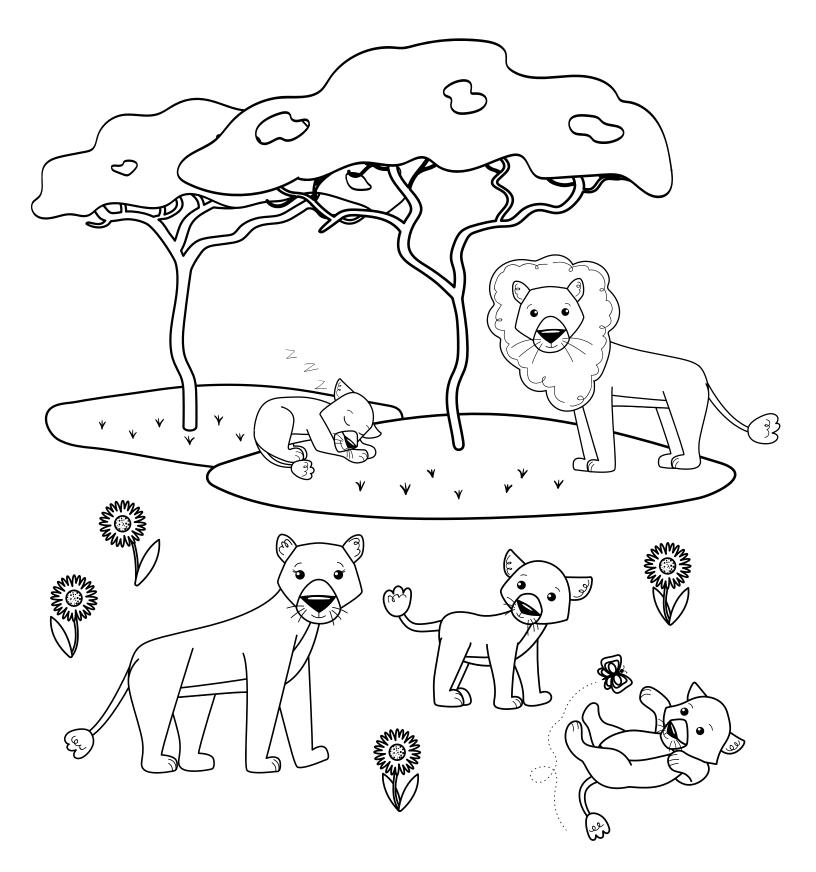
Directions: 1) Have students count the tigers. **2)** Have students color the group of 2 circles. **3)** Have students draw 4 circles two different ways.

Extra Practice: At the Shelter

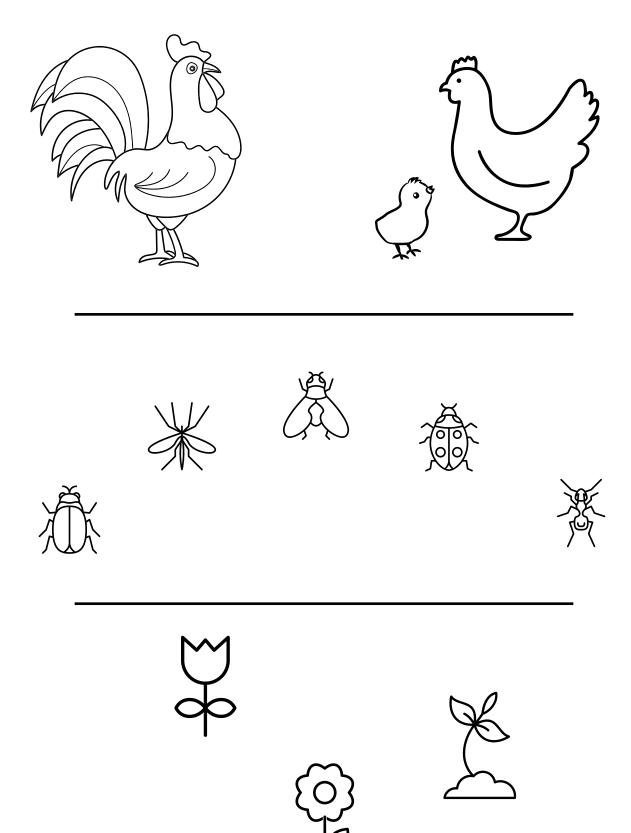


Directions: Have students color the group of 3 kittens orange, the group with 4 kittens brown, and the set with 5 kittens black.

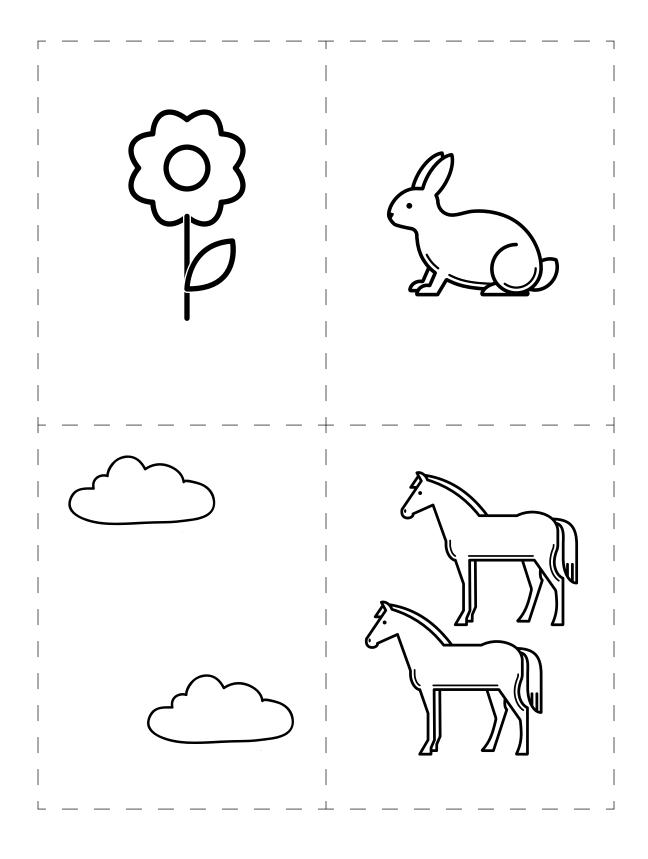
Lion Family



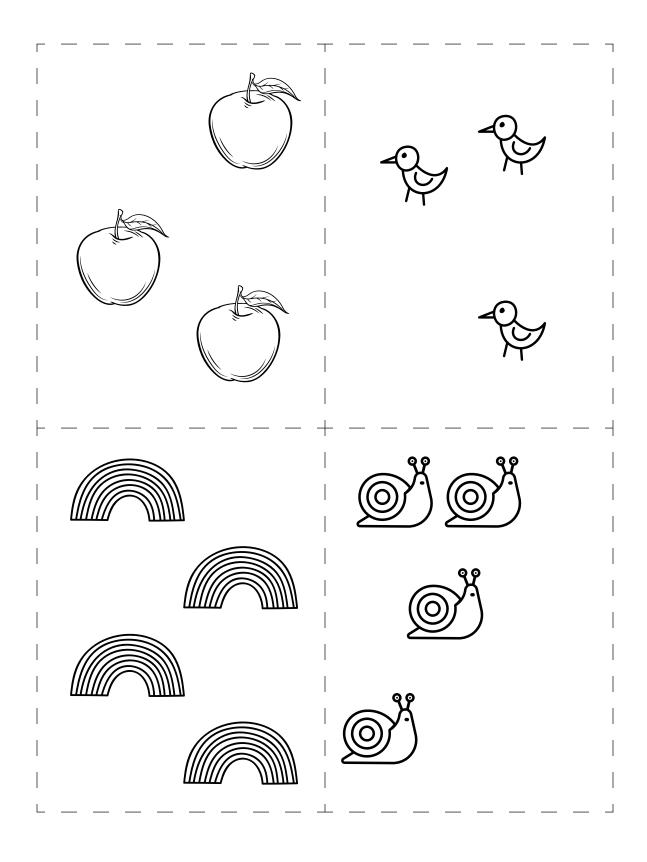
Show My Thinking



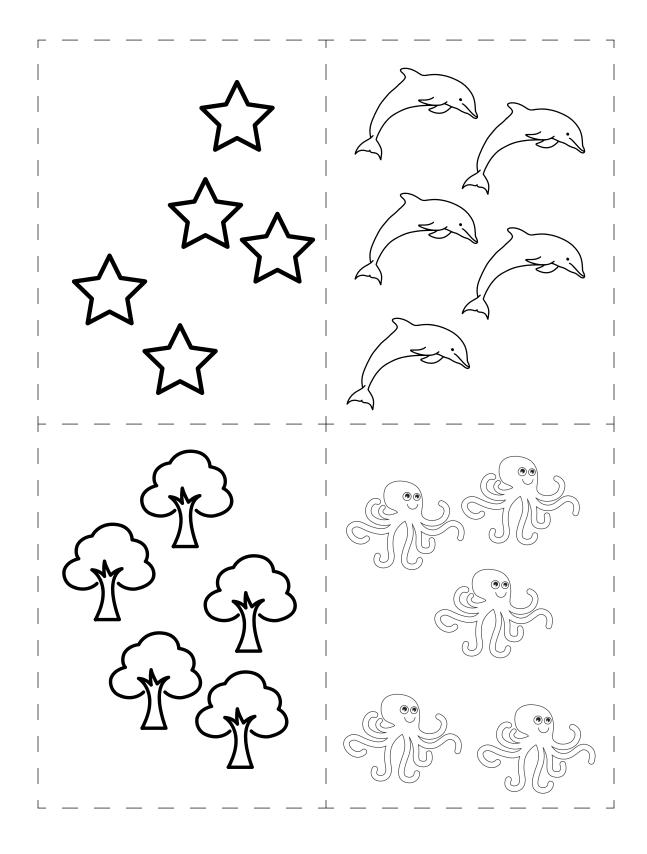
Counting 1-5 Memory



Counting 1-5 Memory

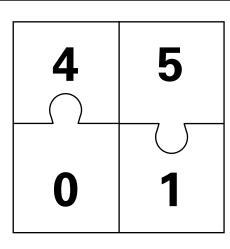


Counting 1-5 Memory



Puzzle Fun

2	5
4	1

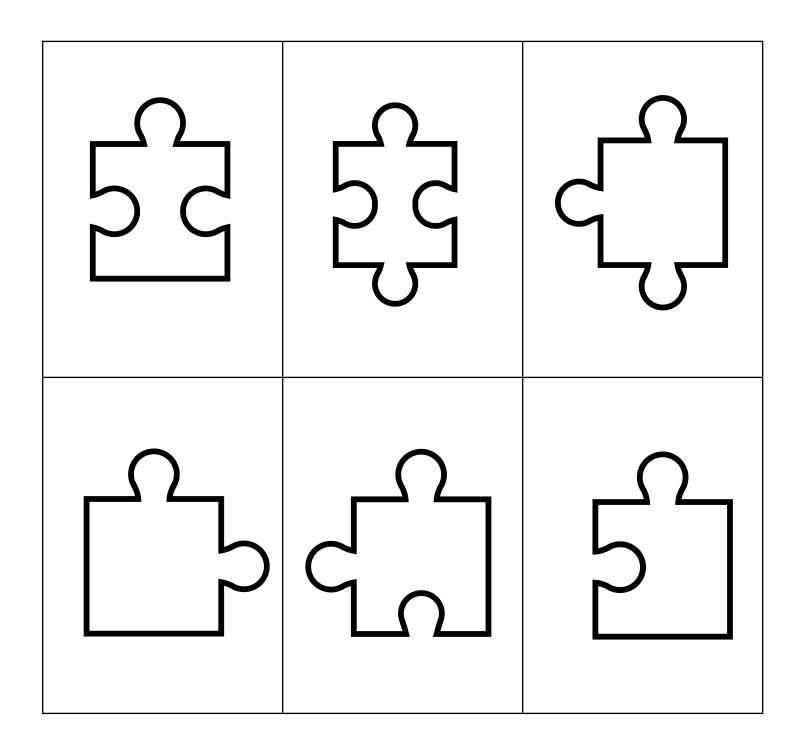


3	2
5	0

Directions: Top) Have students circle 4 and 5. **Middle)** Have students circle 0 and 1. **Bottom)** Have students circle 3 and 2.

Catapult Learning[™]

Pieces



Directions: Have students glue digit cards in counting order on the puzzle pieces.

Lesson 5 Exit Ticket

1.

2 4	3	0
-----	---	---

2.

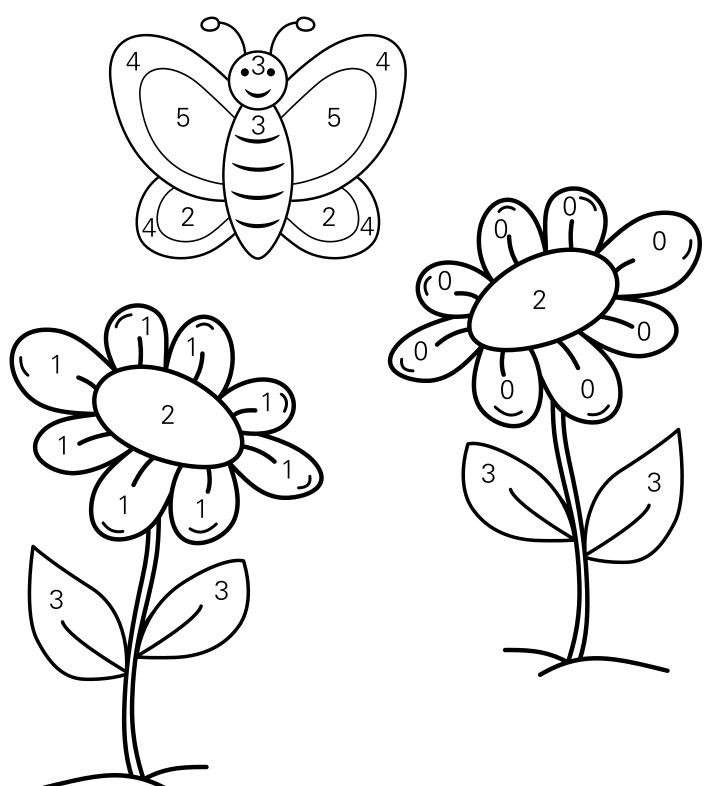
|--|

0 1 2 3 4 5

0 1 3 2 4 5	
-------------	--

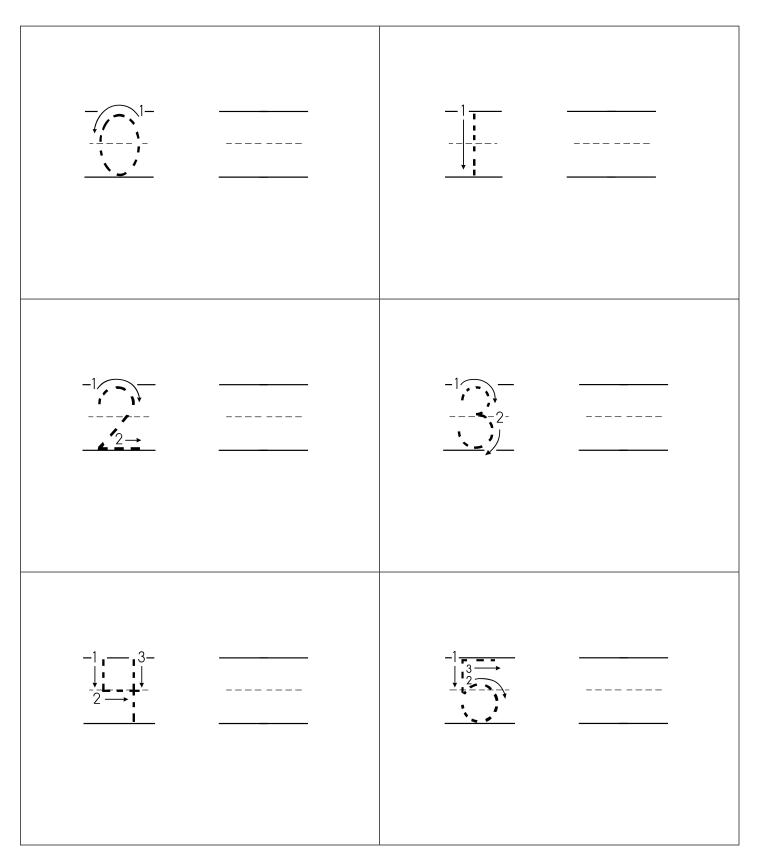
Directions: 1) Have students color the numeral for zero red, the numeral for two yellow, the numeral for three green, and the numeral for four blue. **2)** Have students color the group of numerals that are in counting order.

Extra Practice: Color By Number



Directions: Have students color the zeros red, the ones purple, the twos yellow, the threes green, the fours blue, and the fives orange.

Scorekeeper



Directions: Have students trace each number. Then say number names in random order. Have students locate the numeral matching the number name and write it on the handwriting line.

More Scores

Scarlet Reds		 	
Yellow Canaries		 	
True Blues		 	
Oranges		 	
Green Frogs	-1 , , , , , , , ,	 	
Purple Pigs		 	

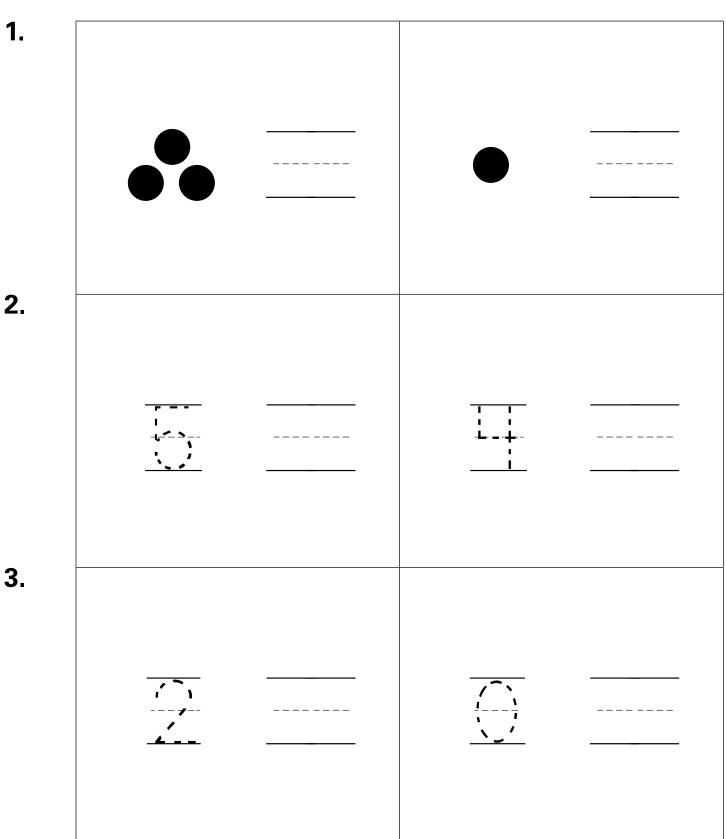
Directions: Have students trace each numeral and write it four times.

©2021

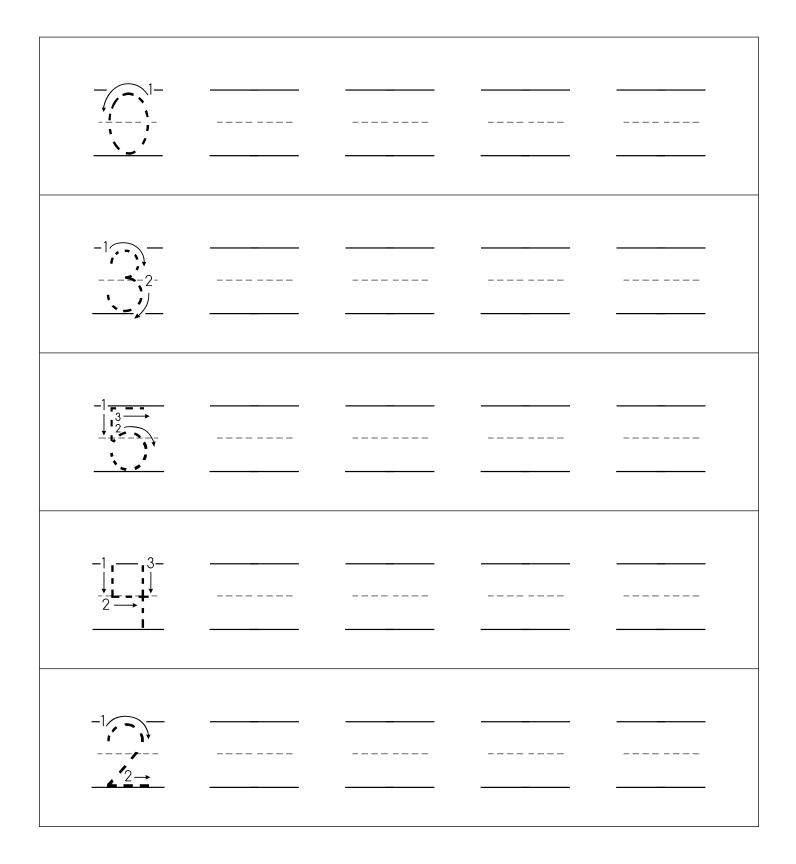
Directions: 1) Have students write the numbers for 3 and 1. **2–3)** Have students trace and write each numeral.

©2021

Catapult Learning"



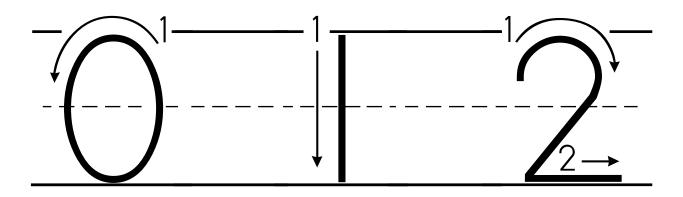
Extra Practice: Soccer Shirts

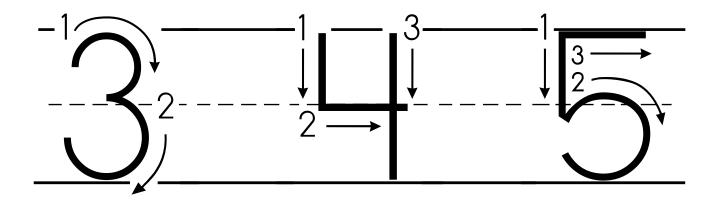


Directions: Have students trace each number, then write it four times.

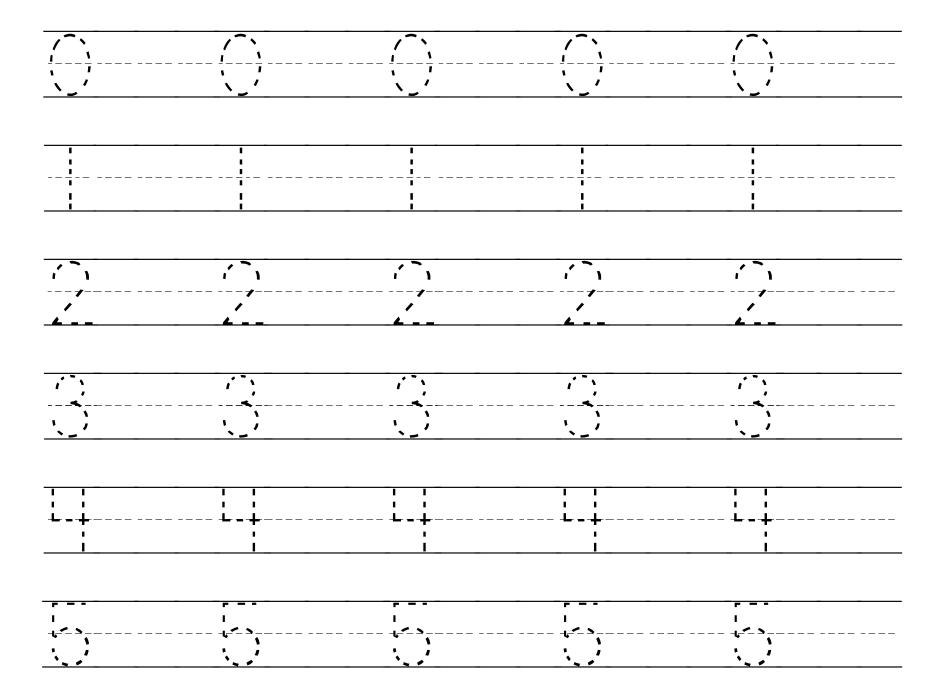
©2021

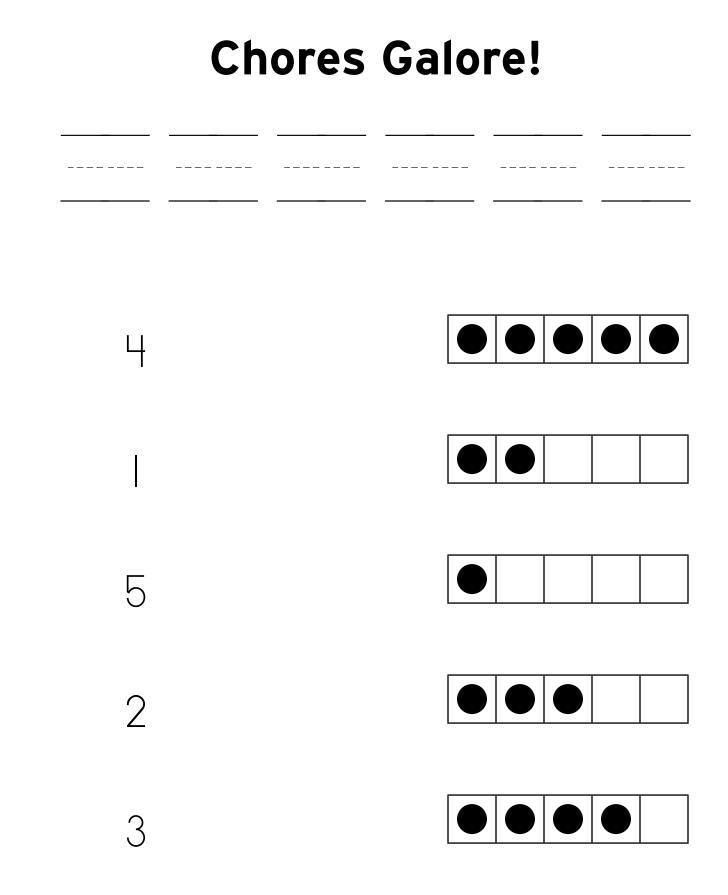
Tracing Numbers





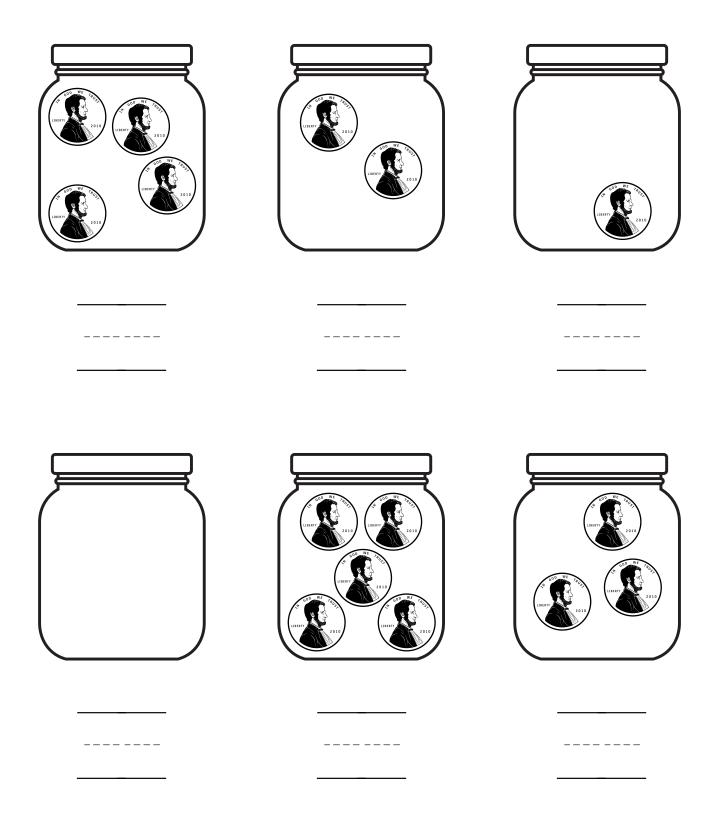
Rainbow Writing





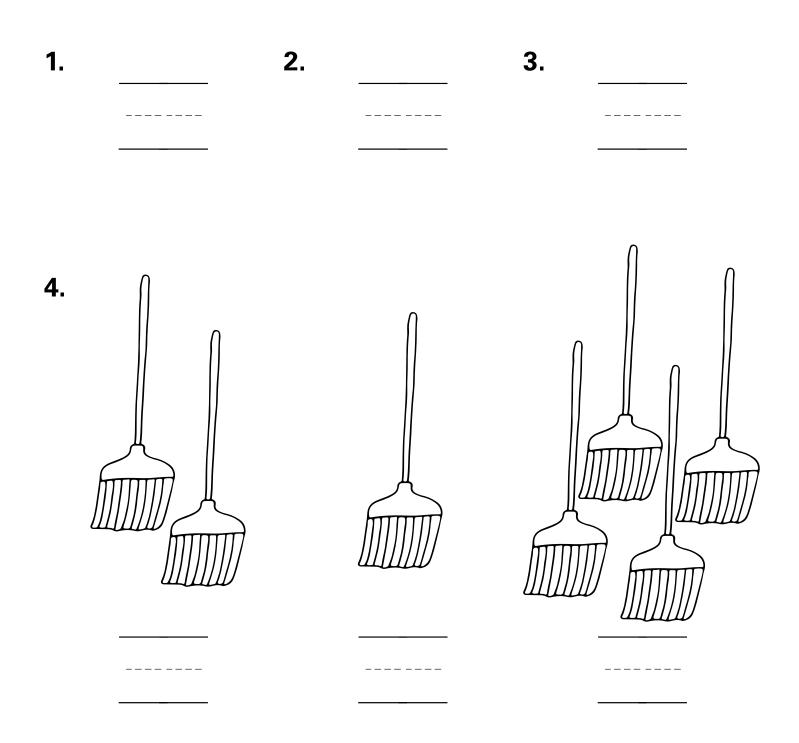
Directions: Top) Display a number of counters and have students write the numeral that tells how many. **Bottom)** Have students match each picture to the numeral that tells how many.

Devan's Jars



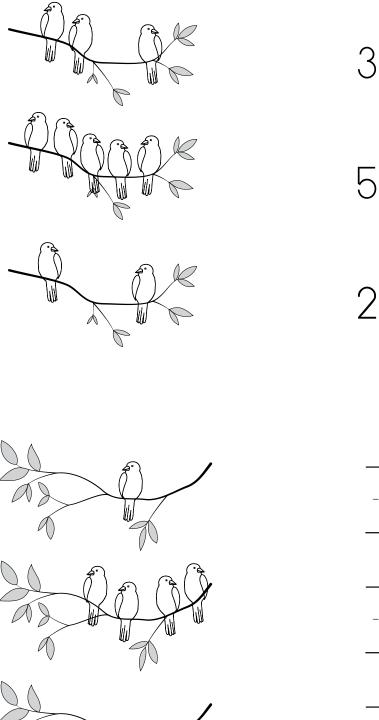
Directions: Have students count the number of pennies in each jar and write the number that tells how many.

Lesson 7 Exit Ticket



Directions: 1–3) Display a number of counters and have students write the numeral that tells how many. **4)** Have students count the number of brooms and write the number that tells how many.

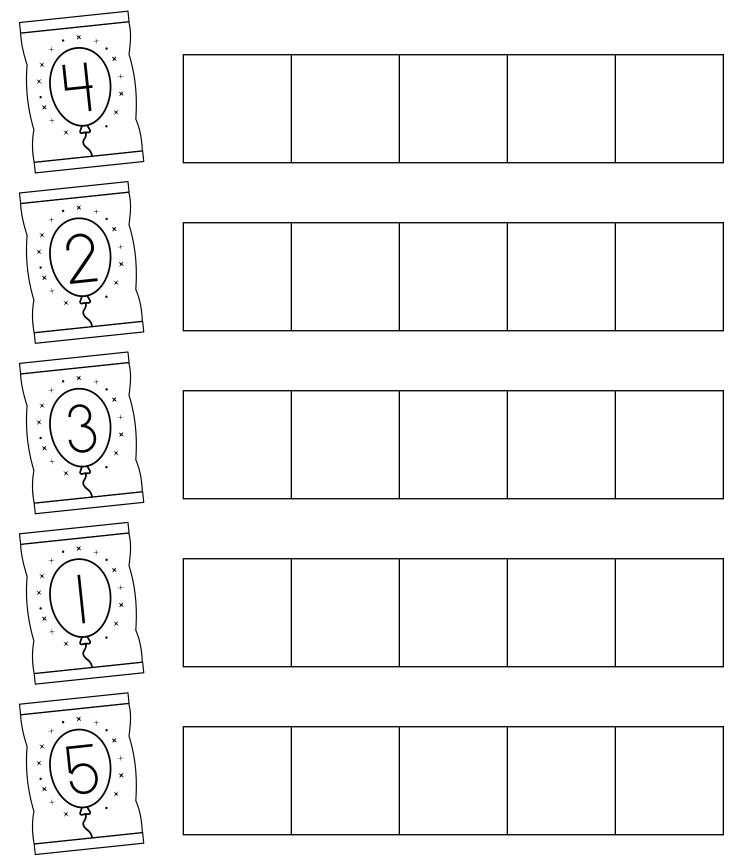
Extra Practice: Birds



Ч

Directions: Top) Have students circle the numeral that tells how many birds on the branch. **Bottom)** Have students write the numeral that tells how many birds on the branch.

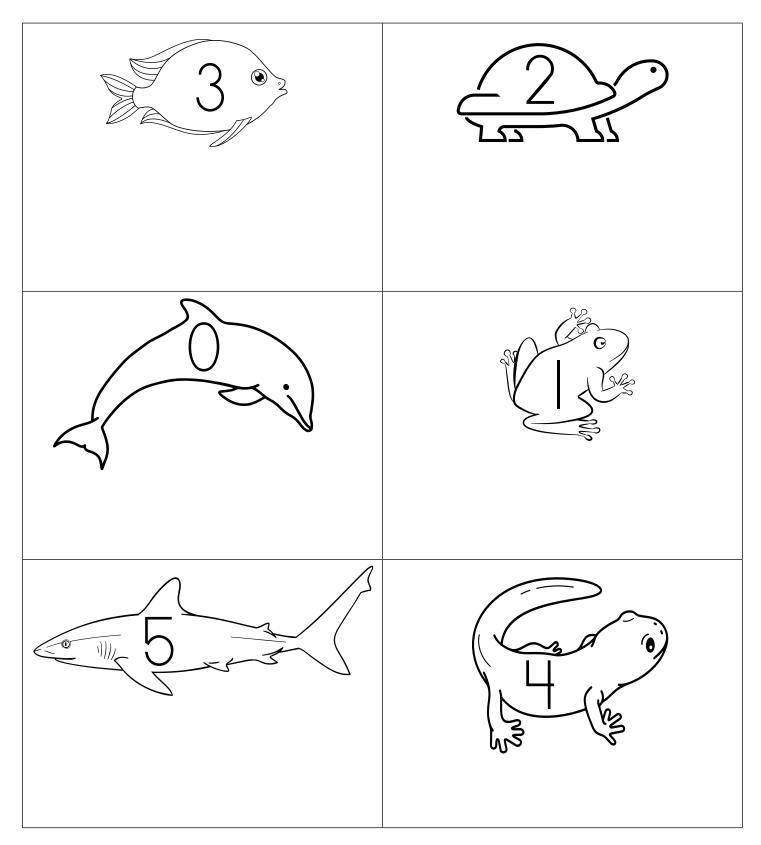
Balloons



Directions: Have students read each numeral and place counters on the 5-frame to show how many.

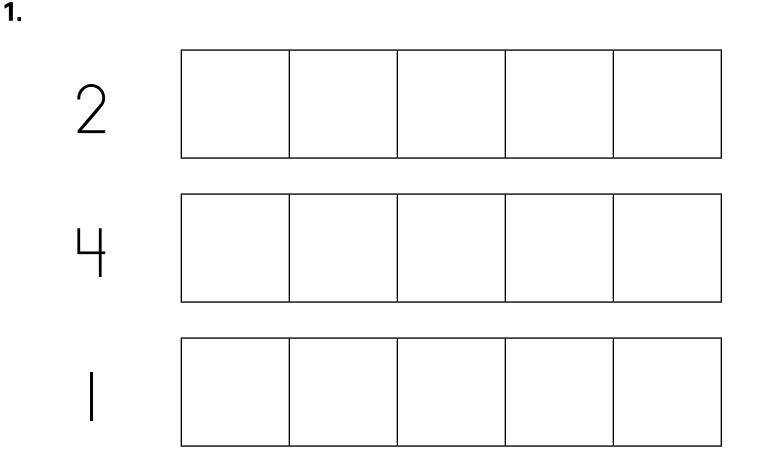
Catapult Learning[™]

At the Aquarium

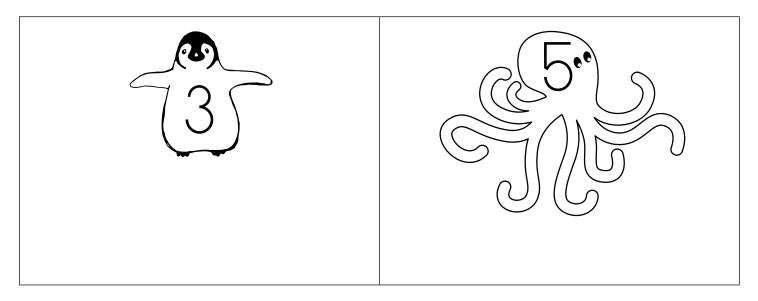


Directions: Have students read each numeral and place counters in the box to show how many.

Lesson 8 Exit Ticket



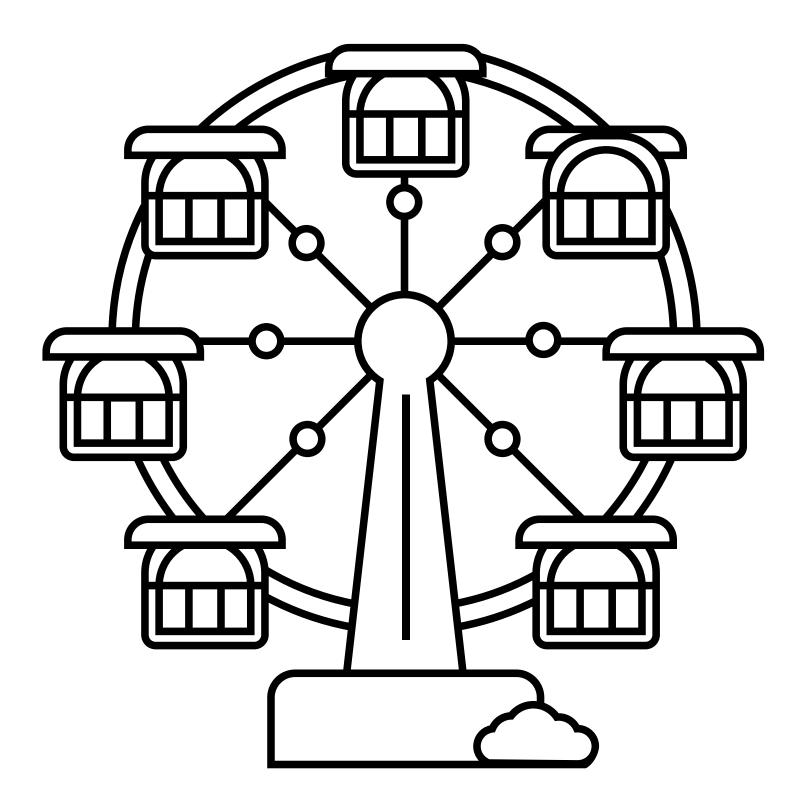
2.



Directions: 1) Have students read each numeral and place counters on the 5-frame to show how many. **2)** Have students read each numeral and place counters in the box to show how many.

Catapult Learning[™]

Extra Practice: Ferris Wheel



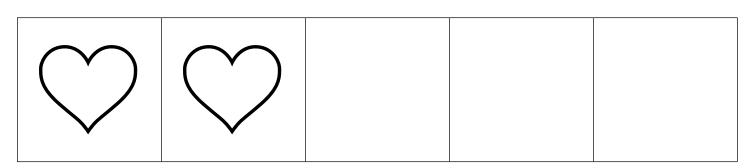
Directions: Display numerals 0–5 in random order and have students display the appropriate number of counters on the Ferris wheel.

Assessment

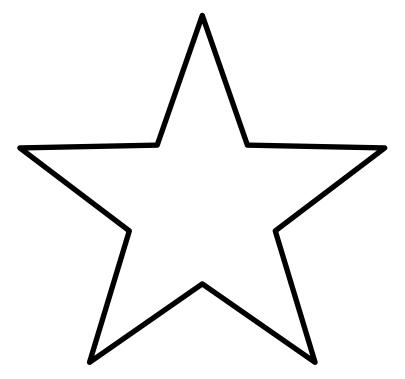
Unit 1 Assessment

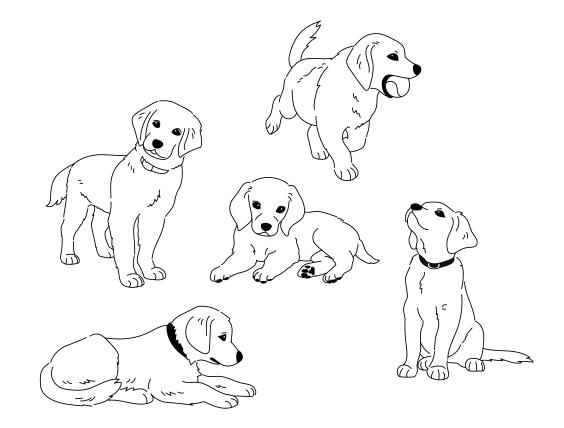
1.

2.



3.



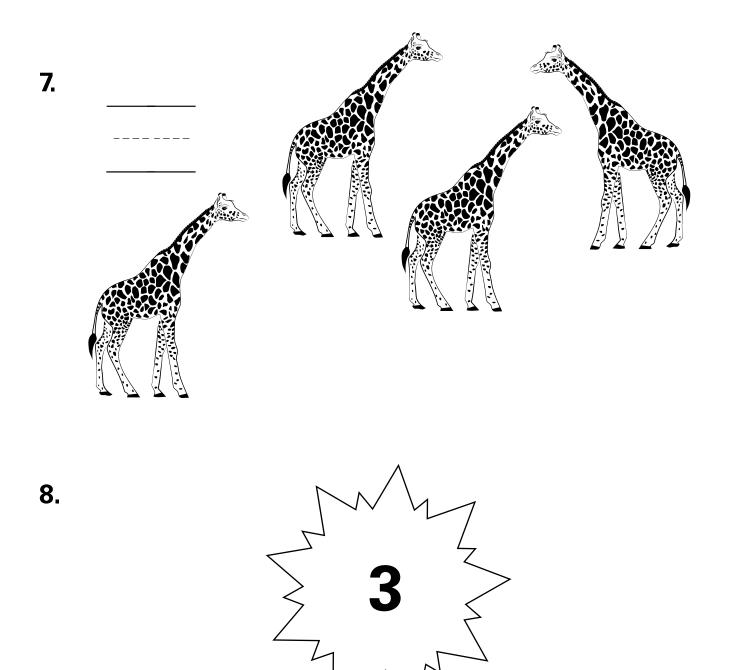


5.

4.

_

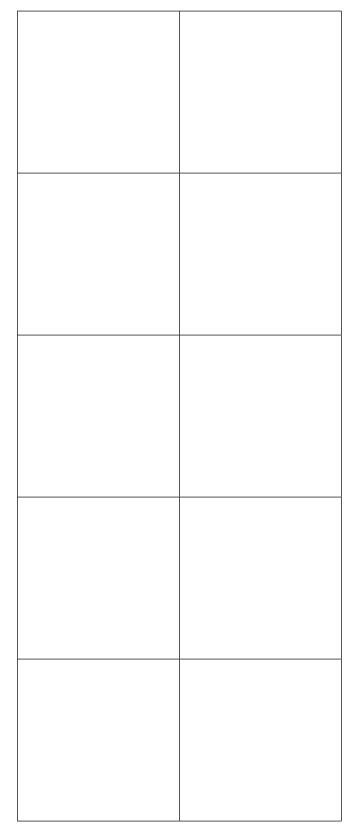
6.



Unit 2: Counting to 10

Catapult Learning[™]

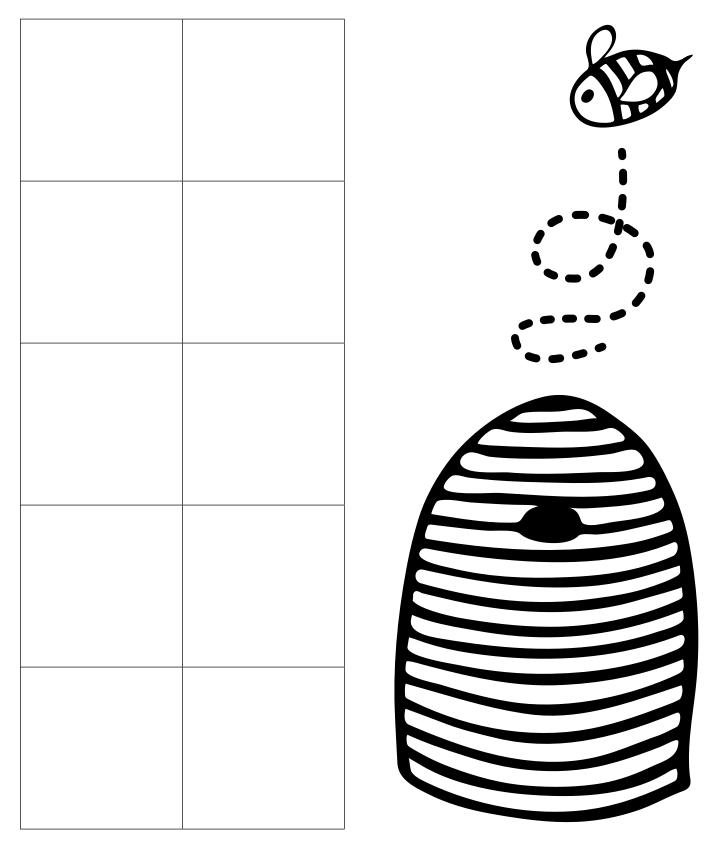
Busy Buzzing Honeybees





Directions: 1) Place 8 counters on the 10-frame. Have students count and say how many. **2)** Place 6 counters on the 10-frame. Have students count and say how many. **3)** Have students place 7 counters in the frame. **4)** Have students place 6 counters in the frame.

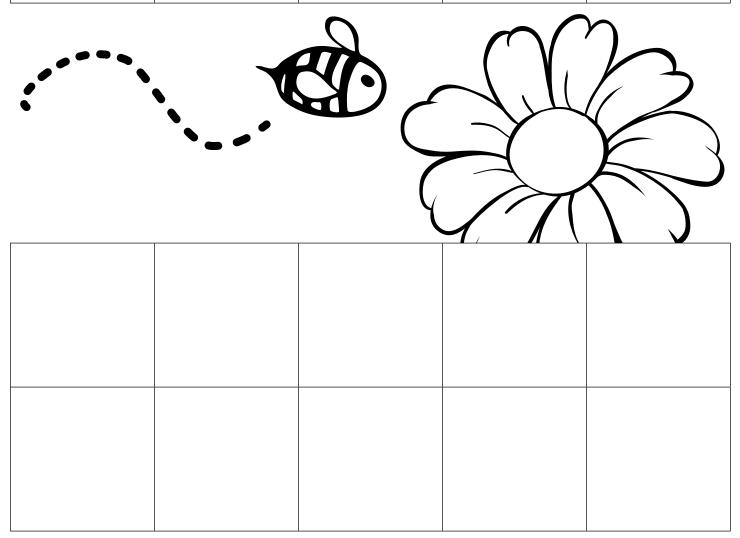
Honeybees Fly Home



Directions: 1) Place 8 counters on the 10-frame. Have students count and say how many. **2)** Place 6 counters on the 10-frame. Have students count and say how many. **3)** Have students place 7 counters in the frame. **4)** Have students place 10 counters in the frame.

Lesson 10 Exit Ticket

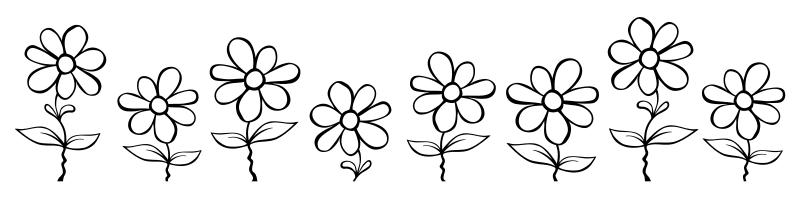
- 1				
- 1				
		1	1	1



Directions: 1) Place 6 counters on the 10-frame. Have students count and say how many. **2)** Have students place 9 counters in the frame.

Extra Practice: Count to 10

1	1	1
1	1	1



Directions: 1) Place a group of between 6 and 10 counters in the box at the top of the page. Have students move the counters to the 10-frame and count them and say how many. **2)** Have students use counters to show a number 6–10 on the 10-frame, and have their partner tell how many.

Bunny Tales

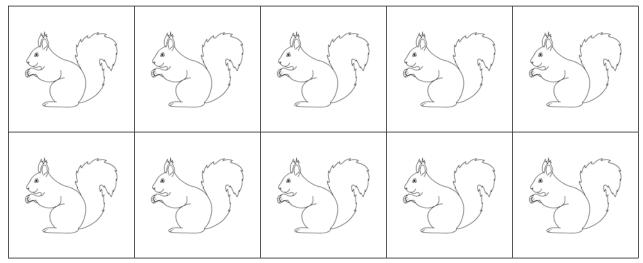
Г			
h			

Directions: Top) Have students count the bunnies and tell how many. **Middle)** Have students draw circles to show 6 bunnies in the garden. **Bottom)** Have students draw circles to show 9 bunnies in the garden.

Catapult Learning[™]

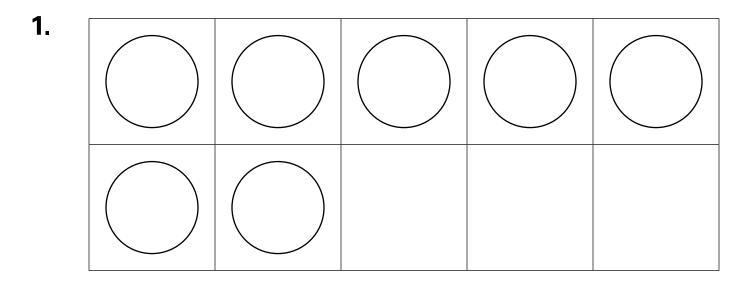
Squirrel Tales





Directions: Top) Have students draw 7 circles. **Middle)** Have students draw 9 circles. **Bottom)** Have students count and name the number of squirrels in the 10-frame.

Lesson 11 Exit Ticket



3.

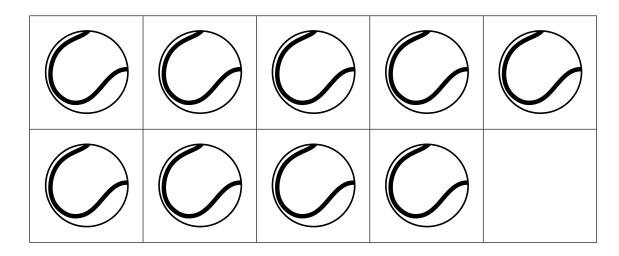
2.

[

Directions: 1) Have students count the circles and say how many. **2)** Have students draw 8 circles in the 10-frame. **3)** Have students draw 10 circles in the 10-frame.

Catapult Learning[™]

Extra Practice: Tennis Ball Count



Γ			

Г			
┝			

Directions: Top) Have students count the tennis balls and tell how many. **Middle)** Have students draw 7 circles. **Bottom)** Have students draw 9 circles.

10-Frames

Г							
H							

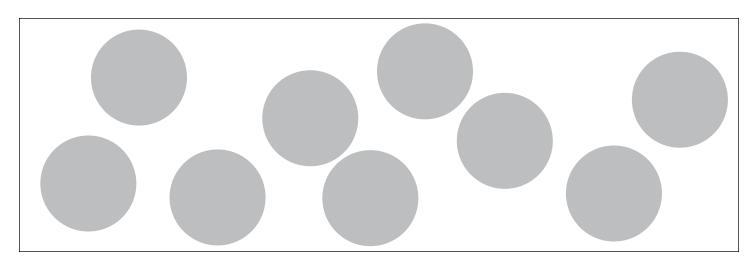
10-Frames

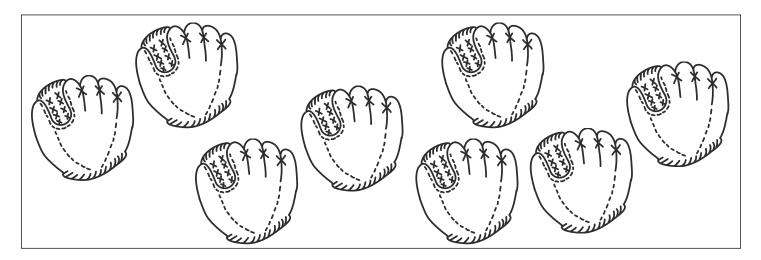
Г			
		1	
. Г			
		1	

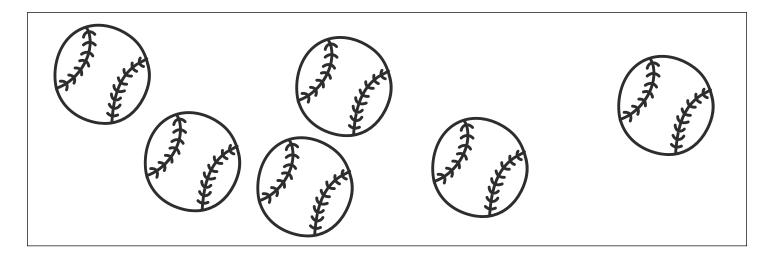


Directions: 1) Have students place two counters on each corner of the baseball field and count to find how many. **2)** Have students place two counters on each corner of home plate and count to find how many. **3)** Have students place two counters on each corner of the pitcher's mound and count to find how many.

The Big Game

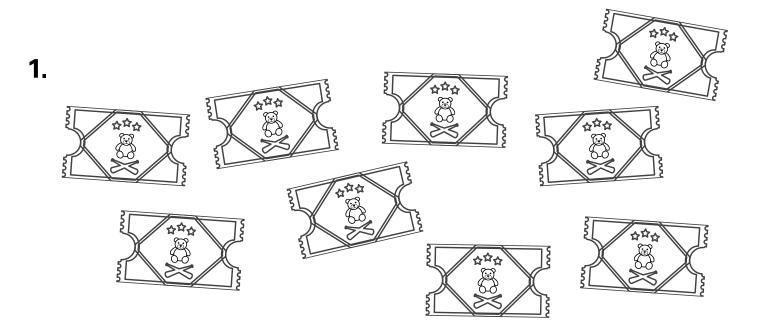


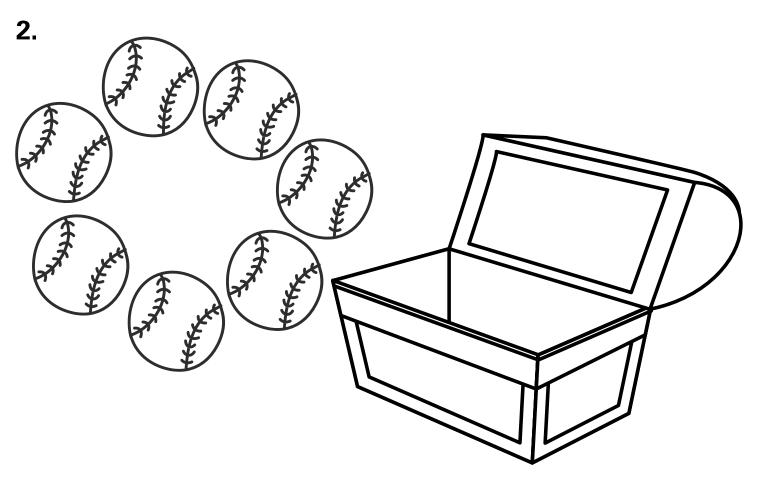




Directions: Top) Have students place a counter on each circle and say how many. **Middle)** Have students place a counter on each baseball mitt and say how many. **Bottom)** Have students place a counter on each baseball and say how many. **All)** Have students move each group of counters off the page and tell how many bears there are.

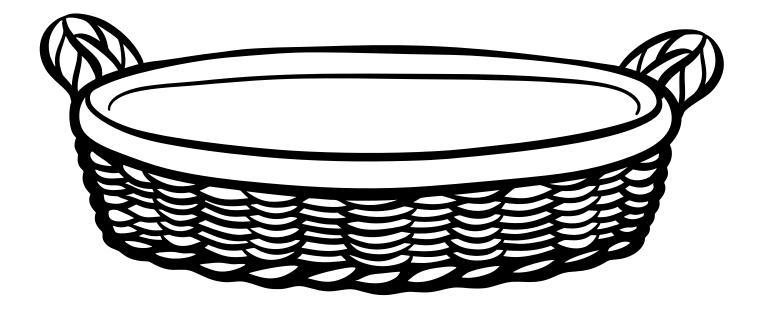
Lesson 12 Exit Ticket

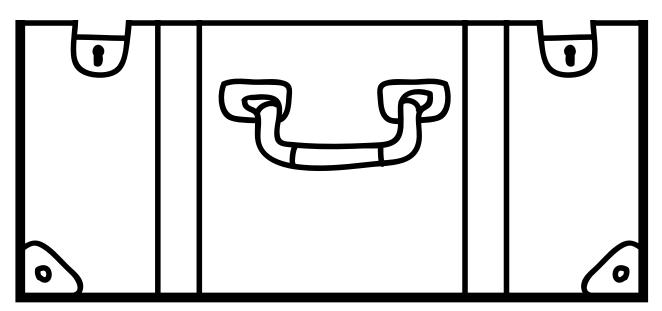




Directions: 1) Have students place a counter on each baseball game ticket and tell how many.2) Have students place a counter on each baseball and tell how many. Then have students move the counters to the box and tell how many.

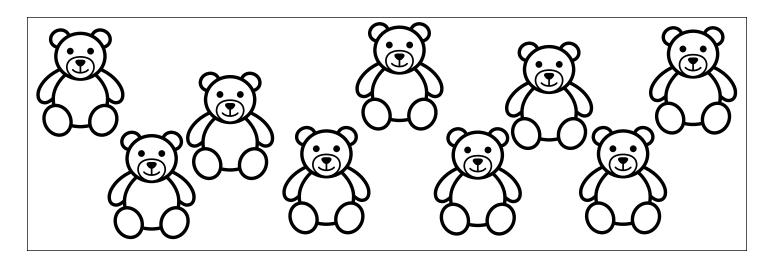
Extra Practice: Teddy Bear Cleanup

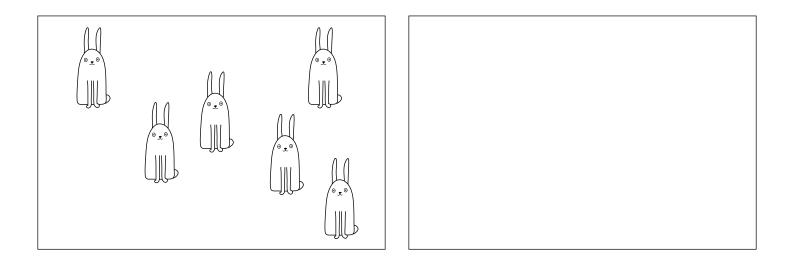


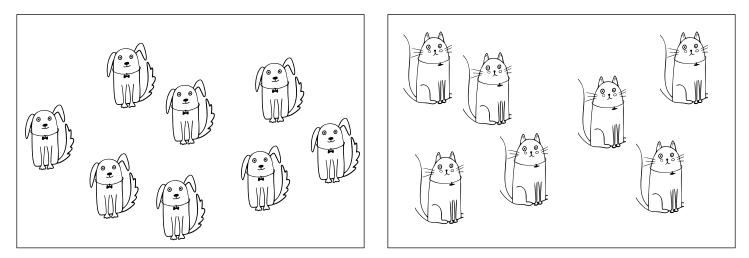


Directions: Without counting, have students place some of their teddy bear counters on the basket. Then have them count them and tell how many. Have students move the counters to the toy box and tell how many.

The Toy Box

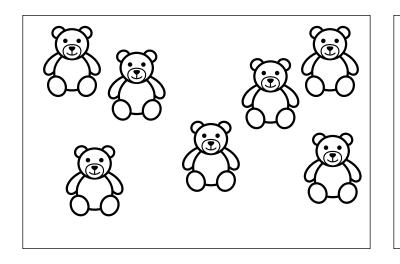




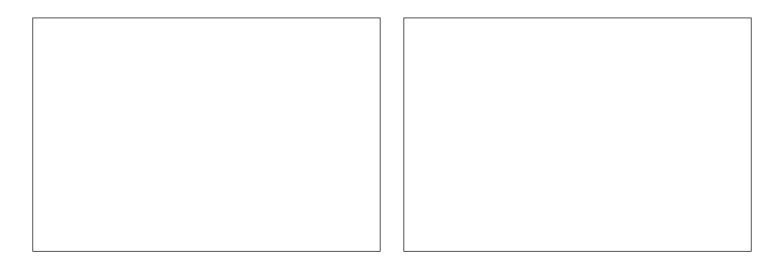


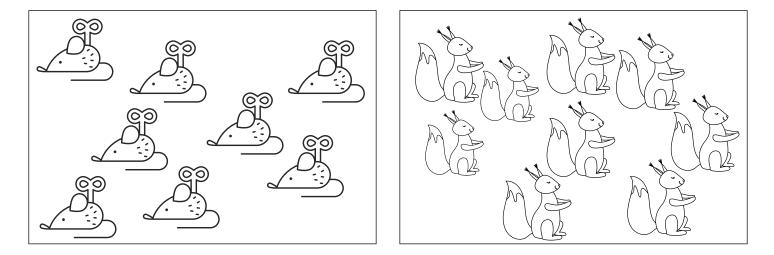
Directions: Top) Have students count the teddy bear pictures and say how many. **Middle)** Have students count the bunnies, and in the empty space draw that number of circles in a different arrangement. **Bottom)** Have students count each group of toy animals and circle the group with 8 animals.

The Toy Store



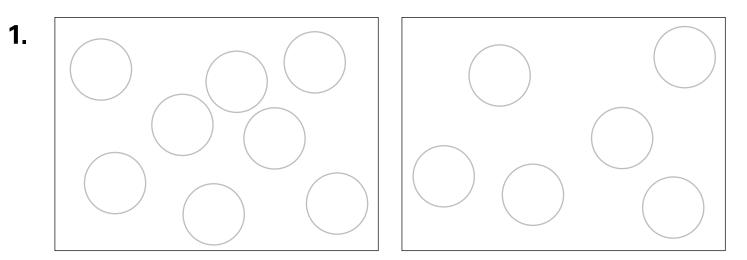






Directions: Top) Have students count the teddy bears shown, and then draw the same number of bears or circles in a different arrangement. **Middle)** Have students draw 10 circles two different ways. **Bottom)** Have students count each group of toy animals and circle the group that has 9 toy animals.

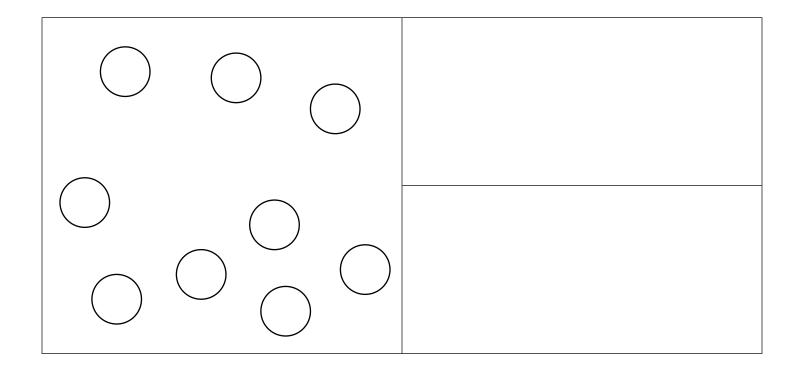
Lesson 13 Exit Ticket

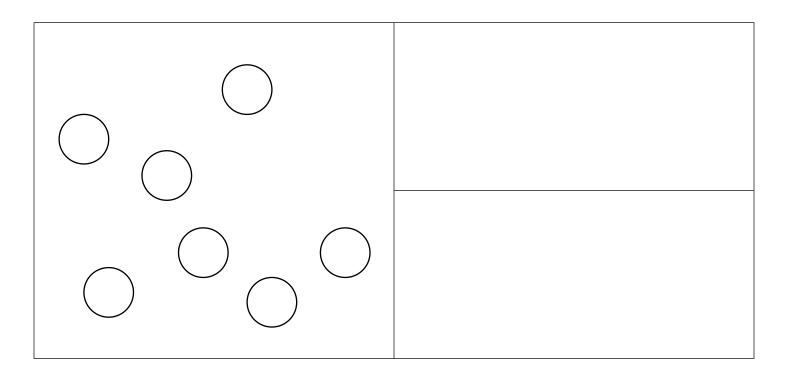


2.

Directions: 1) Have students count the circles in each rectangle then have them color the group of 6 circles and tell how many. **2)** Have students draw 8 circles in each rectangle. Have them arrange the circles in two different ways and tell how many in each rectangle.

Extra Practice: Rock Displays



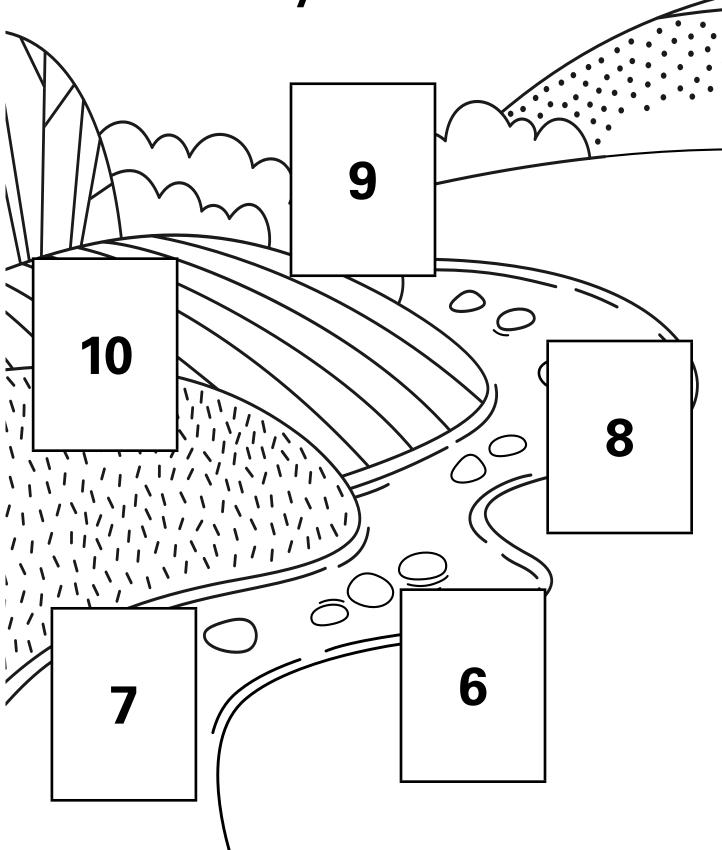


Directions: Have students count each set of circles, then show two different ways to draw the same number of circles.

Toy Box Teddy Bears



Birthday Board Game

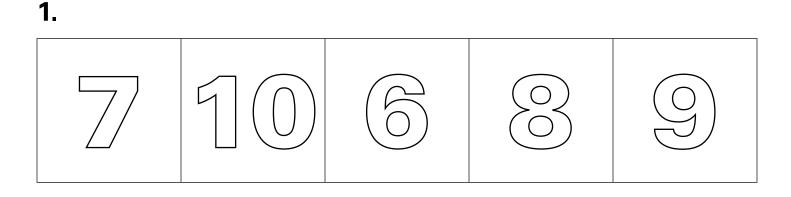


Directions: Have students circle the numeral 8, mark an X on the numeral 6, draw a line under the numeral 9, draw a line over the numeral 10, and color the card with the numeral 7.

Go Fish! Card Game					
1	2	3	4	5	

Directions: Have students say the names for the numerals in the top row. Then have students glue digit cards for numerals 6–10 in order on the page.

Lesson 14 Exit Ticket



2.

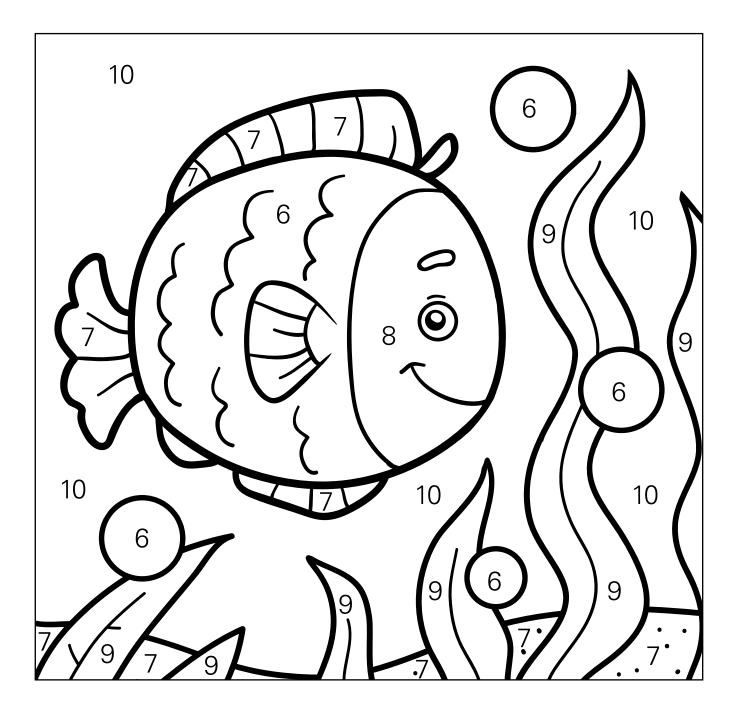
1 2 4 5 6 3 8 7 9 10

1 2 3 4 5 6 7 9 8 10

1 2 3 4 5 6 7 8 9 10

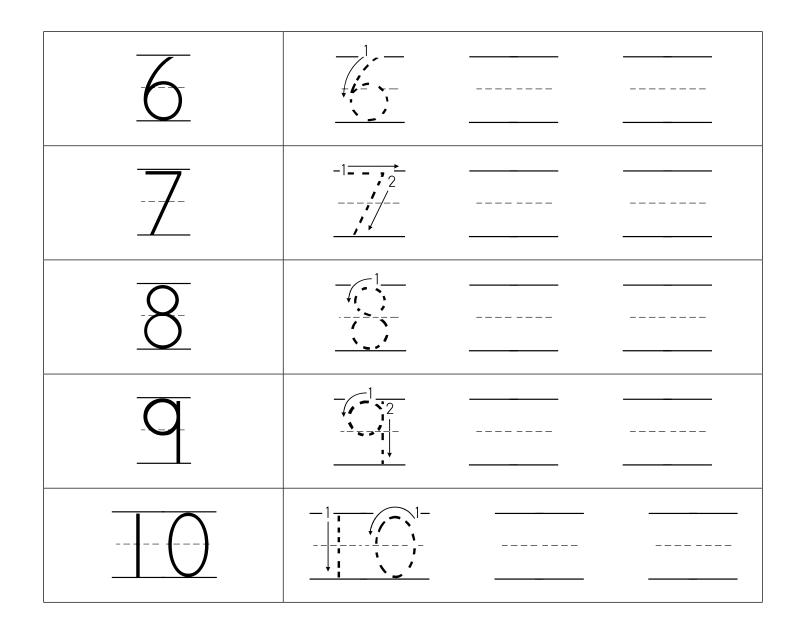
Directions: 1) Have students color the numeral 8 orange, the numeral 6 blue, the numeral 7 green, the numeral 9 yellow, and the numeral 10 red. **2)** Have students circle the group of numerals that is in counting order.

Extra Practice: Color By Number



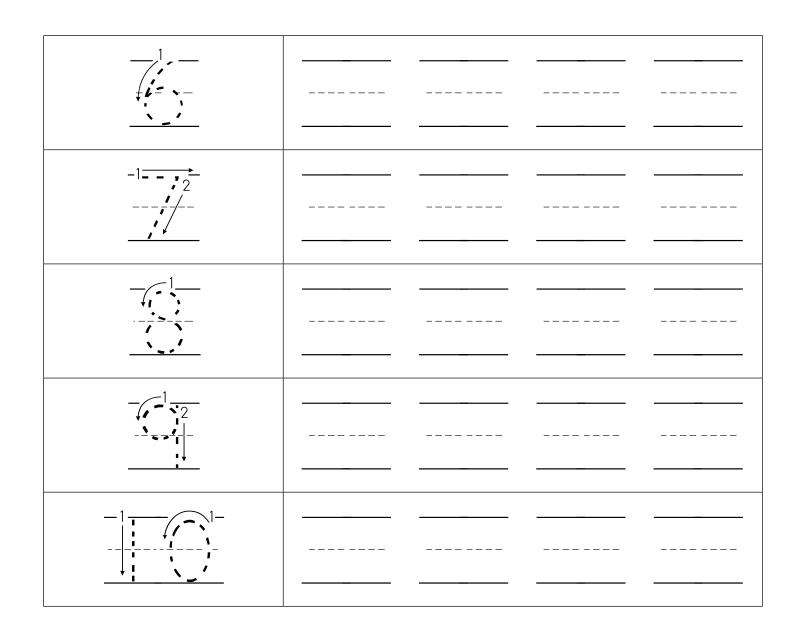
Directions: Have students color 6s yellow, 7s orange, 8s purple, 9s green, and 10s blue.

Jayden's Cars



Directions: Say the number name. Have students trace the dashed numeral with their finger. Then have them write the numeral on the handwriting lines carefully two times. After writing each numeral twice, have students circle the numeral they think they wrote better.

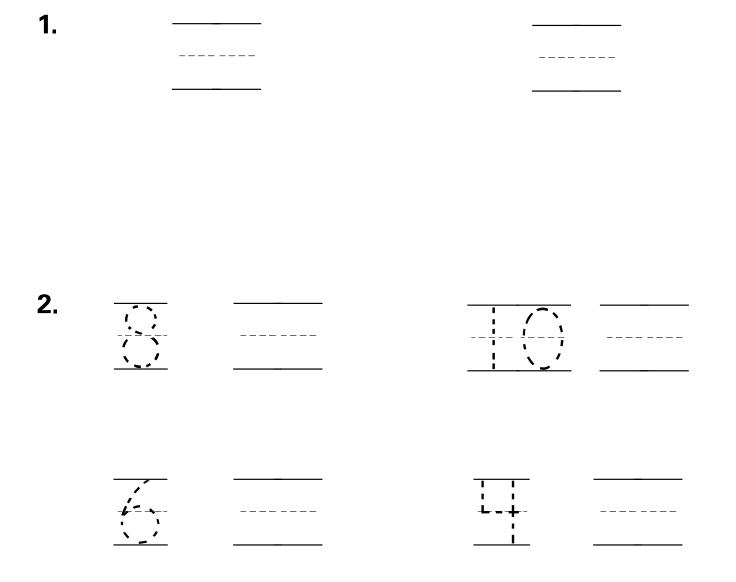
Jayden's Trucks



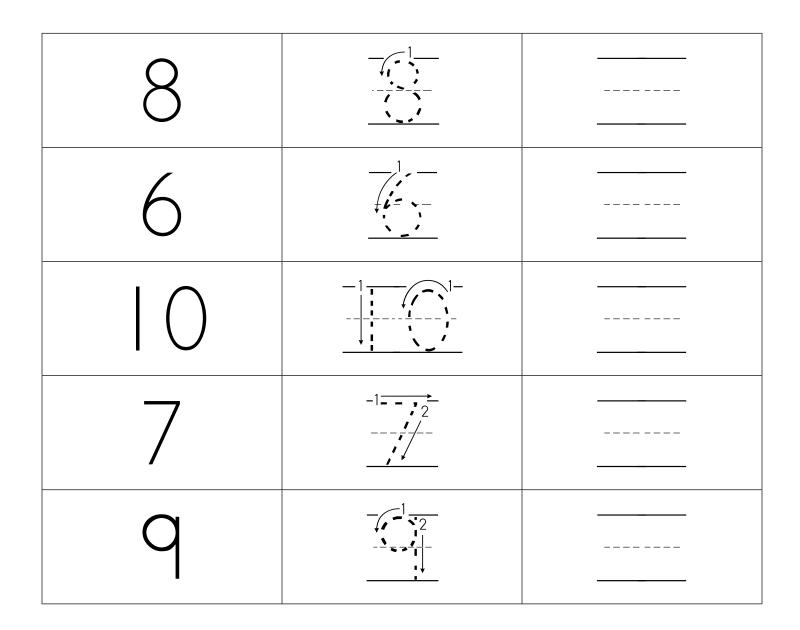
Directions: Have students name each numeral, then write the numeral four times.

©2021

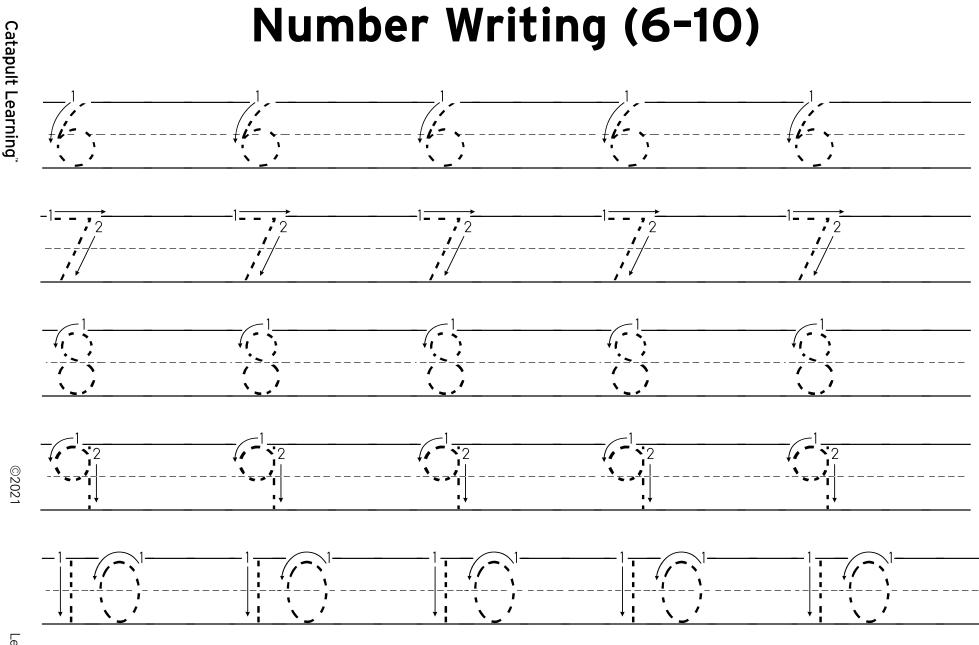
Lesson 15 Exit Ticket



Extra Practice: Number Writing

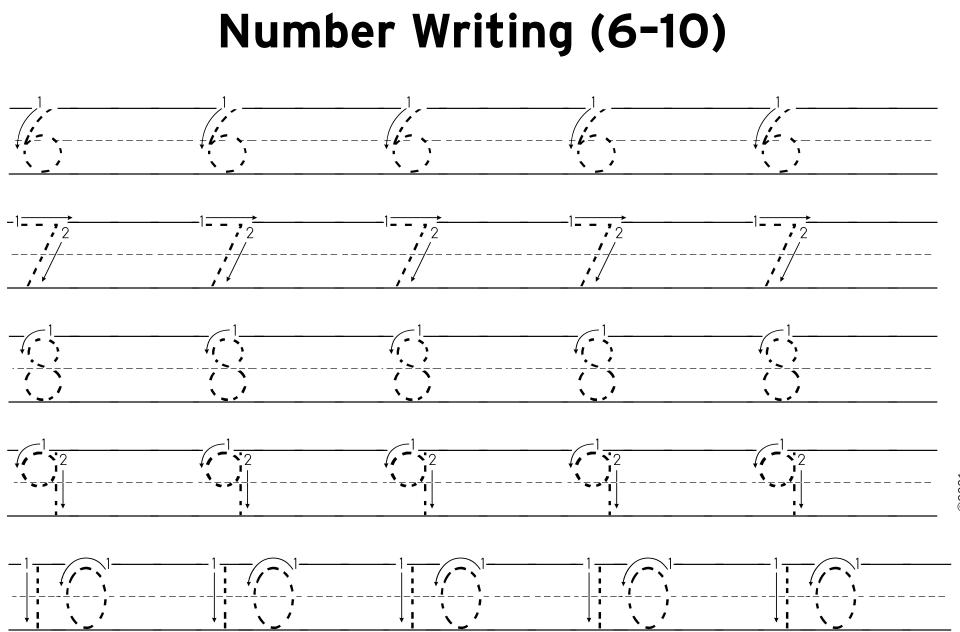


Directions: Have students identify each numeral. Then have them trace the numeral and write it.



Lesson 15

83



Catapult Learning

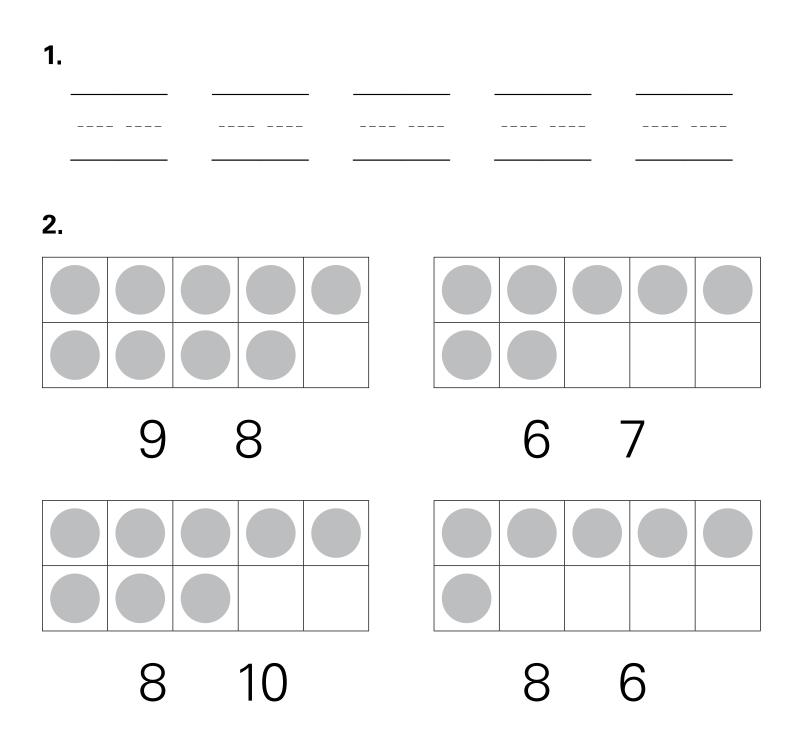
©2021

Lesson 15

Number Bingo

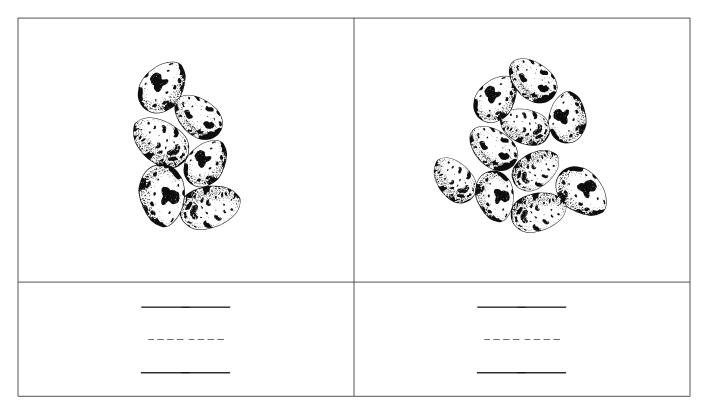
В	l	N	G	0
		Free		
		Free Space		

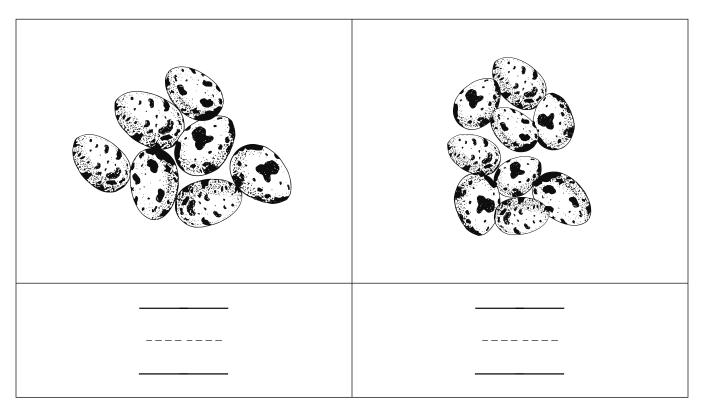
Bird Watching



Directions: 1) Display a number of counters on a 10-frame and have students write the numeral that tells how many. **2)** Have students circle the numeral that tells how many are shown in the 10-frame.

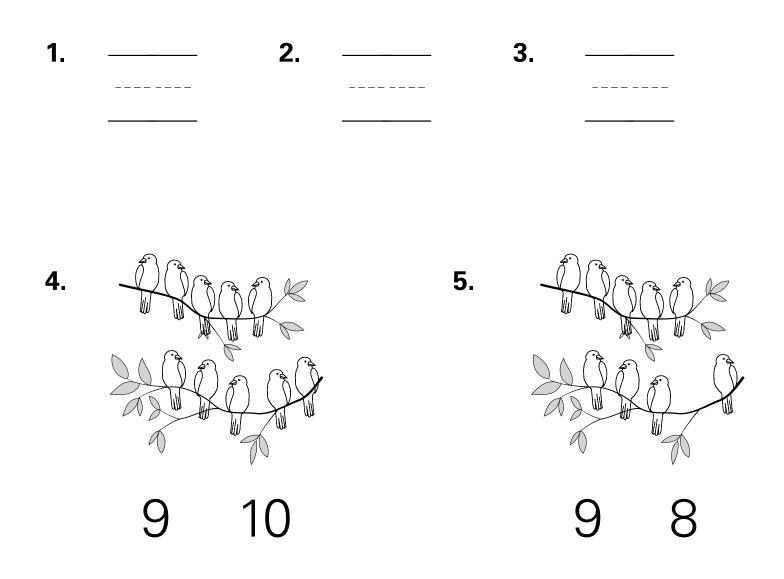
Bird Eggs





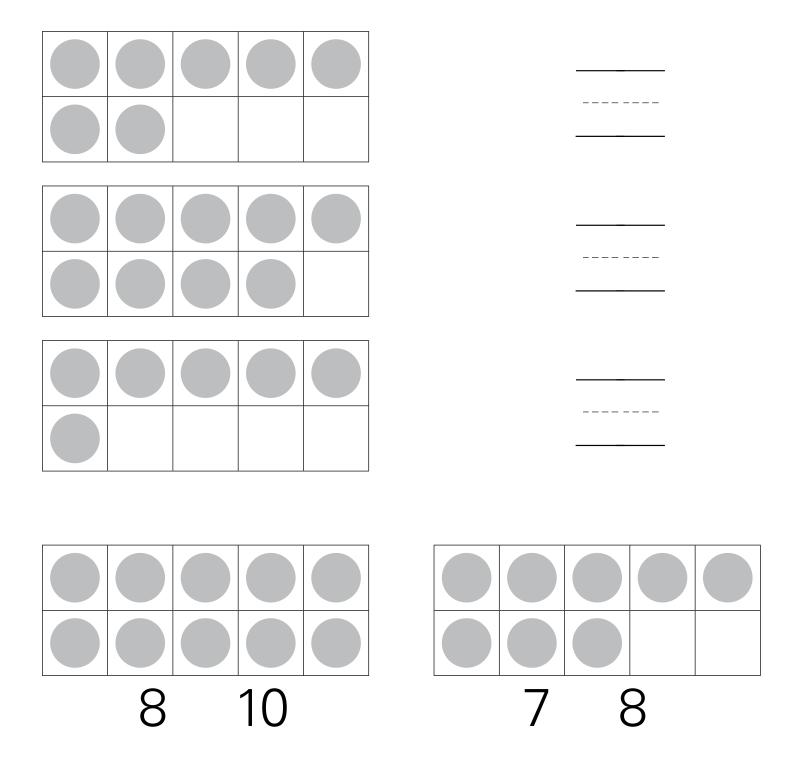
Directions: Have students count the objects in each picture and write the numeral that tells how many.

Lesson 16 Exit Ticket



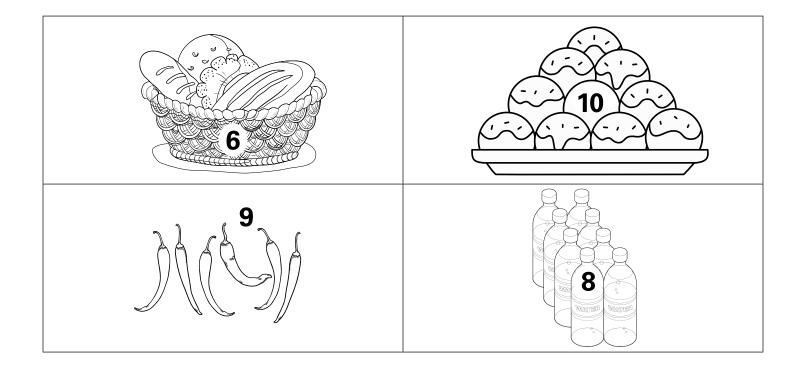
Directions: 1–3) Display a number of counters and have students write the numeral that tells how many. **4–5)** Have students count the birds in each picture and circle the numeral that tells how many.

Extra Practice: How Many?



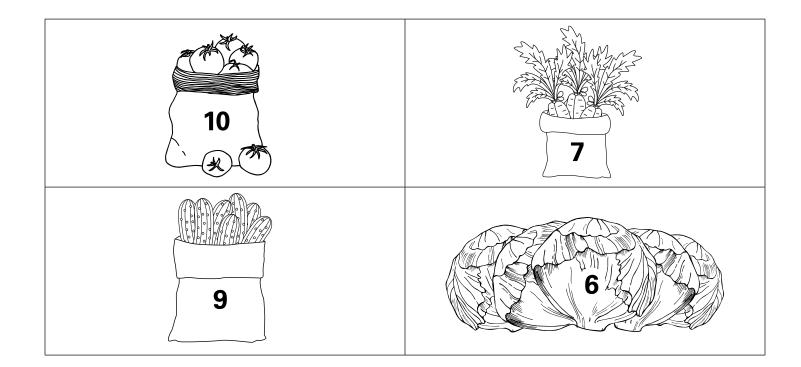
Directions: Top) Have students write the numeral that tells how many. **Bottom)** Have students circle the numeral that tells how many.

Spaghetti!



Directions: Have students read the numeral on each picture and place counters on the 10-frame to show how many.

Salad!



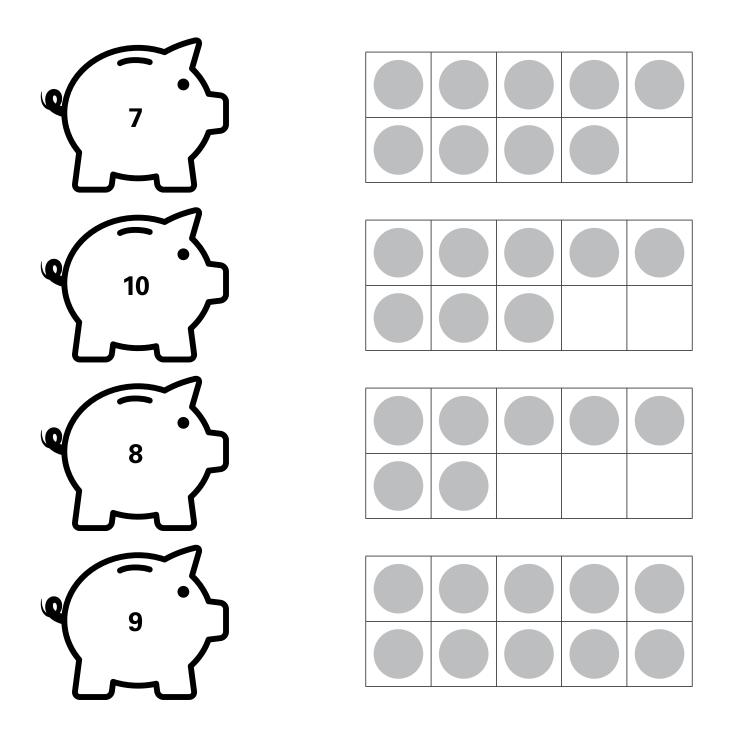
Directions: Have students read the numeral on each picture and place counters on the 10-frame to show how many.

Lesson 17 Exit Ticket



Directions: Have students read each numeral and place counters on the 10-frame to show how many.

Extra Practice: Benny's Piggy Bank

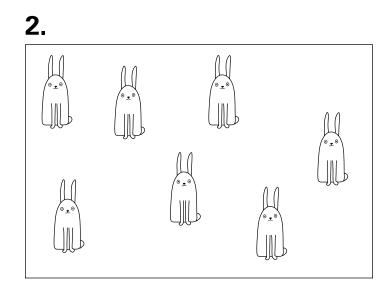


Directions: Have students use counters and a 10-frame to show the numeral on the piggy bank. Then ask students to find the 10-frame that models the number and draw a line to match it to the correct piggy bank.

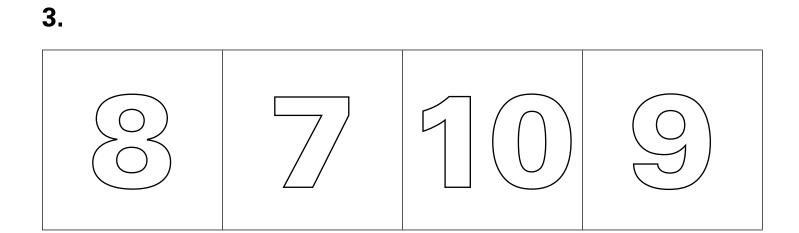
Assessment

Unit 2 Assessment

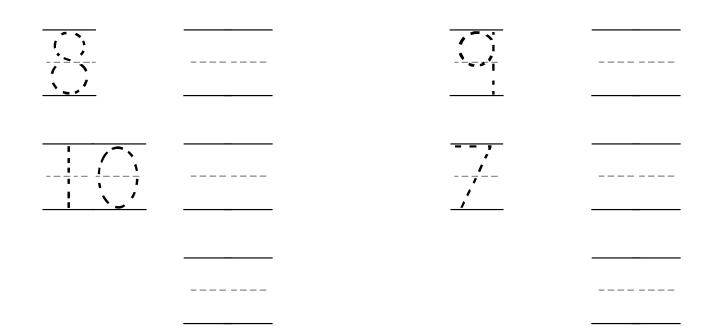
1.

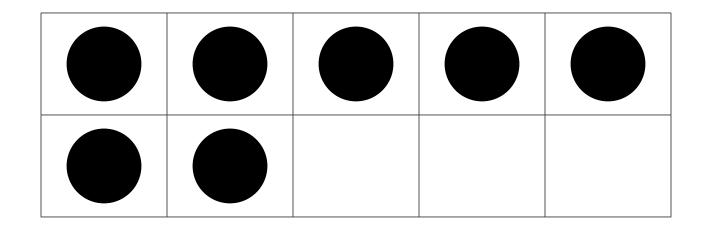






4.



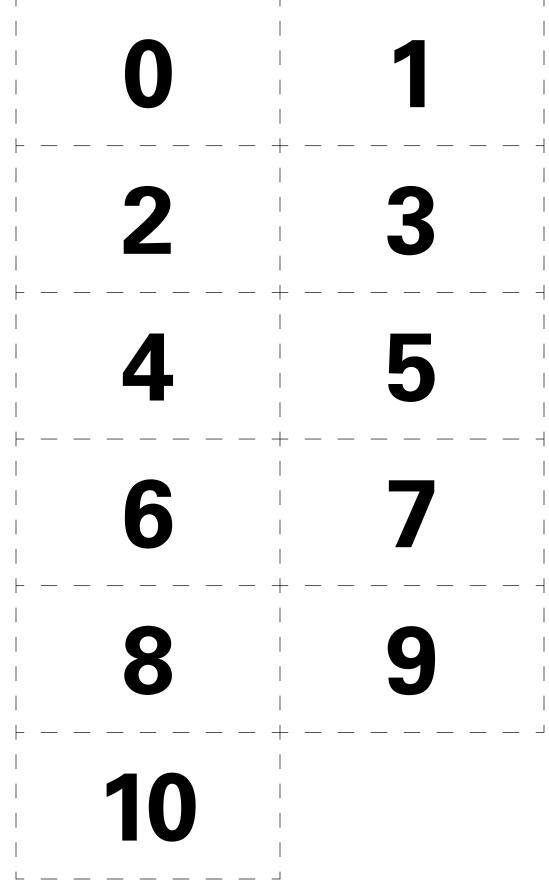


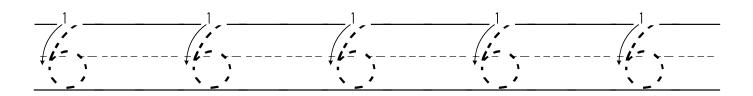
6 7 8 9 10

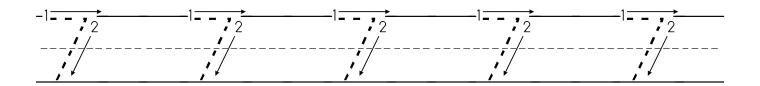
5.

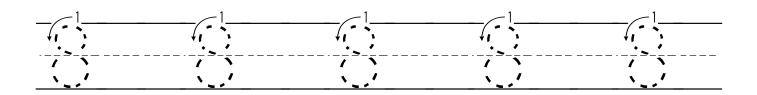
©2021

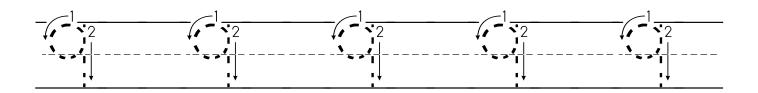
Number Cards

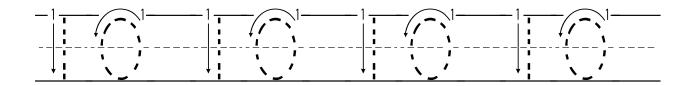








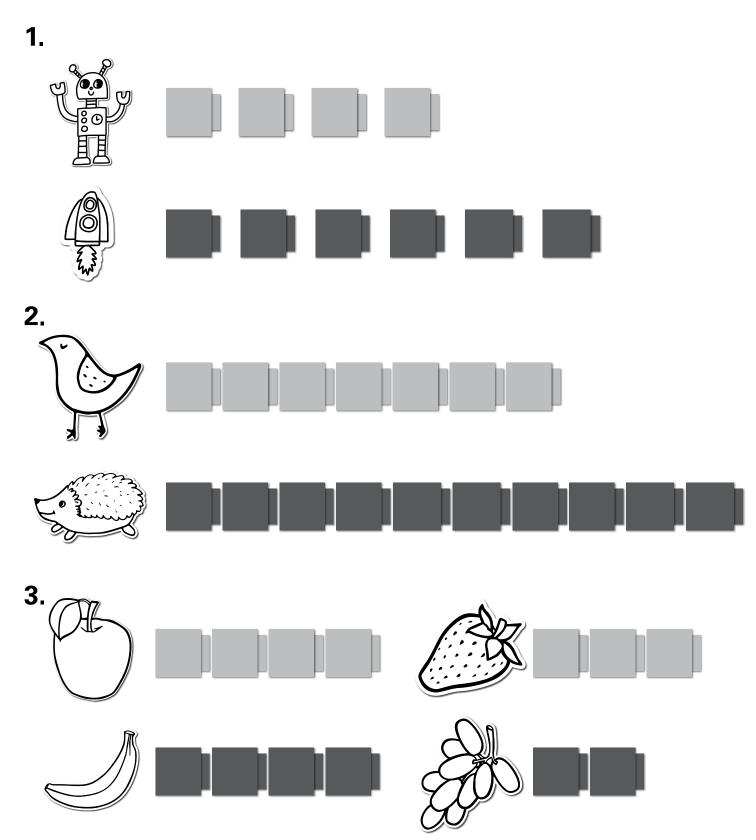




Unit 3: Compare Numbers to 10

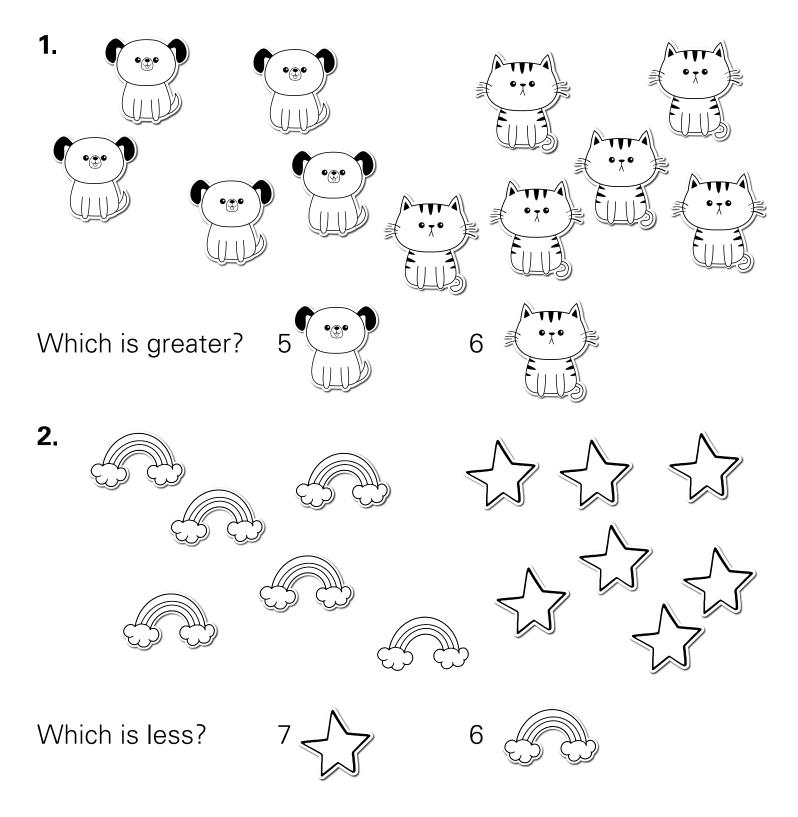
Catapult Learning[™]

Sticker Collections



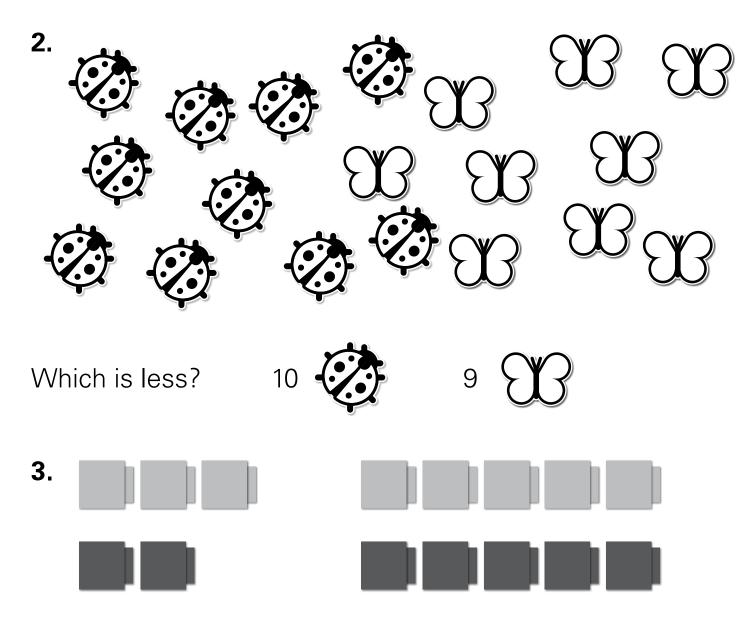
Directions: Have students use cubes to build and compare each group of cubes. 1) Have students circle the group with the greater number of cubes. 2) Have students cross out the group with less.3) Have students circle the two groups that have an equal number of cubes.

Comparing Stickers

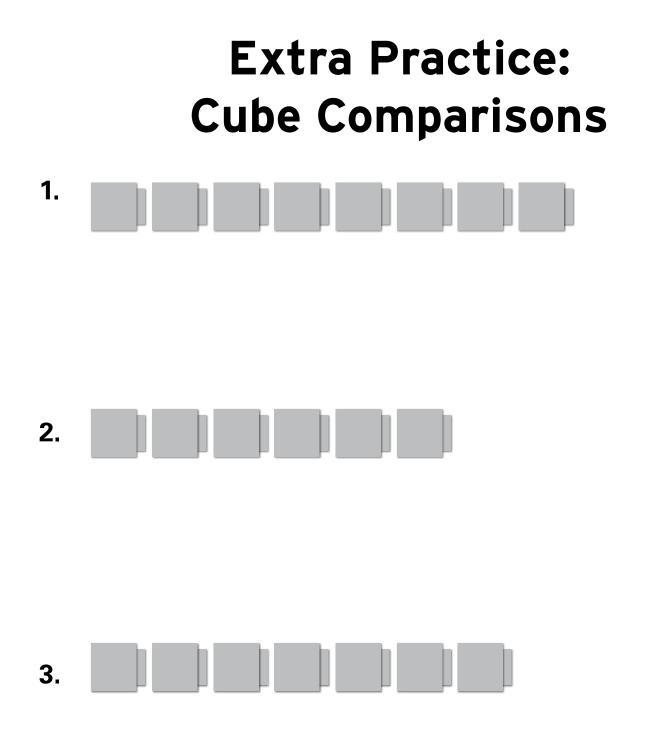


Directions: 1) Have students draw lines to compare the puppy and kitten stickers. Have them circle which is greater. **2)** Have students draw lines to compare the rainbow and star stickers. Have them cross out which is less.

Lesson 19 Exit Ticket



Directions: 1) Have students use cubes to build and compare each group. Then have students circle the group with the greater number of cubes. **2)** Have students draw lines to compare the ladybug and butterfly stickers. Have them cross out which is less. **3)** Have students circle the two groups that have an equal number of cubes.

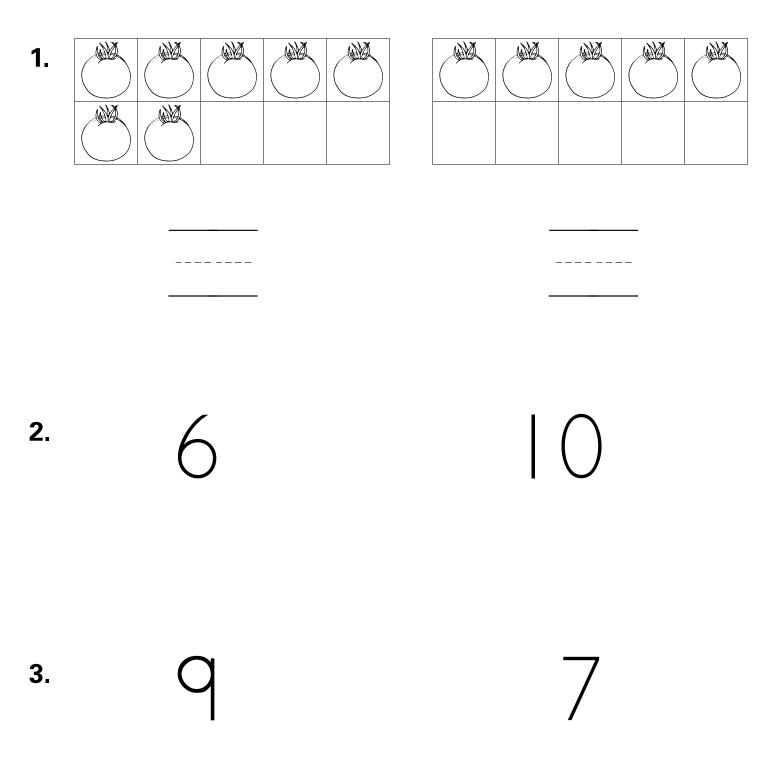


Directions: 1) Have students draw a group of cubes that is less than the group shown. **2)** Have students draw a group of cubes that is greater than the group shown. **3)** Have students draw a group of cubes that is equal to the group shown.

Cat and Dog Stickers

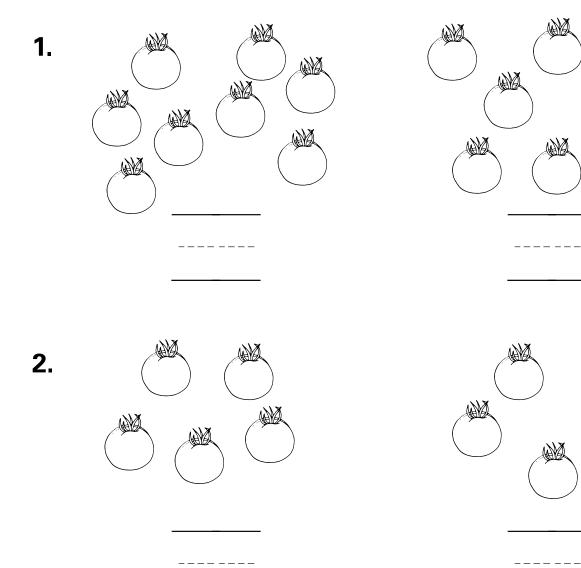


The Great Tomato Contest



Directions: 1) Have students write the numbers represented by the tomatoes, circle the 10-frame that is greater, and cross out the 10-frame that is less. **2–3)** Have students use counters to show each number in a 10-frame, circle the number that is greater, and cross out the number that is less.

Tomatoes, Tomatoes



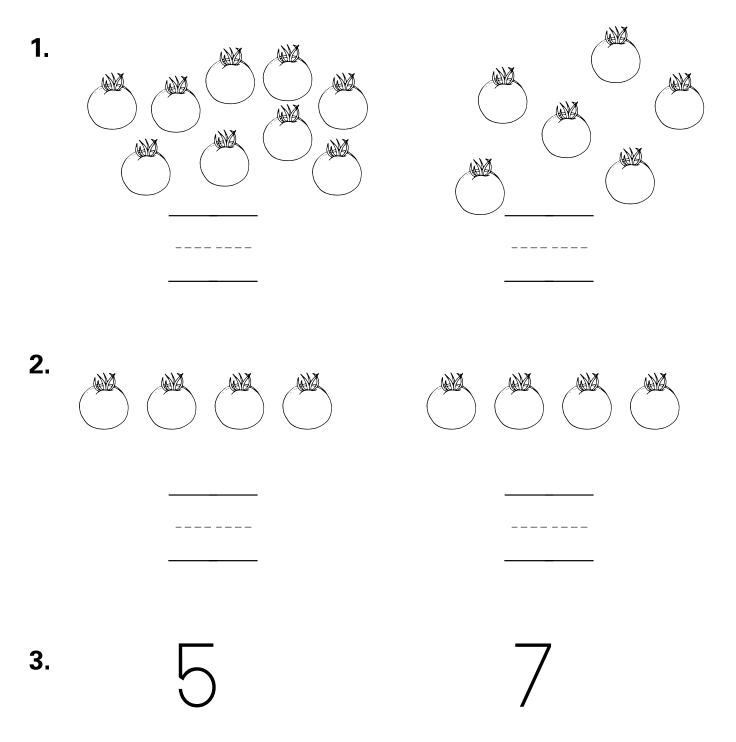
Directions: 1–2) Have students write the numbers represented by the tomatoes, circle the number that is greater, cross out the number that is less, and draw a line under both numbers if they are equal. 3) Have students use counters to show each number on a 10-frame. Then have them circle the number that is greater and cross out the number that is less.

3.

HAVA

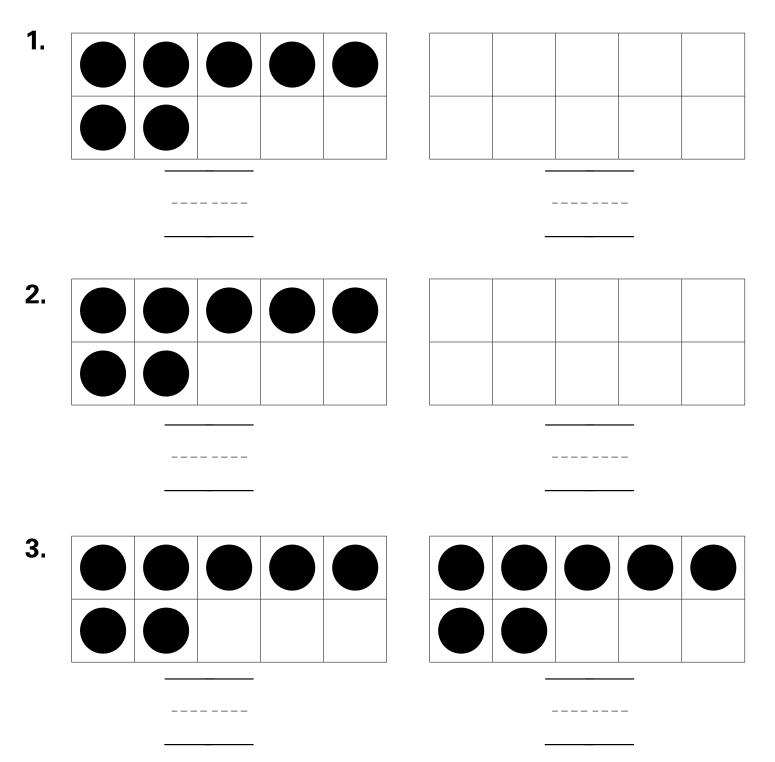
HAYS

Lesson 20 Exit Ticket



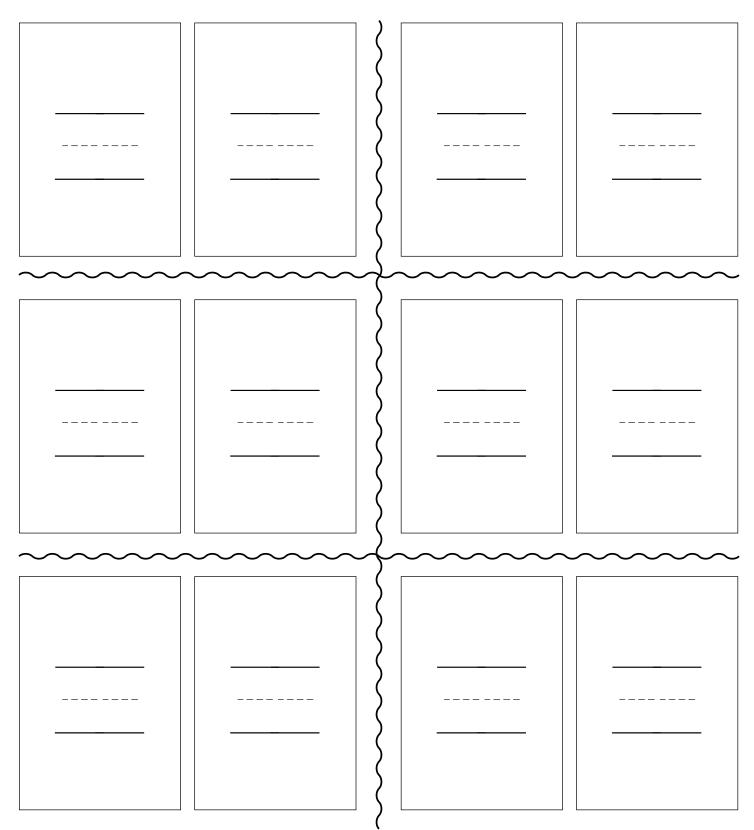
Directions: 1–2) Have students count each group of tomatoes and write how many. Have them circle the number that is greater, cross out the number that is less, or underline both numbers if they are equal. **3)** Have students use counters to show each number in a 10-frame. Then have them circle the number that is greater and cross out the number that is less.

Extra Practice: Scout and Button's Treats



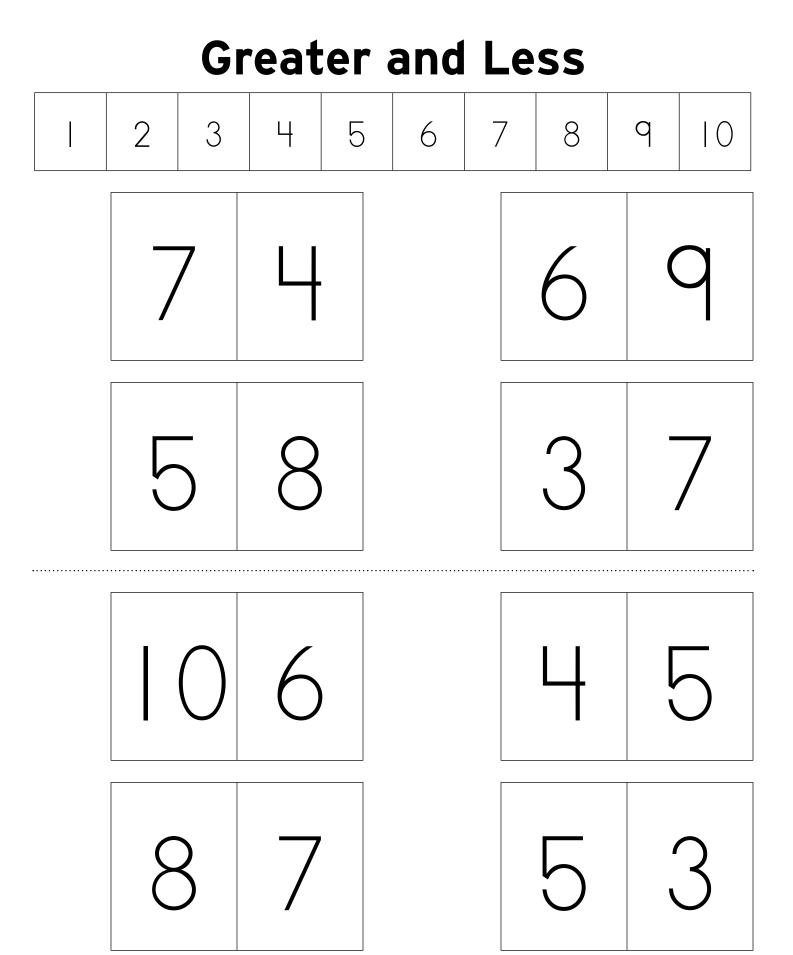
Directions: 1) Count and tell how many are in the 10-frame. Draw to show a greater number. Tell how many. **2)** Count and tell how many are in the 10-frame. Draw to show less. Tell how many. **3)** Count and tell how many are in the 10-frame. Draw a group that is equal. Tell how many.

The Game of More



Directions: For each round of the More routine, have students write the numbers of the two cards and circle the greater number.

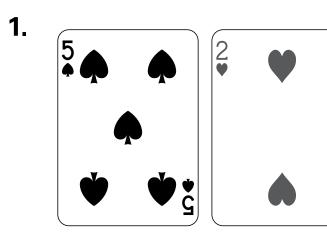
Catapult Learning[™]

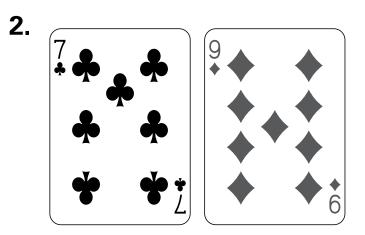


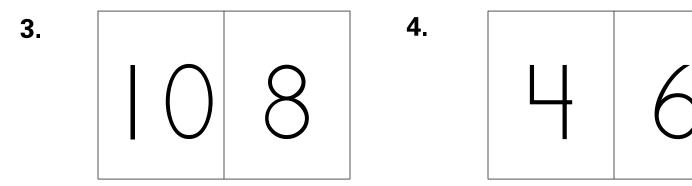
Directions: Have students compare the numbers. **Top)** Students circle the number that is greater. **Bottom)** Students cross out the number that is less.

©2021

Lesson 21 Exit Ticket



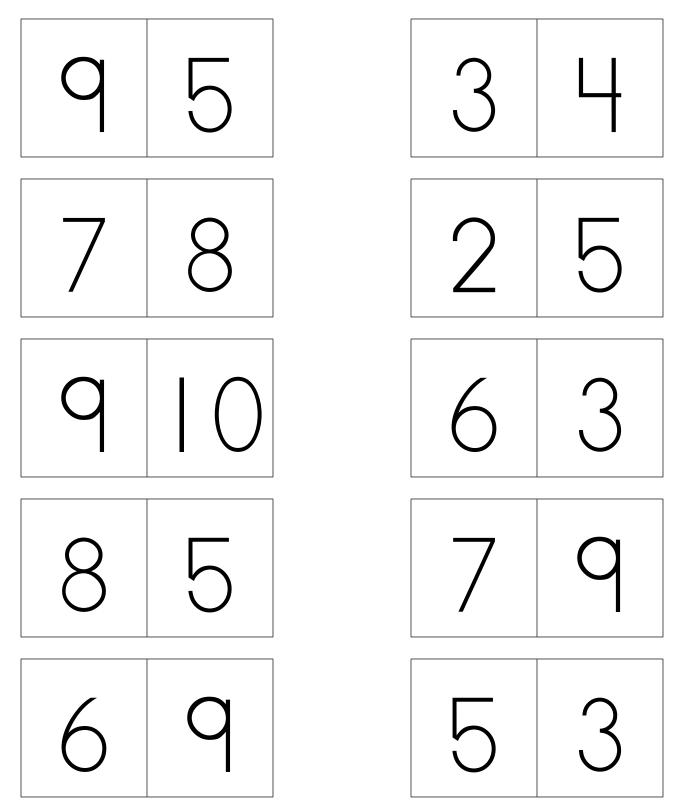




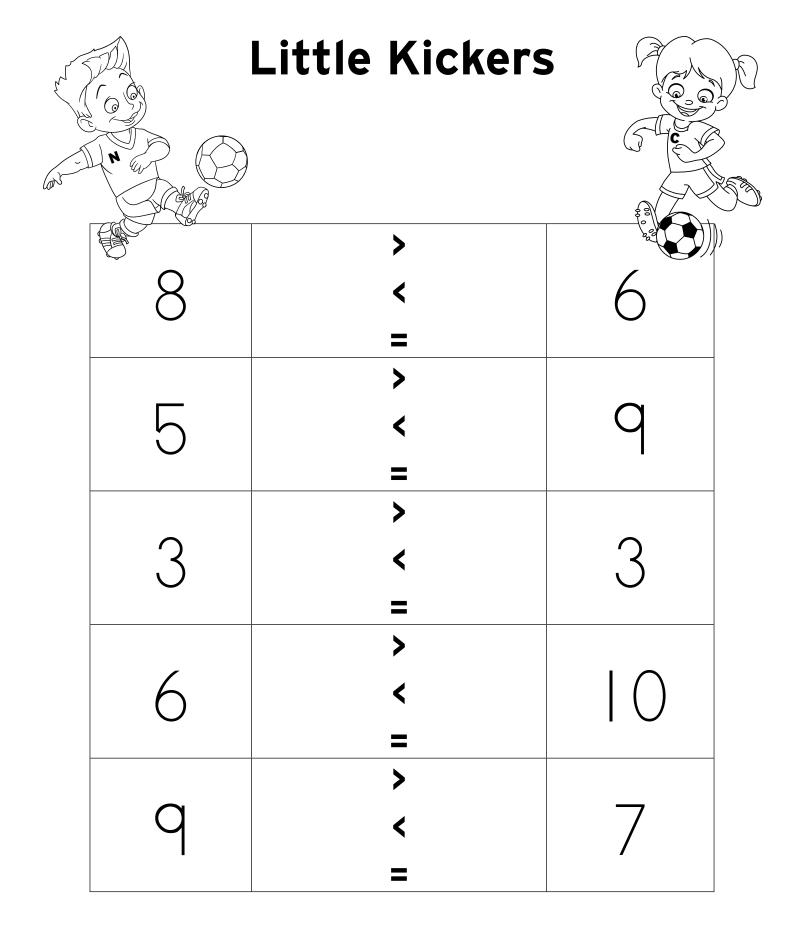
€

Directions: Have students circle the card or number with the greater value and cross out the card or number with the value that is less.

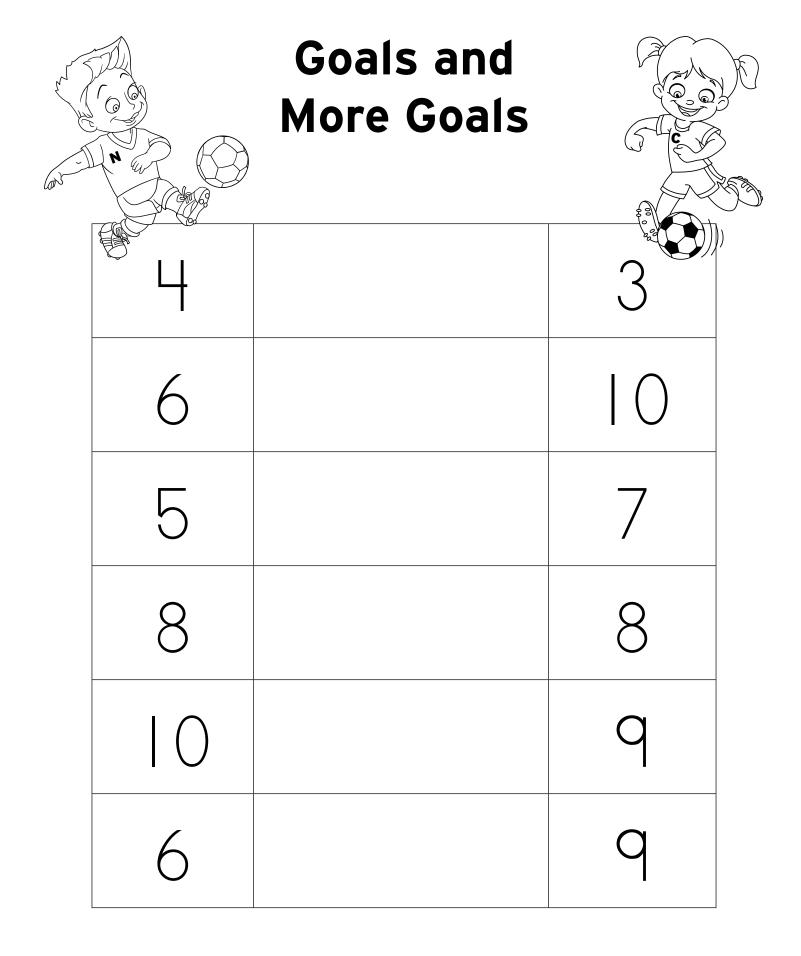
Extra Practice: Number Comparisons



Directions: Look at each pair of numbers. Circle the greater number. Cross out the number that is less.

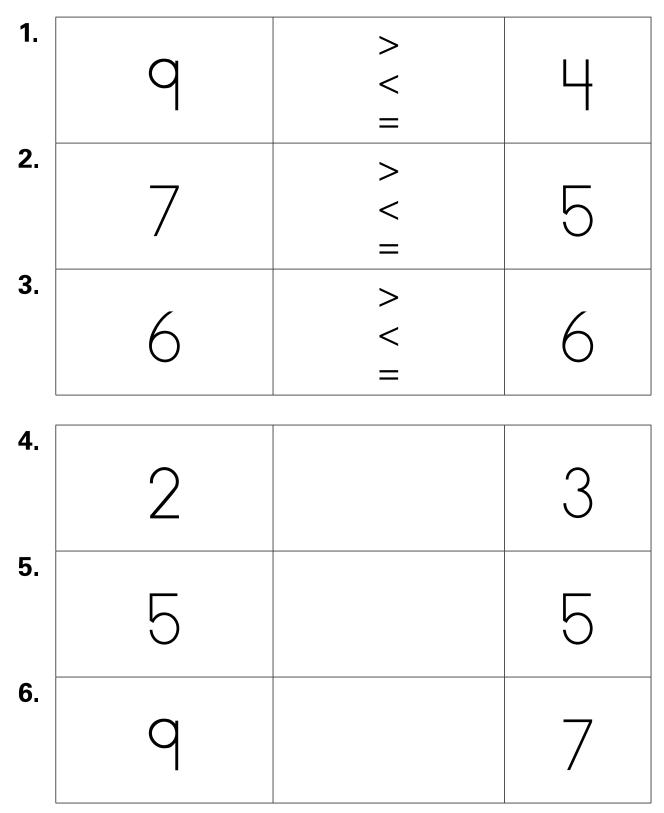


Directions: Have students compare the numbers in each row and circle the symbol that shows if the first number is greater than, less than, or equal to the second number.



Directions: Have students compare the numbers in each row and write the symbol that shows if the first number is greater than, less than, or equal to the second number.

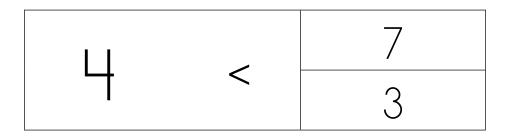
Lesson 22 Exit Ticket



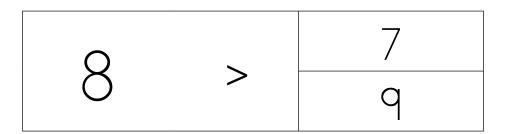
Directions: 1–3) Have students circle the symbol that shows if the first number is greater than, less than, or equal to the second number. Have students read a comparison aloud. **4–6)** Have students write the symbol that shows if the first number is greater than, less than, or equal to the second number. Have students read a comparison aloud.

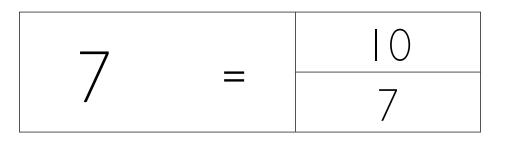
Extra Practice: Pick a Number





Ο		7
Ч	<	10

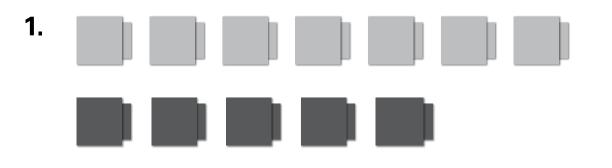


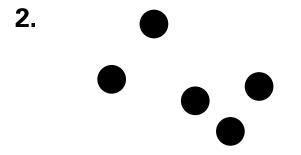


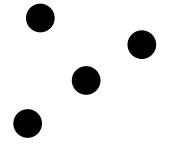
Directions: Have students circle the number to make the comparison correct.

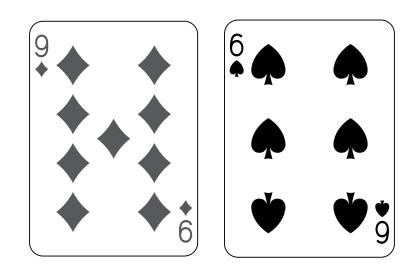
Assessment

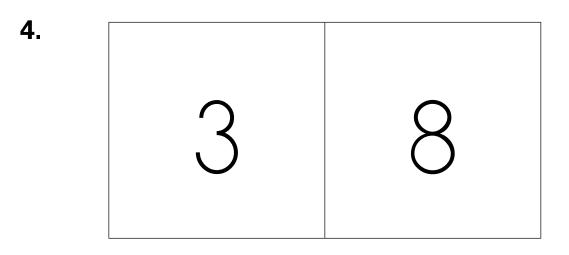
Unit 3 Assessment











3.