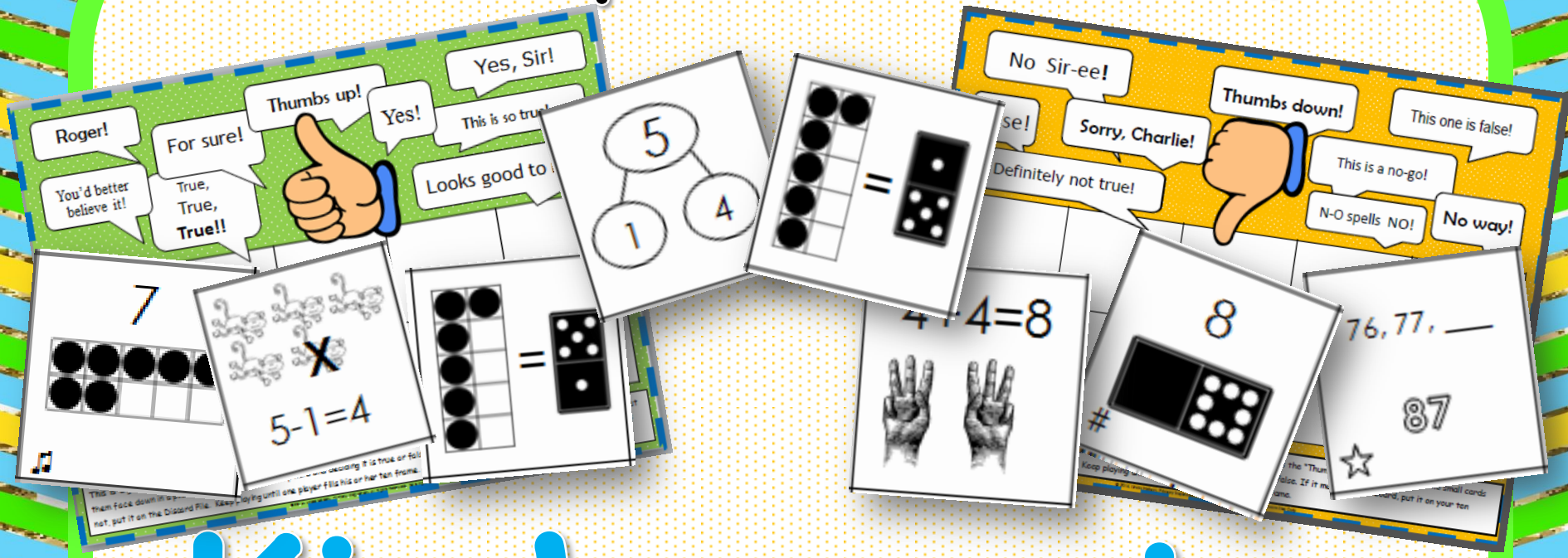
Thumbs Up or Thumbs Down?



Kindergarten Math Games

Linda Nelson

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Help your students recognize the facts **by sorting out the impostors!**

Your students will use this set of **ten math games** to evaluate numerical expressions, equations, and pictures and determine whether each one is true ("Thumbs Up!") or false ("Thumbs Down!"). All of the games support **Kindergarten Common Core Standards**. The appropriate standard is listed on each card set. Each game includes 24 cards.

Options for use: Play as a **partner game** with the Thumbs Up, Thumbs Down cards on pages 4 and 5. For each game, print the small cards on cardstock and cut apart. (Hint: Print each game on a different color to keep them separated easily!) Play as a **whole class response activity** using page 6. Print one for each student on cardstock, fold in half, and staple or tape closed along edge. Show cards with your document camera, Students put the folded hand cards over their hands (like a hand puppet), lifting and turning it to signal thumbs up or thumbs down. To keep it even more simple, students can just use their own hands to signal! **Use as an independent activity** with the sorting mat on page 7. Makes a great math center, using the included student response page!

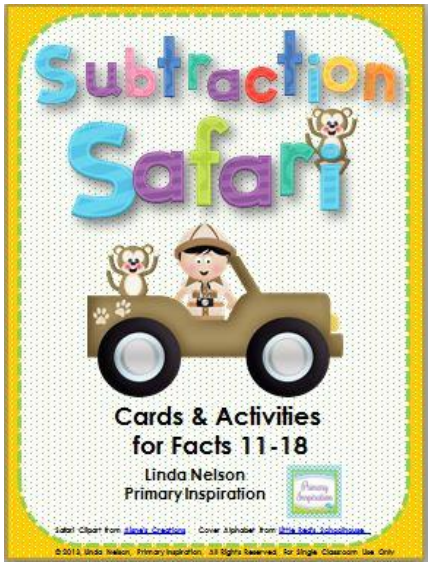
Answer Keys are provided for all of the games.

Page	Skill/Standard
8-9	**Sequence of Numbers 1-100:** K.CC.A.1, K.CC.A.2.
10-11	**Match Numeral to Domino:** K.CC.B.5
12-13	**Match Numeral to Ten Frame:** K.CC.B.5
14-15	**Represent Addition with Fingers:** K.OA.A.1
16-17	**Match Ten Frame to Domino:** K.CC.B.5

Page	Skill/Standard
18-19	**Number Bonds 0-5:** K.OA.A.5
20-21	**Represent Subtraction with Objects,** K.OA.A.1
22-23	**Represent Addition & Subtraction with Objects,** K.OA.A.1
24-25	**Model Addition with Dice Dots and Match to an Equation:** K.OA.A.1
26-27	**Match Ten Frames to Numerals, 11-20,** K.CC.A.3

Thank You to the following graphic artists: Thumbs Up/ Thumbs Down and Cupcakes by Krista Wallden at Creative Clips, cover background by Glitter Meets Glue, cover font by Stephany Dillon, dice and dominoes by First Grade Brain, ten frames from Graphics From the Pond, pups and kitties by Kari Bolt, zoo animals by KPM Doodles, pennies by The 3am Teacher.

Thanks for purchasing this resource! You may also like…



Linda

Primary Inspiration

Roger!

For sure!

Thumbs up!

Yes, Sir!

You'd better believe it!

True,
True,
True!!

Yes!

This is so true!

Looks good to me!

This is a game for 2 players. One player has a "Thumbs Up" board and the other has a "Thumbs Down" board. Shuffle the small cards and put them face down in a pile. Take turns reading the top card and deciding it is true or false. If it matches your board, put it on your ten frame. If not, put it on the Discard Pile. Keep playing until one player fills his or her ten frame.

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No Sir-ee!

Thumbs down!

This one is false!

False!

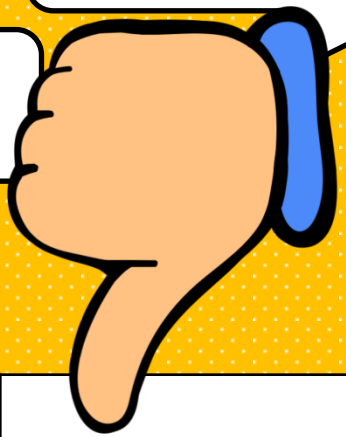
Sorry, Charlie!

This is a no-go!

Definitely not true!

N-O spells NO!

No way!



This is a game for 2 players. One player takes the "Thumbs Up" board and the other takes the "Thumbs Down" board. Shuffle the small cards and put them face down in a pile. Take turns reading the top card and deciding it is true or false. If it matches your board, put it on your ten frame. If not, put it on the Discard Pile. Keep playing until one player fills his or her ten frame.

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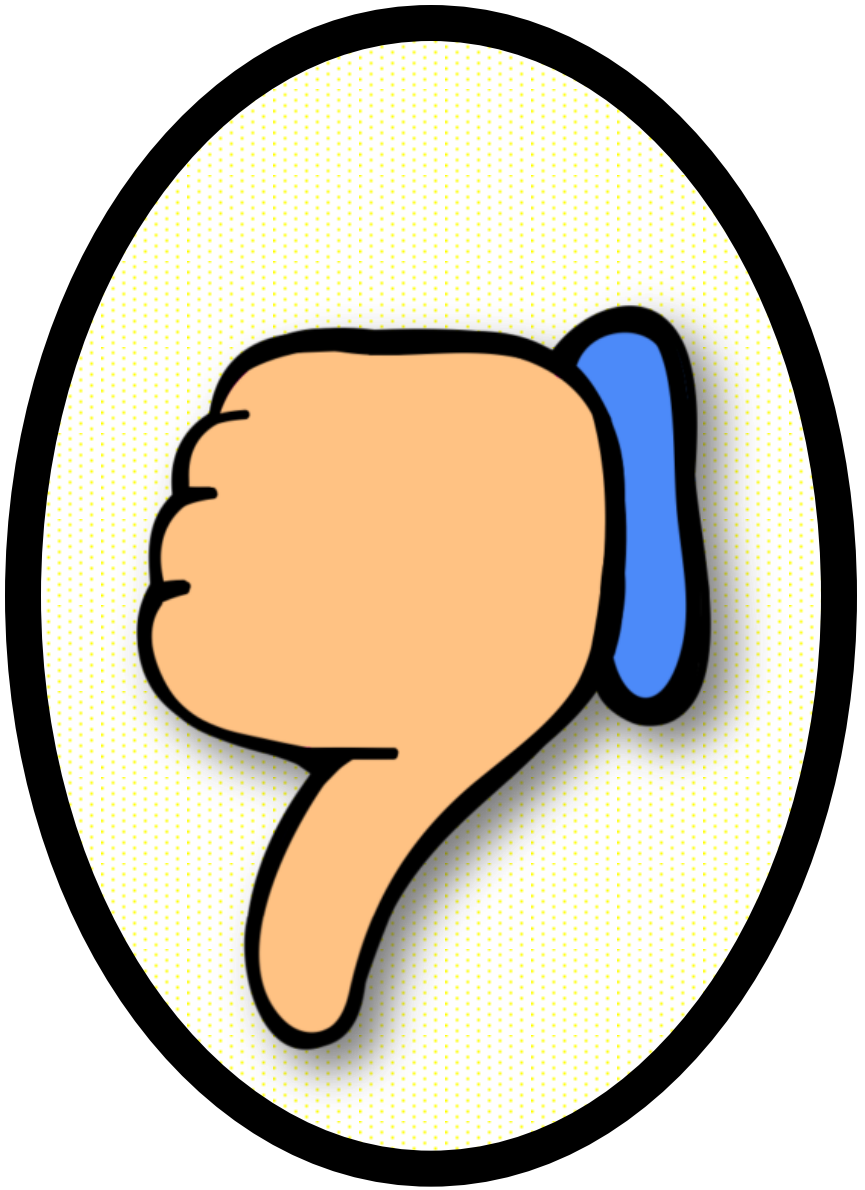
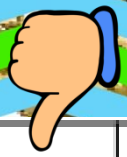


Yes!



No!

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Sequence of Numbers 1-120: K.CC.A.1, K.CC.A.2.: Count to 100 by ones and tens; Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

2, 3, ___ 4	20, 21, ___ 22	32, 33, ___ 34	76, 77, ___ 87	38, 39, ___ 3010	67, 68, ___ 70
39, 40, ___ 41	16, 17, ___ 18	48, 49, ___ 50	81, 82, ___ 38	65, 66, ___ 68	48, 49, ___ 60
28, 29, ___ 30	18, 19, ___ 20	62, 63, ___ 64	98, 99, ___ 101	79, 80, ___ 90	73, 74, ___ 84
98, 99, ___ 100	57, 58, ___ 59	17, 18, ___ 19	72, 73, ___ 75	88, 89, ___ 99	49, 50, ___ 52

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Answer Key: Sequence of Numbers 1-120: K.CC.A.1, K.CC.A.2: Count to 100 by ones and tens; Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

True – Thumbs Up! **False – Thumbs Down!**

2, 3, ___ 4 ☆	20, 21, ___ 22 ☆	32, 33, ___ 34 ☆	76, 77, ___ 87 ☆	38, 39, ___ 3010 ☆	67, 68, ___ 70 ☆
39, 40, ___ 41 ☆	16, 17, ___ 18 ☆	48, 49, ___ 50 ☆	81, 82 38 ☆	65, 66, ___ 68 ☆	48, 49, ___ 60 ☆
28, 29, ___ 30 ☆	18, 19, ___ 20 ☆	62, 63, ___ 64 ☆	98, 99, ___ 101 ☆	79, 80, ___ 90 ☆	73, 74, ___ 84 ☆
98, 99, ___ 100 ☆	57, 58, ___ 59 ☆	17, 18, ___ 19 ☆	72, 73, ___ 75 ☆	88, 89, ___ 99 ☆	49, 50, ___ 52 ☆

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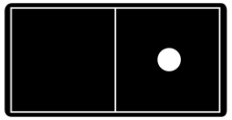
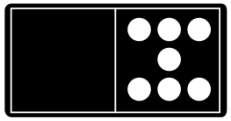
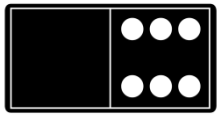
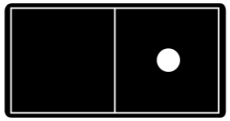
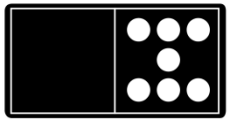
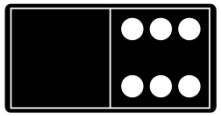
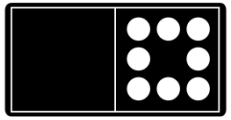
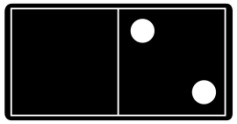
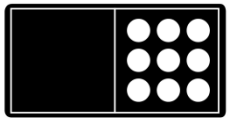
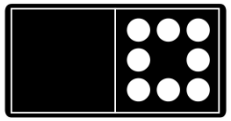
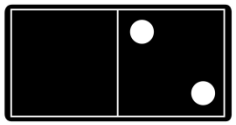
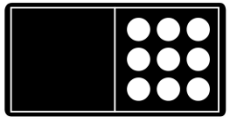
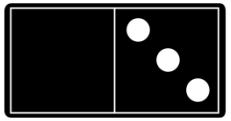
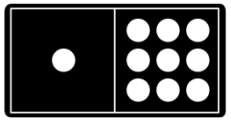
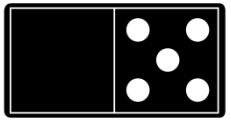
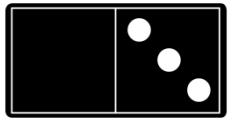
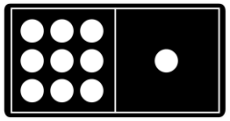
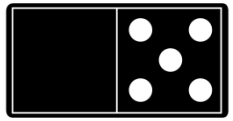
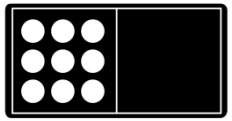
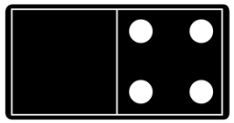
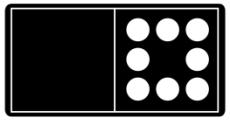
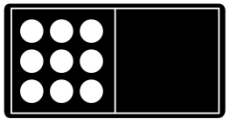
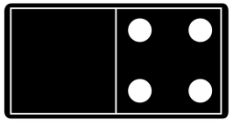
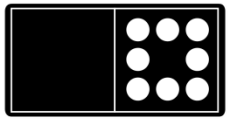
Match Numeral to Domino: K.CC.B.5: Count to tell the number of objects (1-10)

1  #	7  #	6  #	0  #	6  #	7  #
8  #	2  #	9  #	7  #	3  #	10  #
3  #	10  #	5  #	5  #	9  #	6  #
9  #	4  #	8  #	8  #	5  #	5  #

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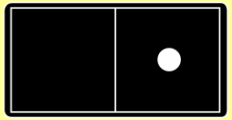
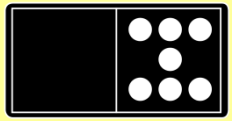
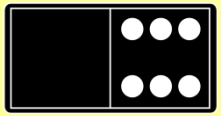
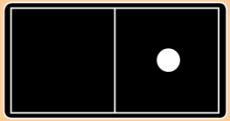
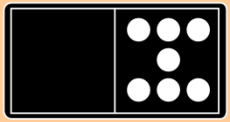
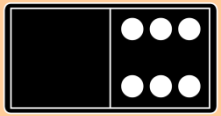
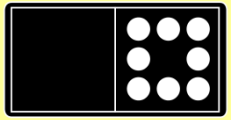
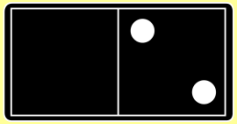
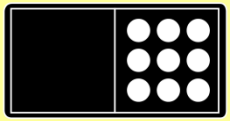
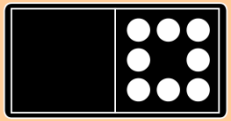
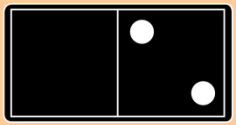
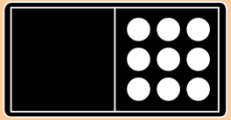
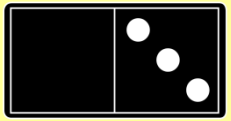
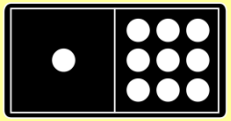
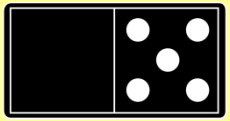
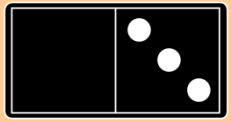
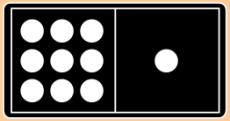
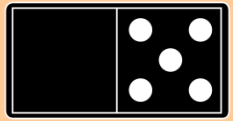
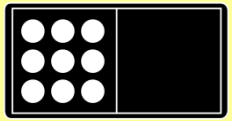
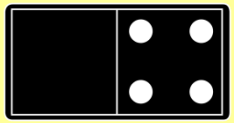
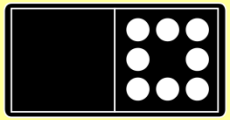
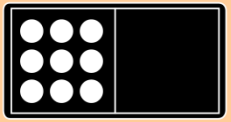
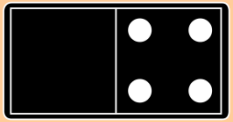
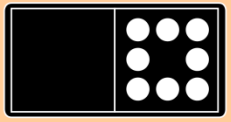
Answer Key: Match Numeral to Domino: K.CC.B.5: Count to tell the number of objects (1-10)

True – Thumbs Up!			False – Thumbs Down!		
1  #	7  #	6  #	0  #	6  #	7  #
8  #	2  #	9  #	7  #	3  #	10  #
3  #	10  #	5  #	5  #	9  #	6  #
9  #	4  #	8  #	8  #	5  #	5  #

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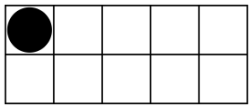
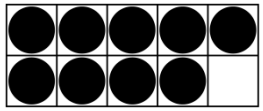
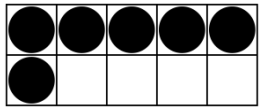
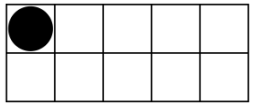
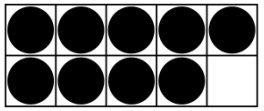
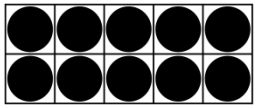
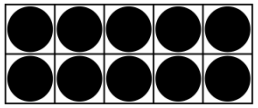
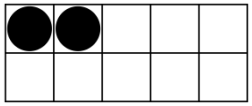
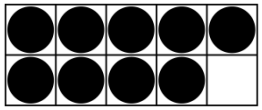
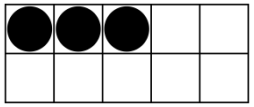
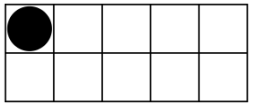
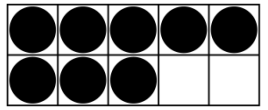
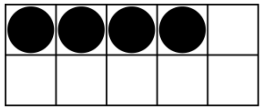
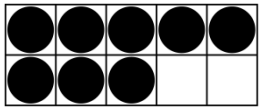
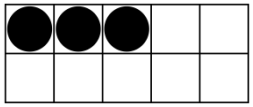
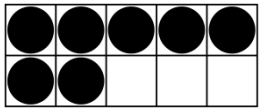
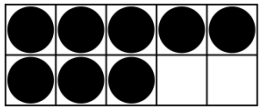
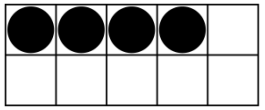
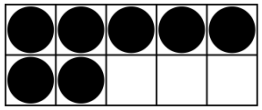
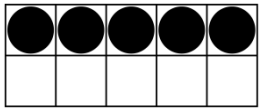
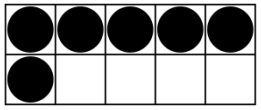
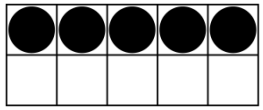
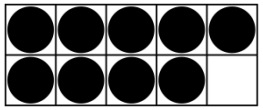
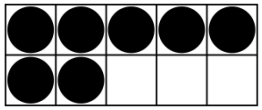
Match Numeral to Ten Frame, 1-10: K.CC.B.5: Count to tell the number of objects (1-10)

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

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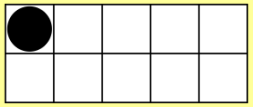
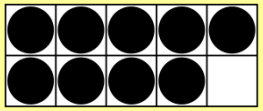
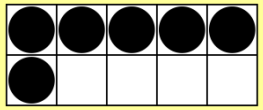
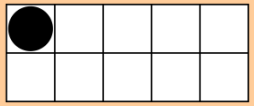
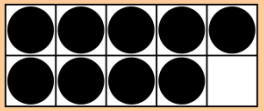
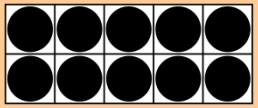
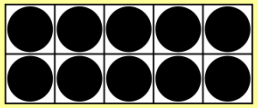
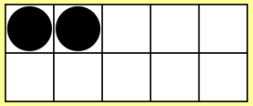
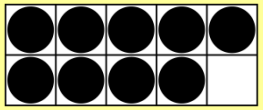
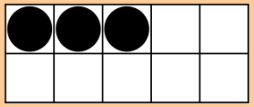
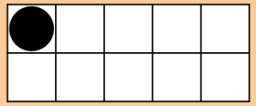
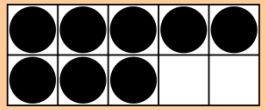
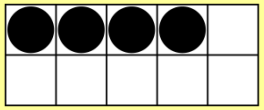
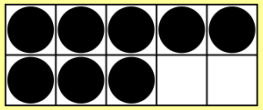
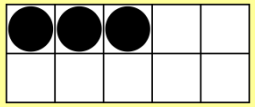
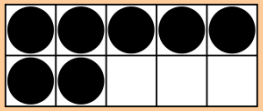
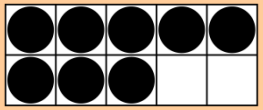
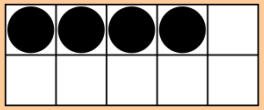
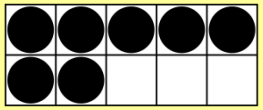
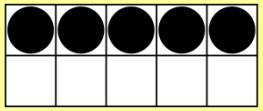
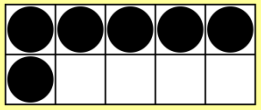
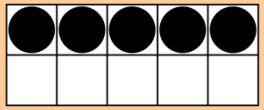
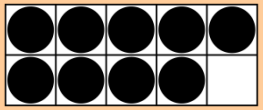
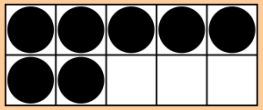
Answer Key: Match Numeral to Ten Frame, 1-10: K.CC.B.5: Count to tell the number of objects (1-10)

True – Thumbs Up!			False – Thumbs Down!		
1 	9 	6 	10 	8 	9 
10 	2 	9 	4 	2 	7 
4 	8 	3 	8 	9 	3 
7 	5 	6 	4 	10 	5 

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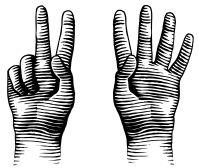
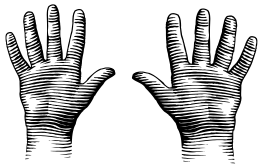
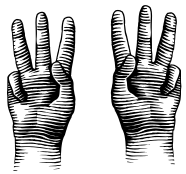
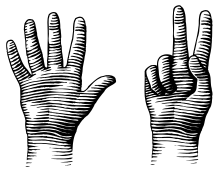
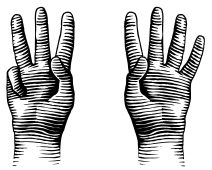
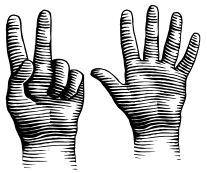
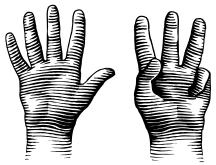
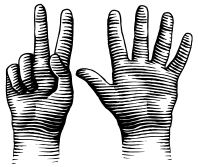
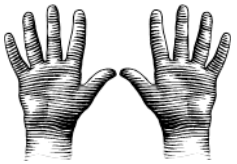
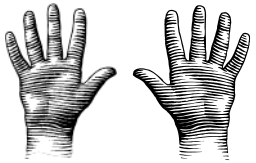
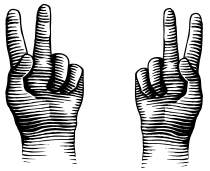
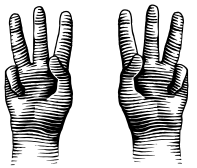
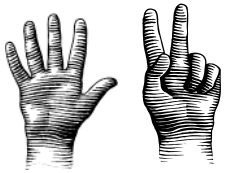
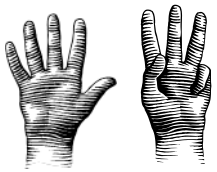
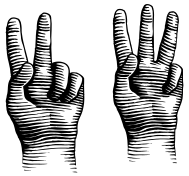
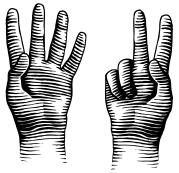
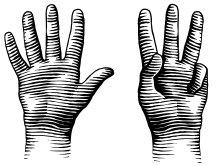
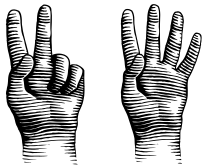
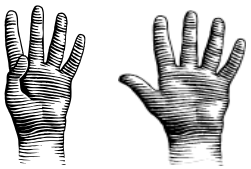
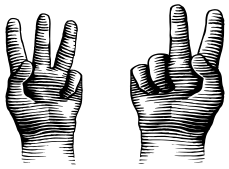
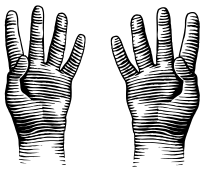
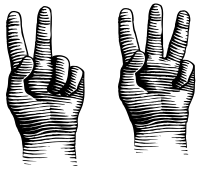
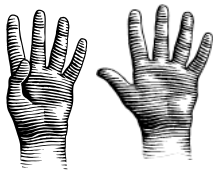
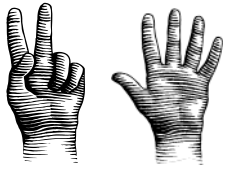
Represent Addition with Fingers, K.OA.A.1: Represent addition and subtraction with objects, fingers, mental images, drawings , sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

2+4=6 	5+5=10 	3+3=6 	4+2=6 	2+4=6 	1+5=6 
5+3=8 	2+5=7 	5+5=10 	5+4=9 	3+2=5 	4+4=8 
5+2=7 	4+3=7 	2+3=5 	4+3=7 	3+3=6 	2+5=7 
4+5=9 	3+2=5 	4+4=8 	2+2=4 	5+5=10 	2+4=6 

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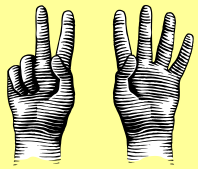
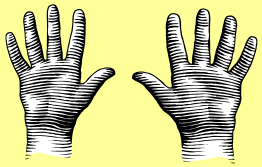
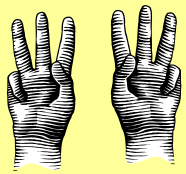
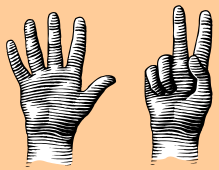
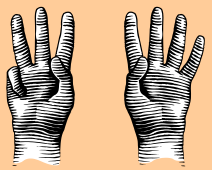
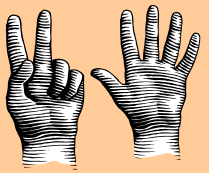
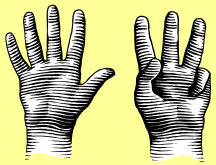
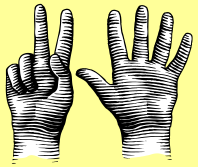
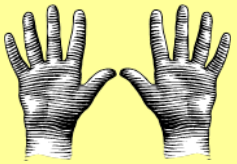
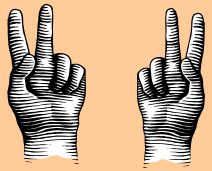
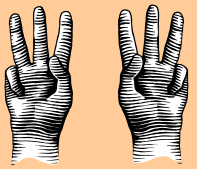
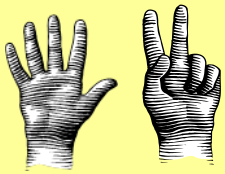
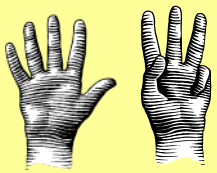
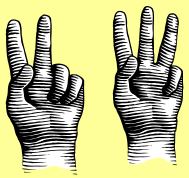
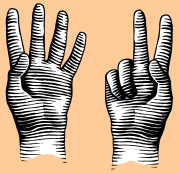
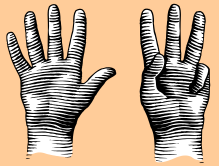
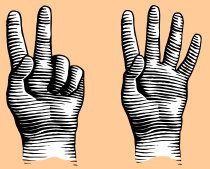
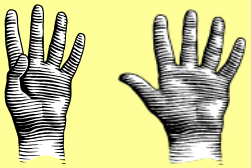
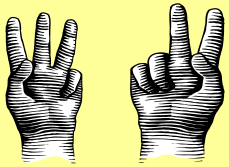
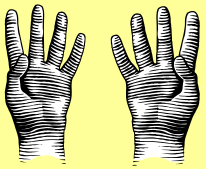
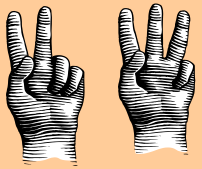
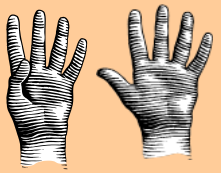
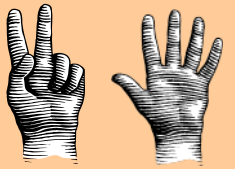
Answer Key: Represent Addition with Fingers, K.OA.A.1: Represent addition and subtraction with objects, fingers, mental images, drawings , sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

True – Thumbs Up!			False – Thumbs Down!		
2+4=6 	5+5=10 	3+3=6 	4+2=6 	2+4=6 	1+5=6 
5+3=8 	2+5=7 	5+5=10 	5+4=9	3+2=5 	4+4=8 
5+2=7 	4+3=7 	2+3=5 	4+3=7 	3+3=6 	2+5=7 
4+5=9 	3+2=5 	4+4=8 	2+2=4 	5+5=10 	2+4=6 

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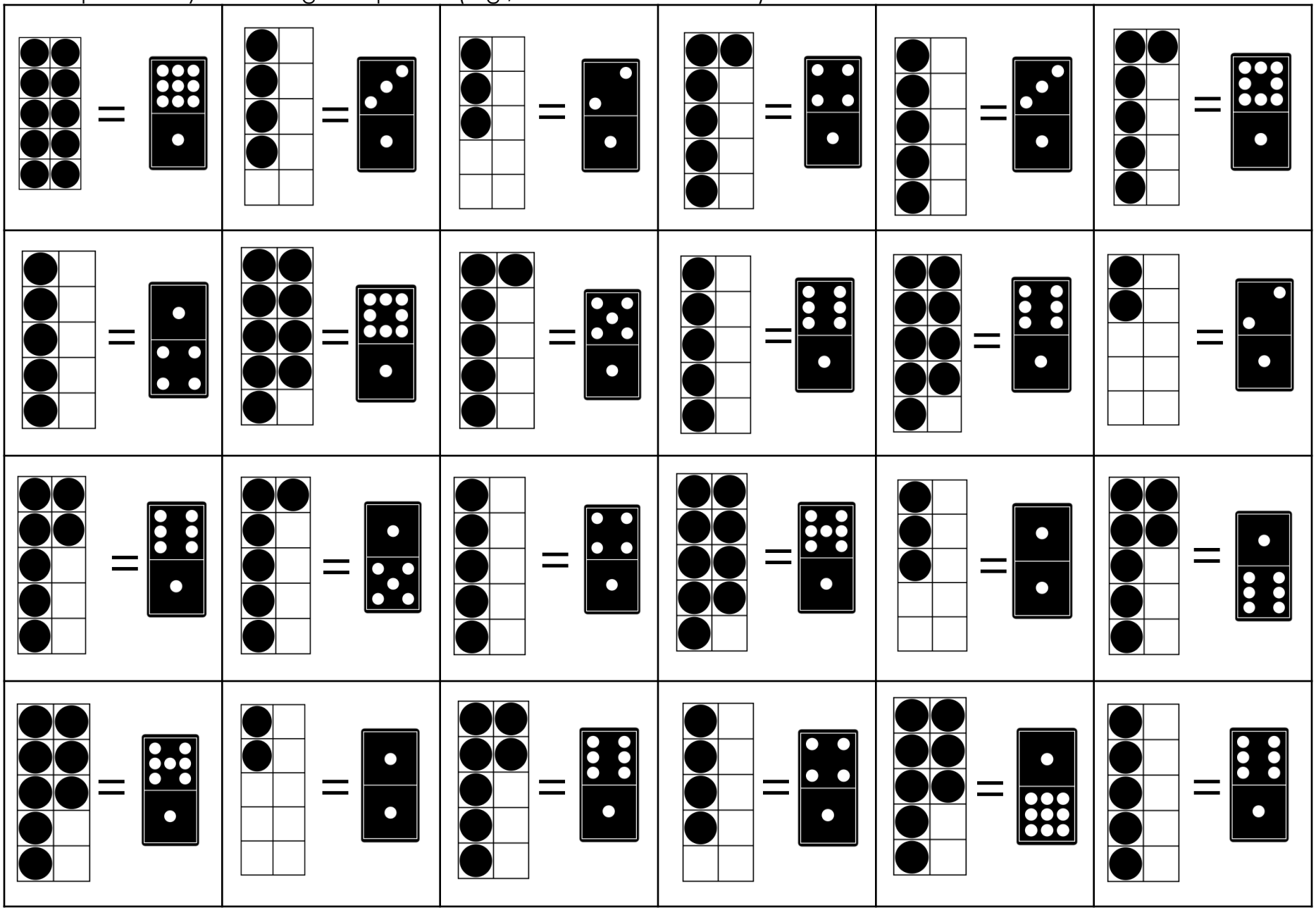
Match Ten Frame to Domino: K.CC.B.5: Count to tell the number of objects (1-10), K.OA.A.3: Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1).



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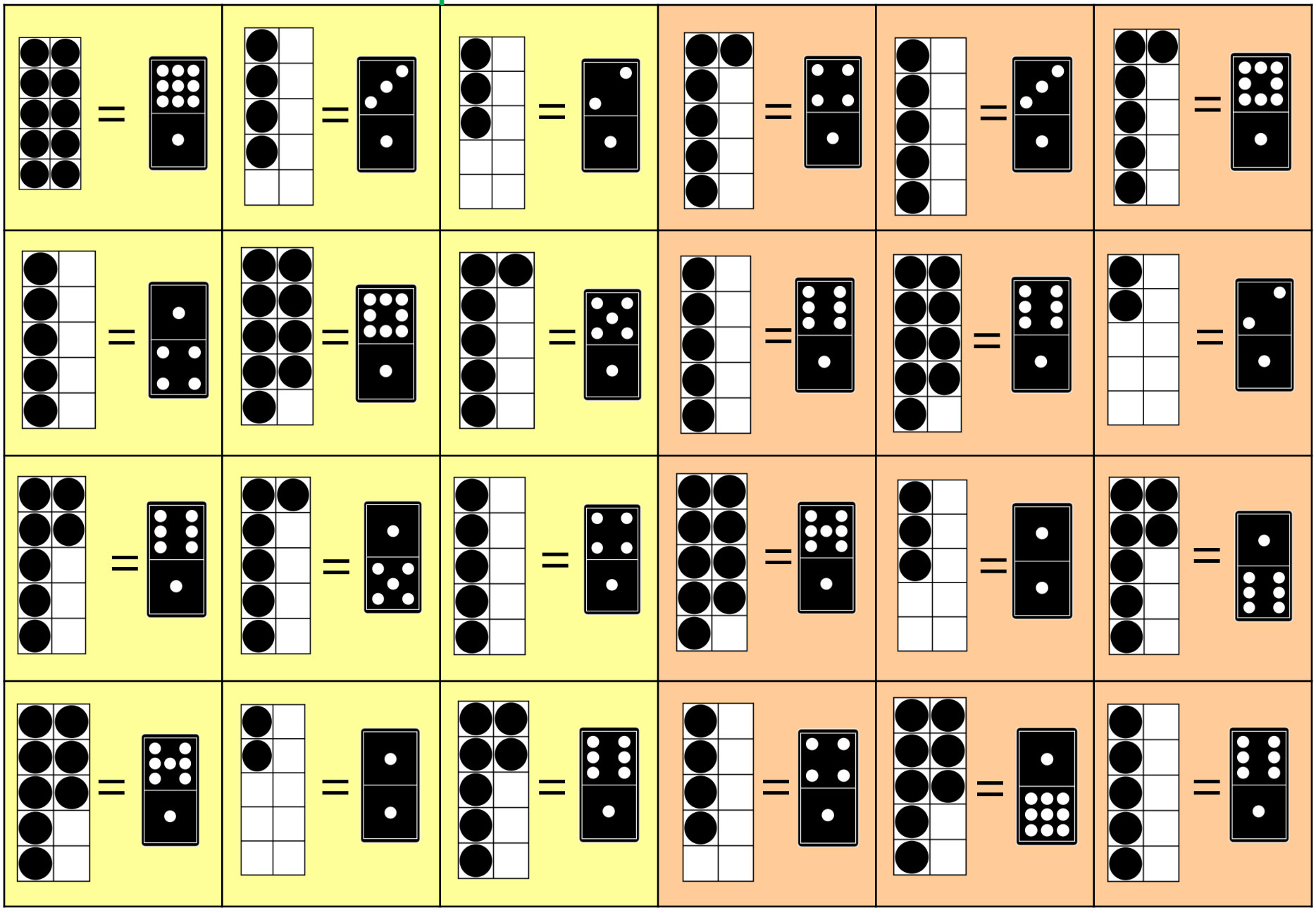
Answer Key: Match Ten Frame to Domino: K.CC.B.5: Count to tell the number of objects (1-10), K.OA.A.3: Decompose numbers less than or equal to 10 into pairs in more than one way… record each decomposition by a drawing or equation .

True – Thumbs Up!

False – Thumbs Down!



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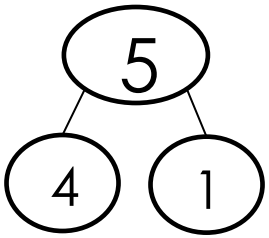
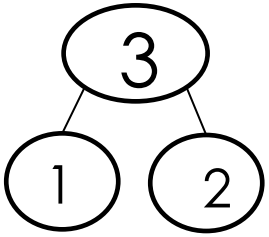
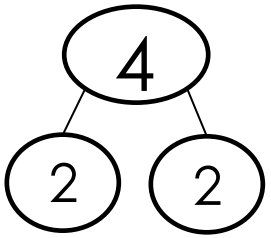
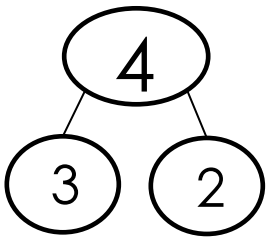
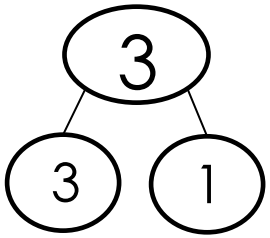
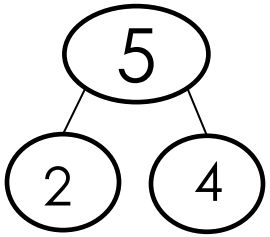
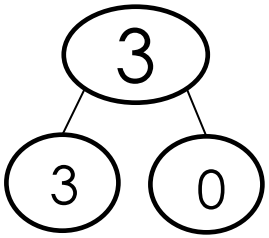
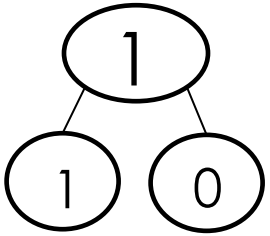
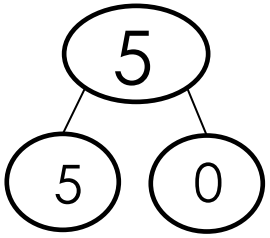
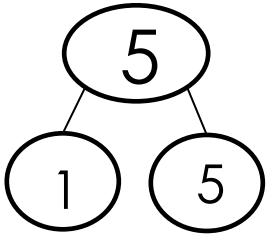
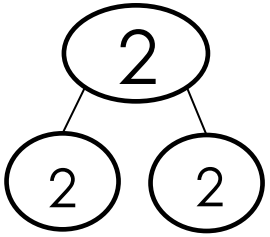
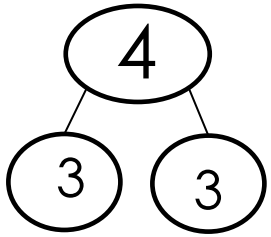
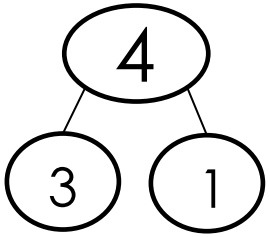
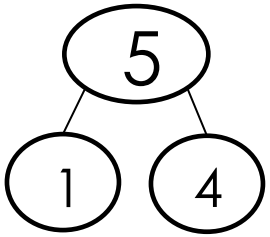
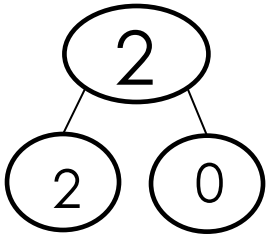
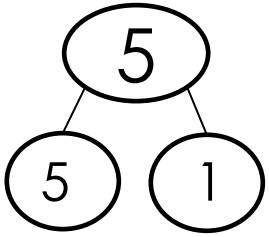
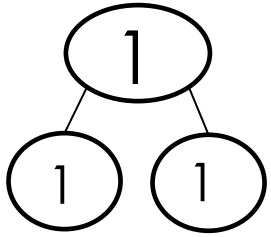
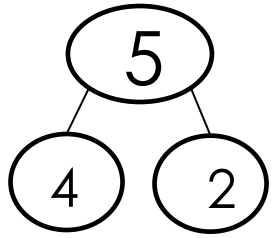
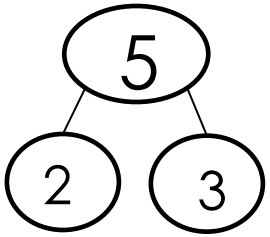
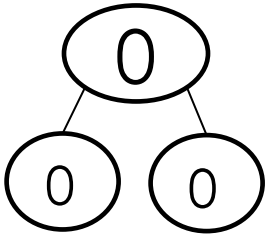
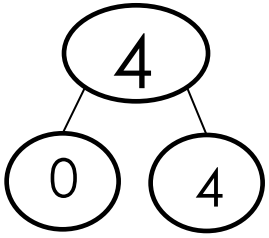
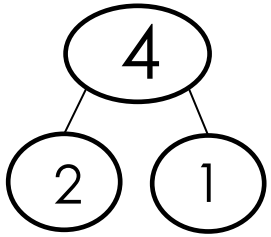
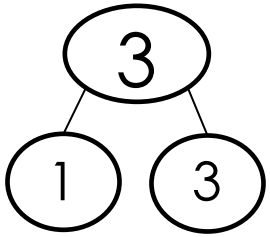
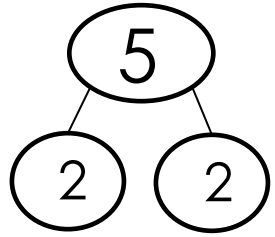
Number Bonds 0-5: K.OA.A.5, fluently add and subtract within 5.

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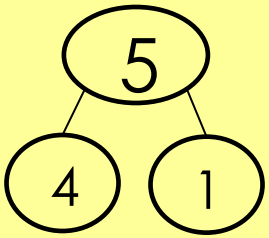
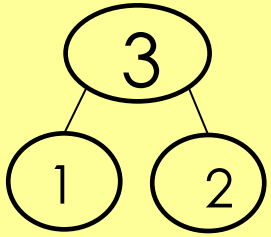
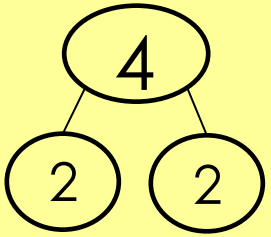
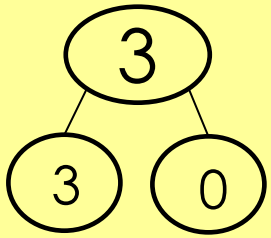
Answer Key: Number Bonds 0-5: K.OA.A.5,: Fluently add and subtract within 5.

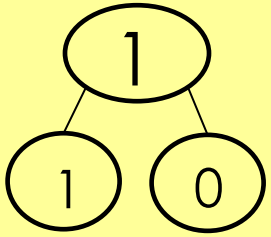
True – Thumbs Up!

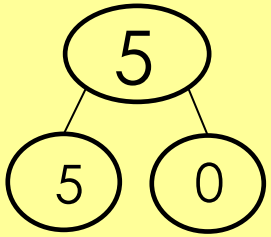


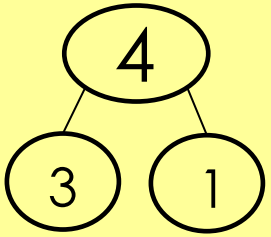


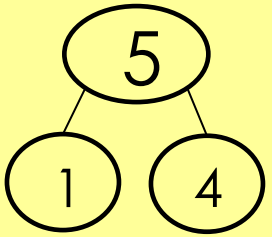


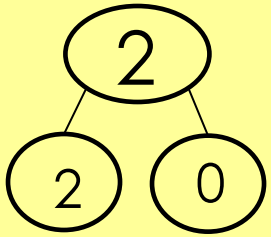


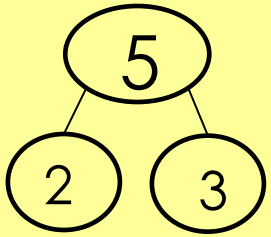


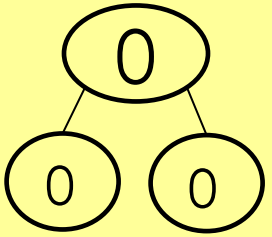


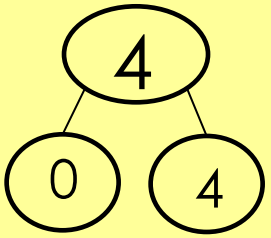




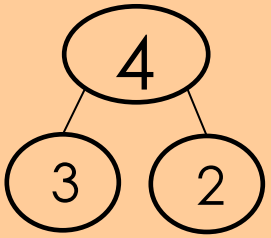


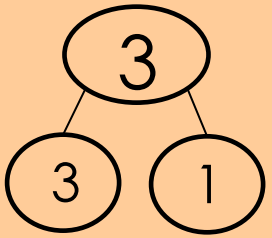


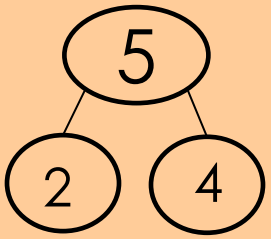


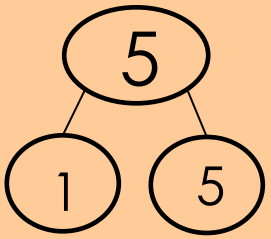


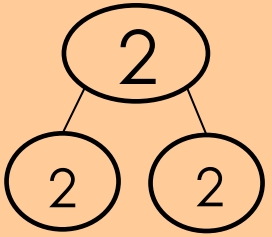
False – Thumbs Down!

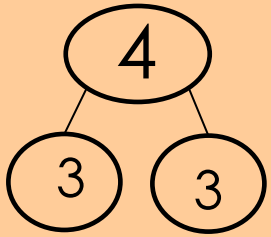


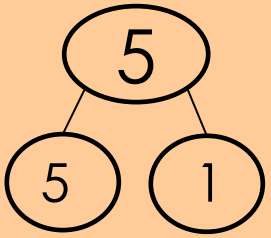


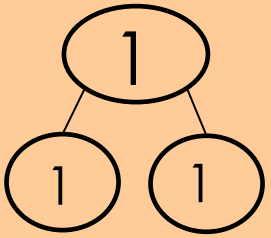


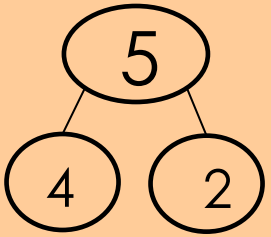


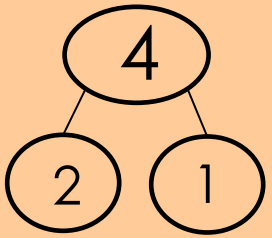


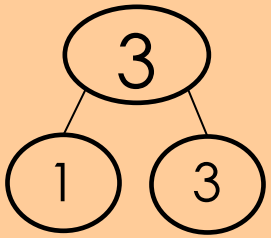


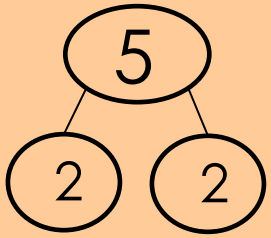












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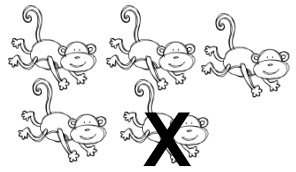
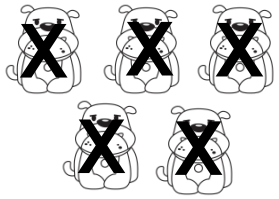
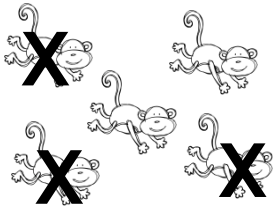
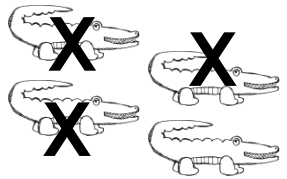
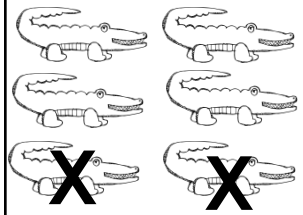
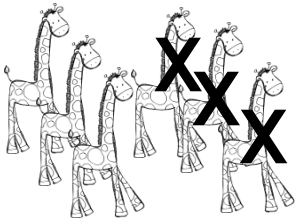
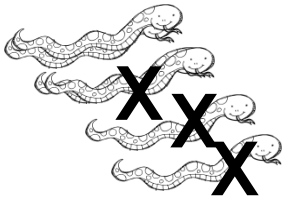
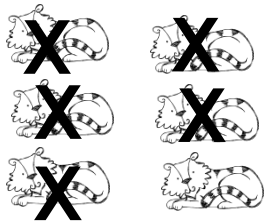
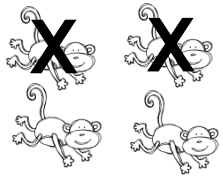
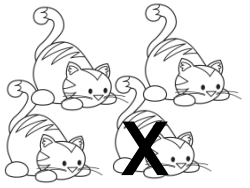
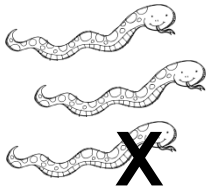
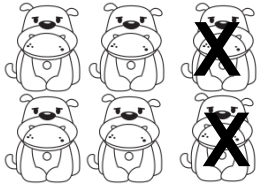
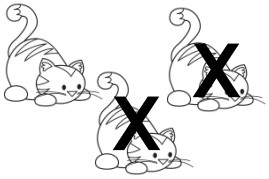
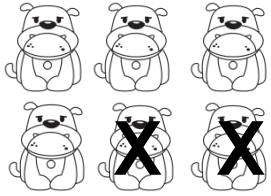
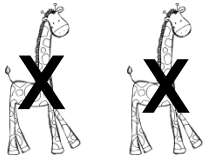
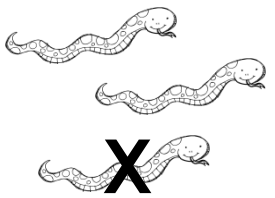
Represent Subtraction with Objects, K.OA.A.1: Represent addition and subtraction with objects, fingers, mental images, drawings , sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

 5-1=4	 5-5=0	4-3=1	5-1=4	 5-4=1	 5-3=2
5-2=3	 6-2=4	 6-3=3	 3-3=0	5-1=4	 5-5=0
2-1=1	3-1=2	4-2=2	 4-3=1	3-3=0	 2-1=1
 3-1=2	 6-2=4	 3-2=1	 6-2=3	 3-2=1	 4-1=3

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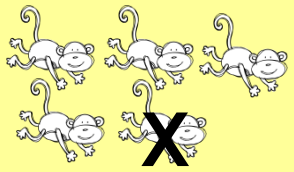
Answer Key: Represent Subtraction with Objects, K.OA.A.1: Represent addition and subtraction with objects, fingers, mental images, drawings , sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

True – Thumbs Up!



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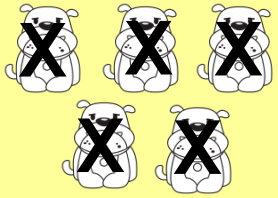
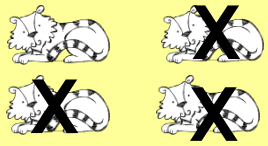
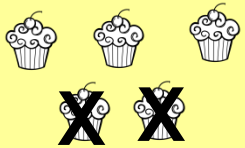


5-5=0



4-3=1



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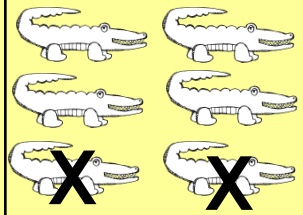

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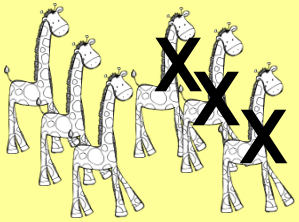
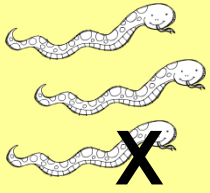


6-3=3

2-1=1

3-1=2

4-2=2



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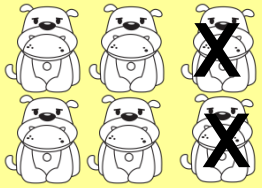

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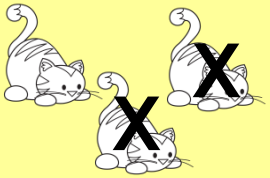
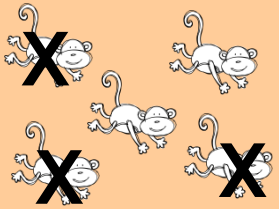


3-2=1

False – Thumbs Down!

5-1=4



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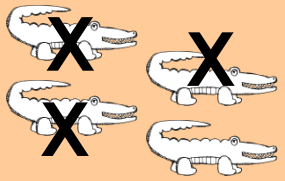

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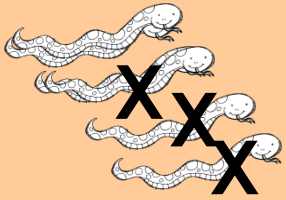
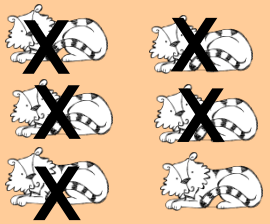


3-3=0

5-1=4



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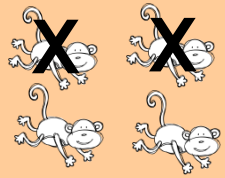
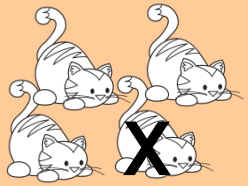


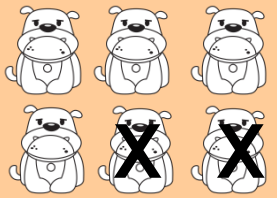
4-3=1

3-3=0



2-1=1

3-1=2



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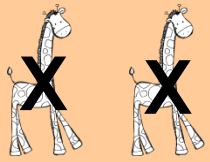

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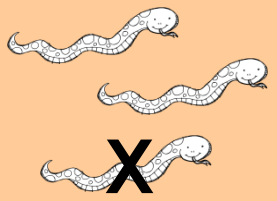

4-1=3

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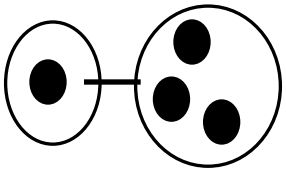
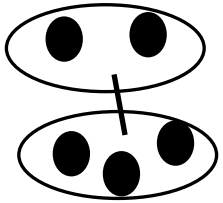
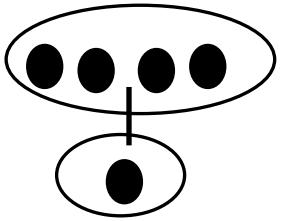
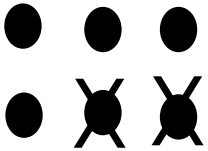
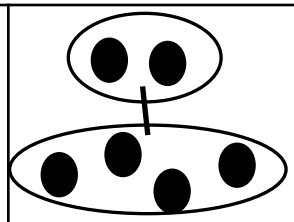
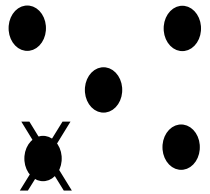
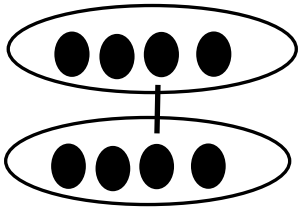
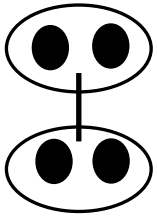
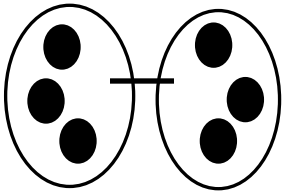
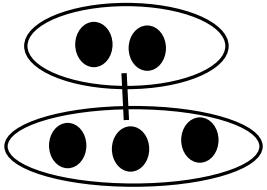
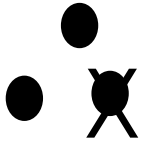
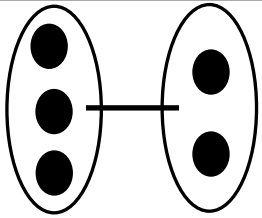
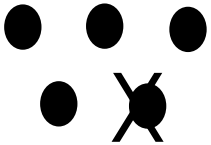
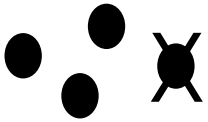
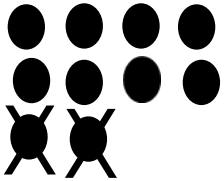
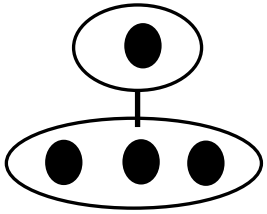
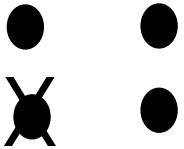
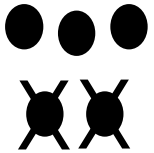
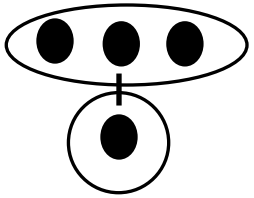
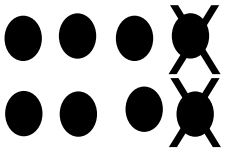
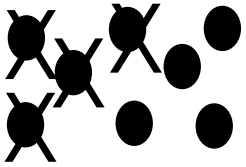
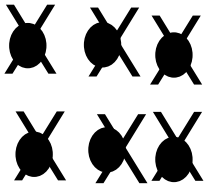
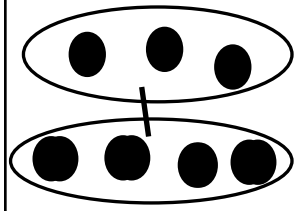
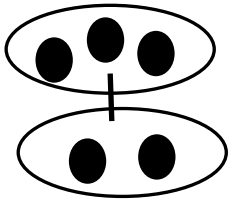
Represent Addition & Subtraction with Objects, K.OA.A.1: Represent addition and subtraction with objects … or equations.

 1+3=4	 2+3=5	 4+1=5	 4+6=10	 2+2=4	 5+1=6
 4+4=8	 2+2=4	 3+3=6	 3-2=1	 3+2=5	 3-2=1
 5-1=4	 4-2=2	 10-2=8	 4-1=3	 3-1=2	 2+3=5
 3+1=4	 8-2=6	 8-4=4	 5-0=5	 4-3=1	 3-2=1

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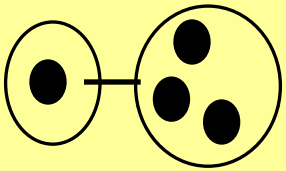
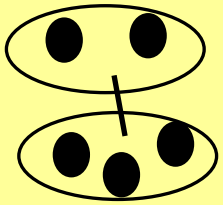
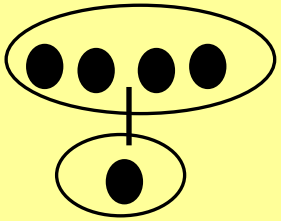
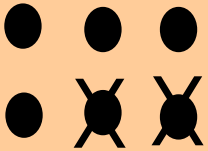
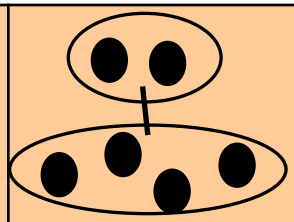
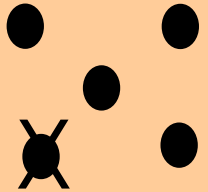
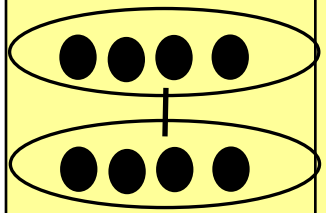
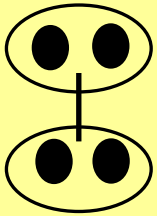
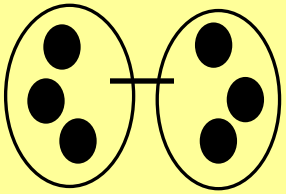
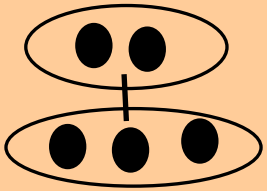
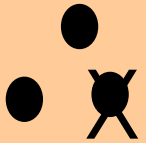
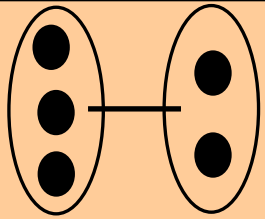
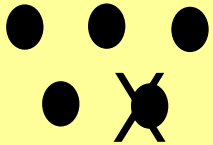
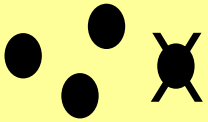
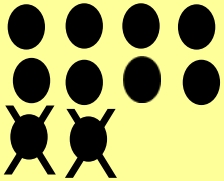
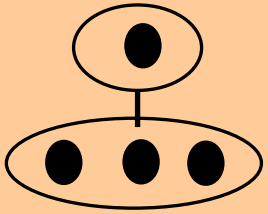
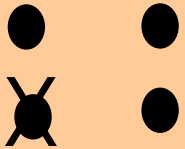
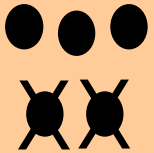
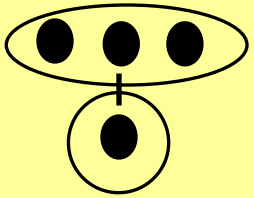
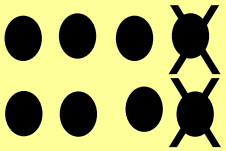
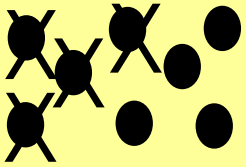
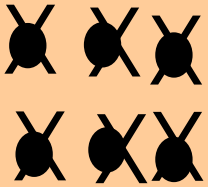
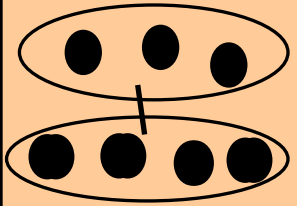
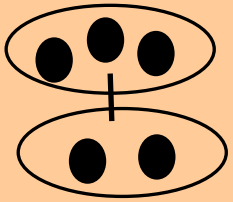
Answer Key: Represent Addition & Subtraction with Objects, K.OA.A.1: Represent addition and subtraction with objects … or equations.

True – Thumbs Up!			False – Thumbs Down!		
 1+3=4	 2+3=5	 4+1=5	 4+6=10	 2+2=4	 5+1=6
 4+4=8	 2+2=4	 3+3=6	 3-2=1	 3+2=5	 3-2=1
 5-1=4	 4-2=2	 10-2=8	 4-1=3	 3-1=2	 2+3=5
 3+1=4	 8-2=6	 8-4=4	 5-0=5	 4-3=1	 3-2=1

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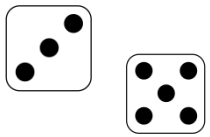
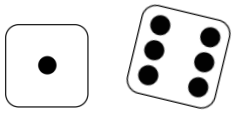
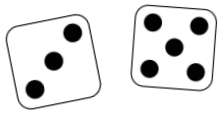
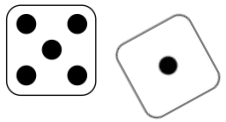
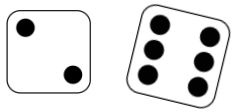
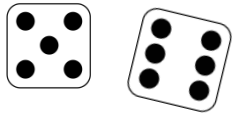
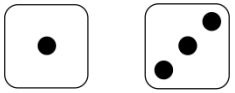
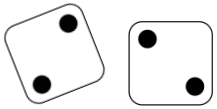
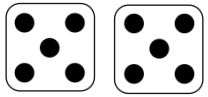
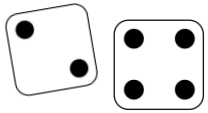
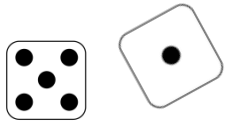
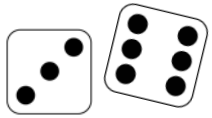
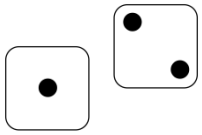
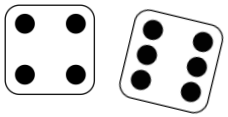
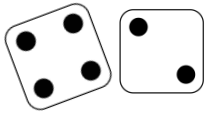
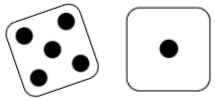
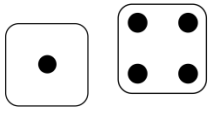
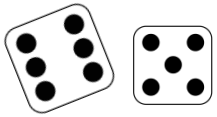
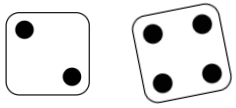
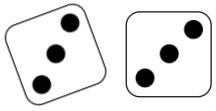
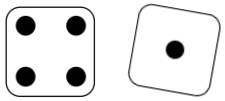
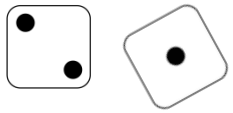
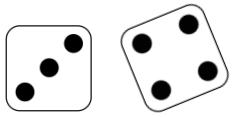
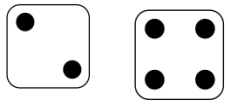
Model Addition with Dice Dots and Match to an Equation: K.OA.A.1: Represent addition and subtraction with objects … or equations.

 3+5=8	 1+6=7	 3+5=8	 6+1=7	 2+7=9	 5+5=10
 1+3=5	 2+2=4	 5+5=10	 2+5=7	 6-5=1	 3+3=6
 1+2=3	 4+6=10	 4+2=6	 4+1=5	 5+4=9	 6+6=12
 2+4=6	 3+3=6	 4+1=5	 3+1=4	 3+3=6	 2+4=6

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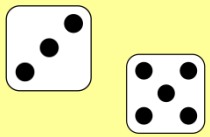
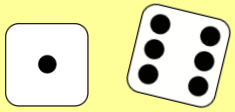
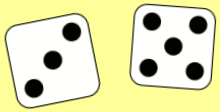
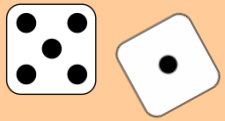
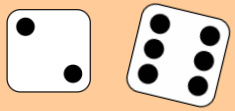
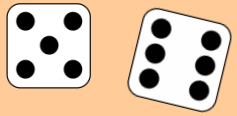
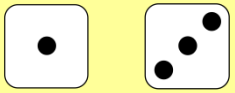
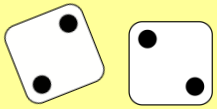
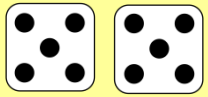
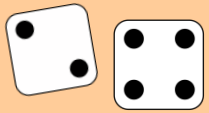
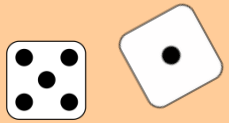
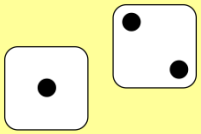
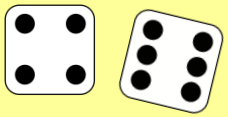
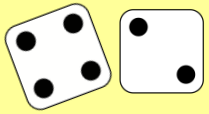
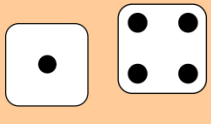
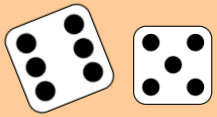
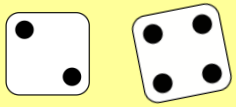
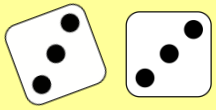
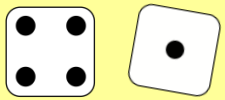
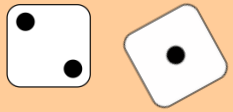
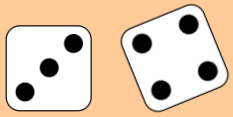
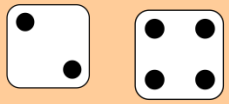
Model Addition with Dice Dots and Match to an Equation: K.OA.A.1: Represent addition and subtraction with objects … or equations.

True – Thumbs Up!			False – Thumbs Down!		
 3+5=8	 1+6=7	 3+5=8	 6+1=7	 2+7=9	 5+5=10
 1+3=5	 2+2=4	 5+5=10	 2+5=7	 6-5=1	3+3=6
 1+2=3	 4+6=10	 4+2=6	4+1=5	 5+4=9	 6+6=12
 2+4=6	 3+3=6	 4+1=5	 3+1=4	 3+3=6	 2+4=6

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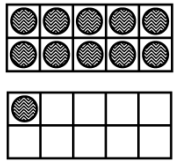
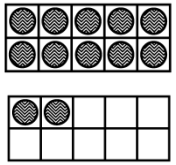
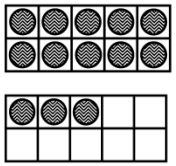
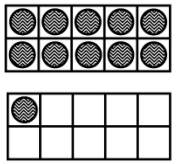
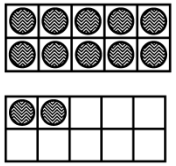
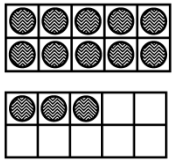
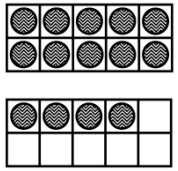
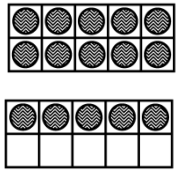
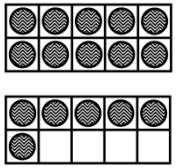
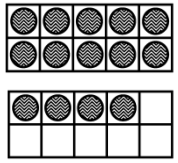
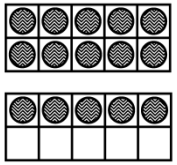
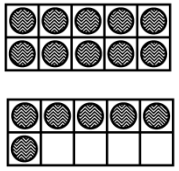
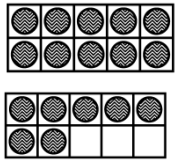
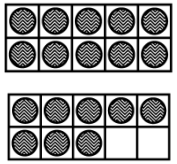
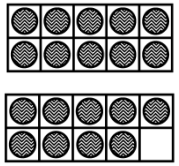
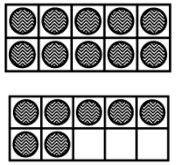
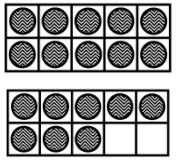
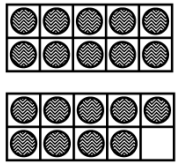
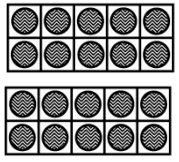
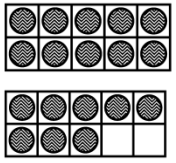
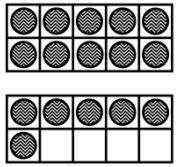
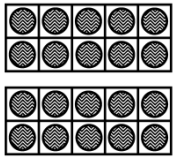
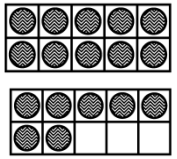
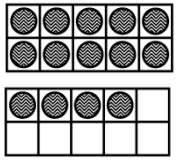
Match Ten Frames to Numerals, 11-20, K.CC.A.3: Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).

 11	 12	 13	 21	 13	 31
 14	 15	 16	 13	 51	 17
 17	 18	 19	 16	 81	 90
 20	 18	 16	 30	 71	 41

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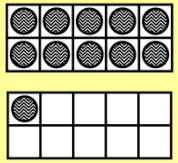
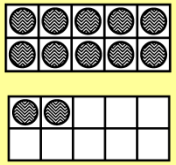
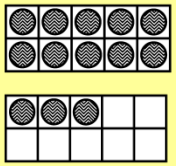
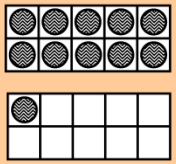
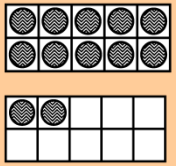
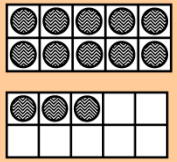
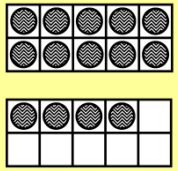
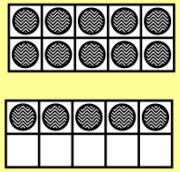
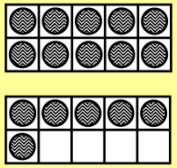
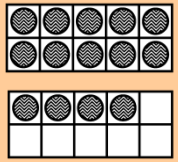
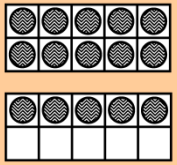
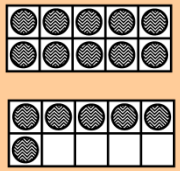
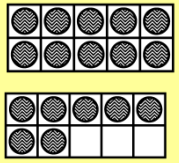
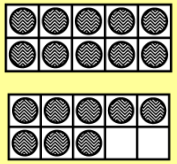
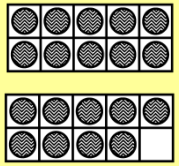
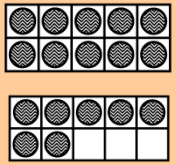
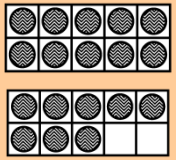
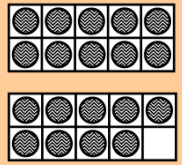
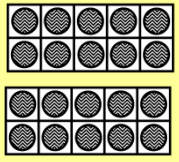
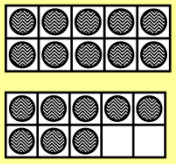
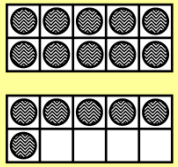
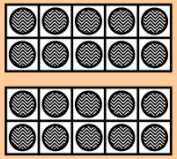
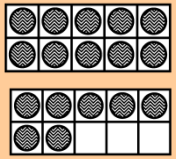
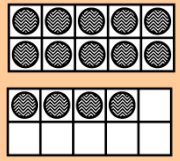
Answer Key: Match Ten Frames to Numerals, 11-20, K.CC.A.3: Write numbers from 0 to 20. Represent a number of objects with a numeral 0-20 (with 0 representing a count of no objects).

True – Thumbs Up!			False – Thumbs Down!		
 11	 12	 13	 21	 13	 31
 14	 15	 16	 13	 51	 17
 17	 18	 19	 16	 81	 90
 20	 18	 16	 30	 71	 41

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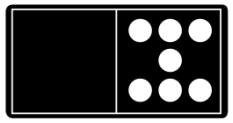
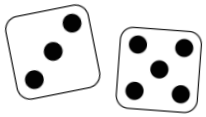
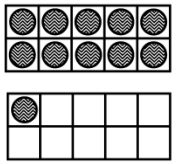
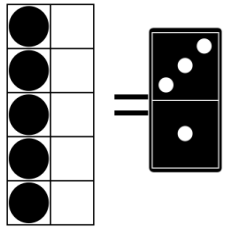
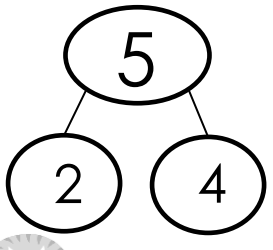
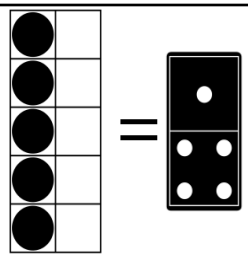
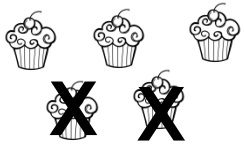
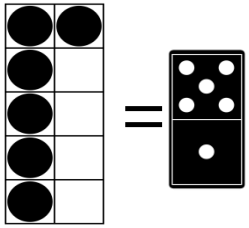
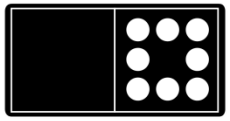
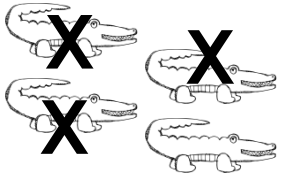
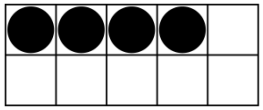
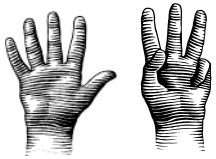
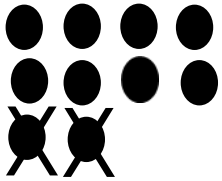
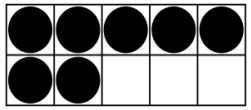
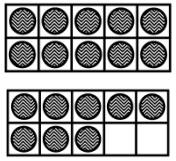
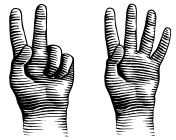
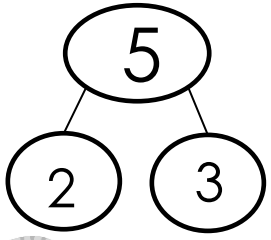
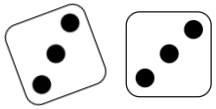
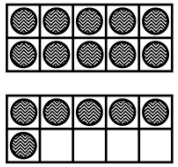
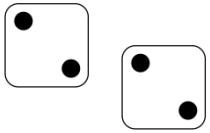
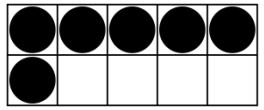
This Mixed Review Game includes samples from each of the games in the Kindergarten Thumbs Up, Thumbs Down Set.

2, 3, ___ 4	7 	 3+5=8	 21		
	 5-2=3		81, 82, ___ 38	7 	 4-3=2
4 	4+3=7 	 10-2=8	8 	 81	2+5=7 
	 3+3=6	 16	 2+4=6	88, 89, ___ 99	5 

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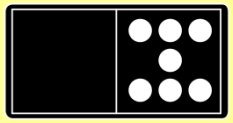
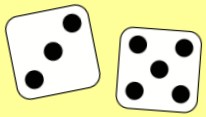
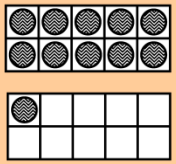
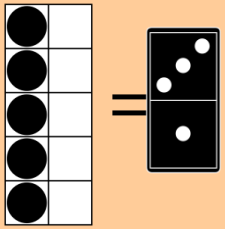
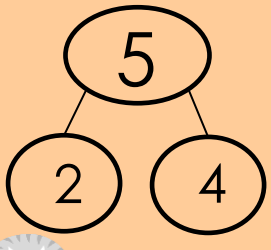
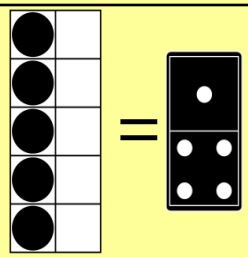
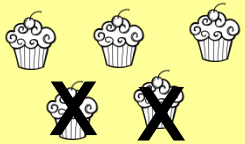
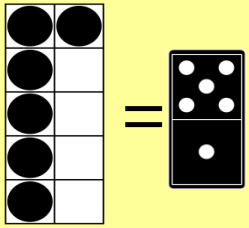
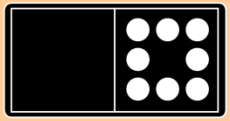
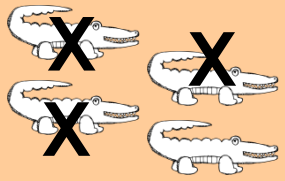
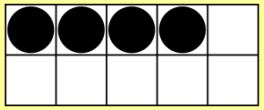
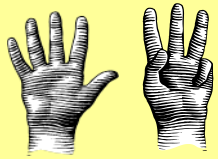
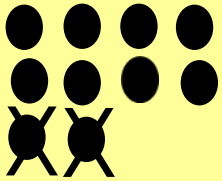
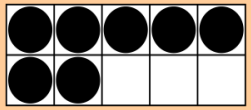
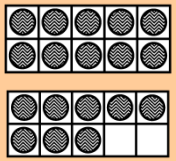
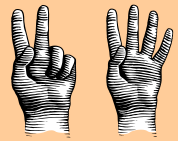
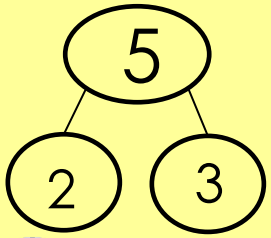
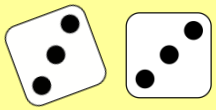
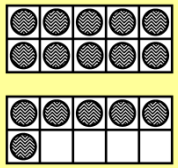
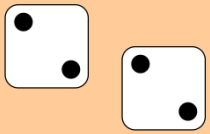
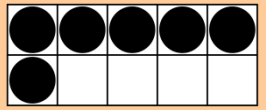
2, 3, ___ 4	7 	 3+5=8	 21		
	 5-2=3		81, 82, ___ 38	7 	 4-3=2
4 	4+3=7 	 10-2=8	8 	 81	2+5=7 
	 3+3=6	 16	 2+4=6	88, 89, ___ 99	5 

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