

# THE JUMBO BOOK

OF

# VISUAL SUBTRACTION STRATEGY

# FLASHCARDS

## FACTS WITHIN TEN

### FLASHCARD GAMES INCLUDE

- SUBTRACTION BATTLE
- NUMBER LINE IT!
- FACT FAMILIES
- TEN FRAME IT!
- WHAT'S MISSING
- CLIP IT!
- PICTURE IT!
- PART PART WHOLE IT!



**THE JUMBO BOOK  
OF VISUAL  
SUBTRACTION  
STRATEGY  
FLASHCARDS  
WITHIN 10**

**MATH FACT FLUENCY PLAYGROUND LLC  
BRIDGEPORT, CT**

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To contact the author for speaking workshops or ordering books in bulk, contact us at [info@mathfactfluencyplayground.com](mailto:info@mathfactfluencyplayground.com)

**\* ISBN NUMBER HERE WITH SPACES ABOVE AND BELOW\***

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Flashcards created by  
Dr. Nicki Newton

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# **EXERCISING YOUR BRAIN!**

**THIS BOOK WILL HELP YOU PRACTICE YOUR MATH FACT FLUENCY! MATH FACT FLUENCY IS 3 THINGS:**

**1. GETTING THE CORRECT ANSWER AND KNOWING HOW TO EXPLAIN IT.**

**2. BEING ABLE TO THINK FLEXIBLY (KNOWING LOTS OF WAYS TO PLAY AROUND WITH THE NUMBERS).**

**3. BEING EFFICIENT (WHICH MEANS YOU CAN FIND A WAY TO DO IT THAT IS QUICK AND EASY)!**

**PRACTICING IN MANY DIFFERENT WAYS WILL HELP YOU TO BECOME AUTOMATIC! THIS MEANS YOU DON'T EVEN HAVE TO THINK ABOUT THE PROBLEM, YOU JUST KNOW IT!**

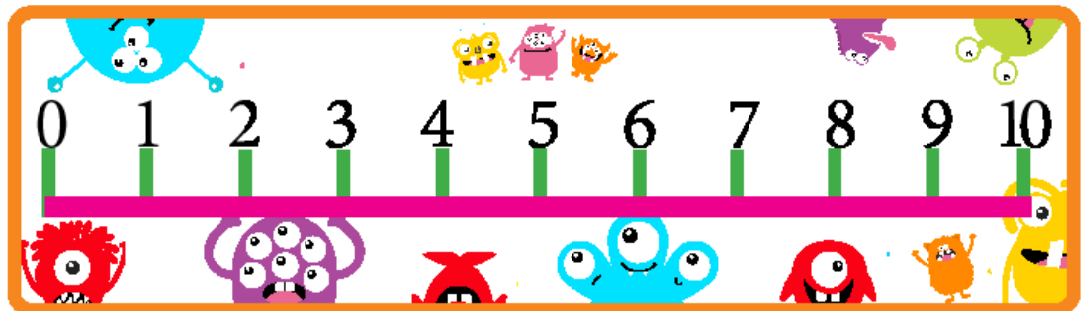
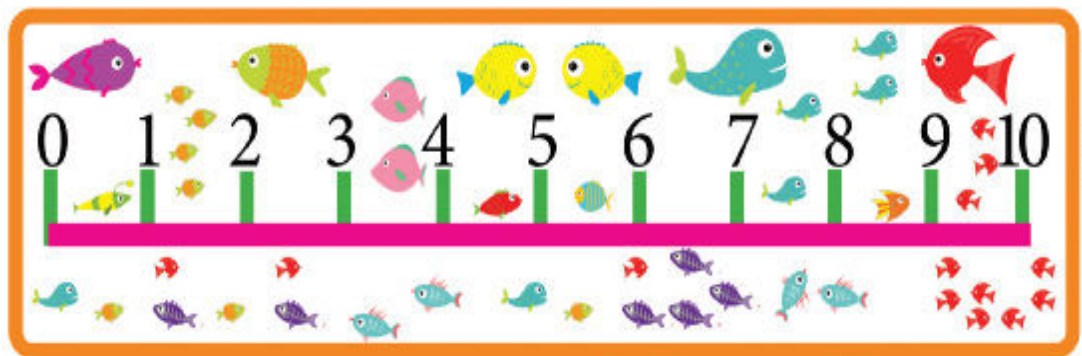
**THESE VISUAL MATH FLASHCARDS WILL DO ALL OF THE ABOVE.**

**HAPPY MATHING!**



**THIS PAGE HAS A FEW TOOLS TO HELP YOU SOLVE THE PROBLEMS. THERE IS A NUMBER PATH, NUMBER LINE AND NUMBER LADDER, TO HELP YOU ACT OUT THE PROBLEMS!**

10
9
8
7
6
5
4
3
2
1



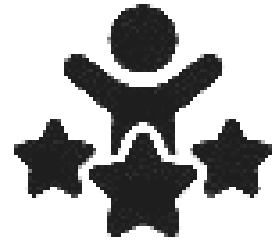
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PRACTICE, VISIT US AT  
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YOUR PARENTS AND  
TEACHERS CAN JOIN OUR FREE  
MEMBERSHIP AND GET PLENTY OF  
ACTIVITIES TO HELP  
YOU LEARN MORE.**



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DRNICKI@MATHFACTFLUENCYPLAYGROUND.COM**

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# PROGRESSION OF SUBTRACTION

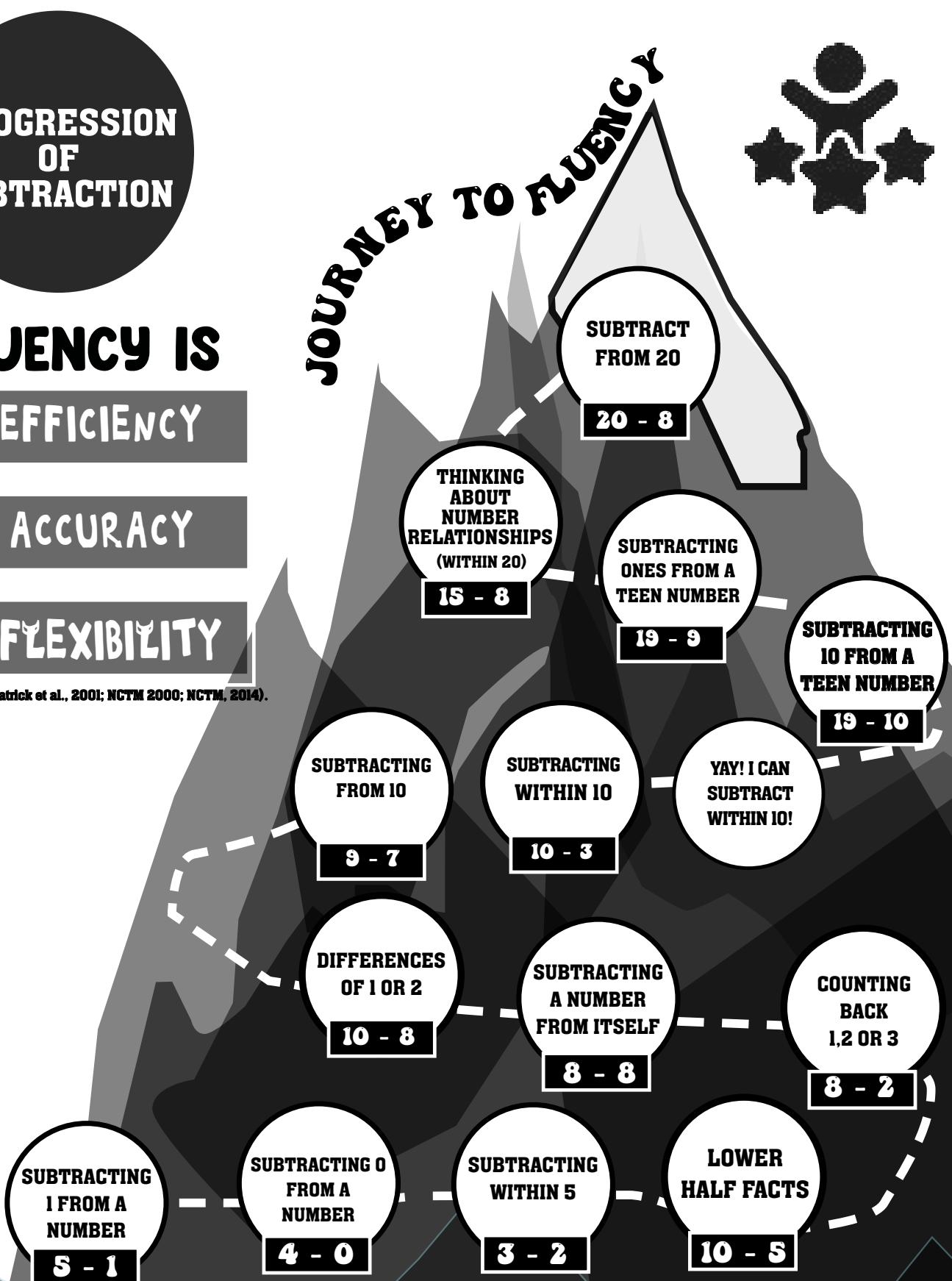


## JOURNEY TO FLUENCY

### FLUENCY IS

- 1 EFFICIENCY
- 2 ACCURACY
- 3 FLEXIBILITY

(NRC; Kilpatrick et al., 2001; NCTM 2000; NCTM, 2014).




**SET A GOAL. MAKE A PLAN. ACHIEVE YOUR GOAL!**



# VISUAL SUBTRACTION STRATEGY FLASHCARDS

IN THIS BOOK THERE ARE MANY DIFFERENT KINDS OF VISUAL SUBTRACTION STRATEGY FLASHCARDS TO HELP YOU WORK ON YOUR MATH FACT FLUENCY! EACH SECTION WILL INCLUDE THE INSTRUCTIONS AND THE FLASHCARDS! HAVE FUN!

<p><b>2 - 0</b></p>  <p>0 1 2 3 4 5 6 7 8 9 10</p> <p><a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a></p>	<p><b>2</b></p> <p><a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a></p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

<p><b>4 - 4</b></p> <table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table> <p><a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a></p>	1	2	3	4	5	<p><b>0</b></p> <p><a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a></p>
1	2	3	4	5		

**HAPPY MATHING,  
DR. NICKI**



**THIS BOOK  
BELONGS TO**

---

**NAME**





# THE JUMBO BOOK OF VISUAL SUBTRACTION STRATEGY FLASHCARDS



## HOW TO PLAY:

**VISUAL STRATEGY FLASHCARDS ARE A GREAT WAY TO PRACTICE MATH FACTS. THESE SETS OF CARDS HELP TO SCAFFOLD STUDENT THINKING ABOUT THE DIFFERENT STRATEGIES. AS CHILDREN BECOME PROFICIENT WITH EACH SET OF CARDS HAVE THEM COLOR THE SHIELD.**

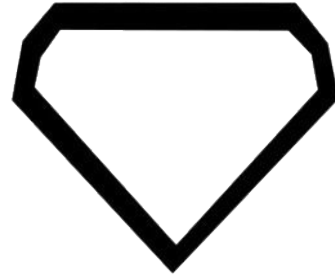


**KEEP TRACK OF YOUR STRATEGY PRACTICE!**

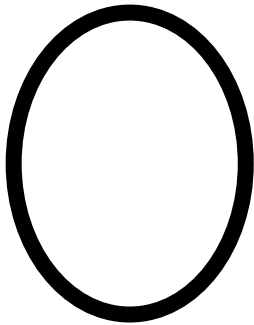
**SUBTRACTING 0**



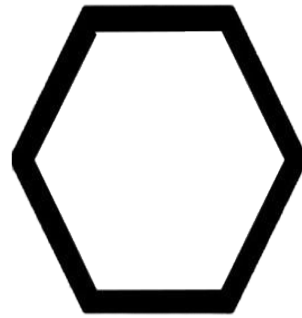
**SUBTRACTING 1**



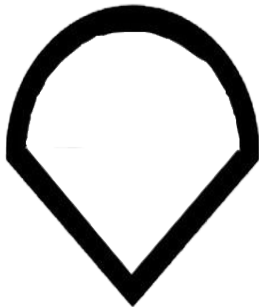
**SUBTRACTING WITHIN 5**



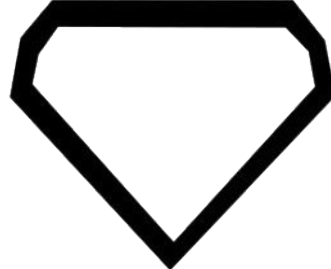
**LOWER HALF FACTS**



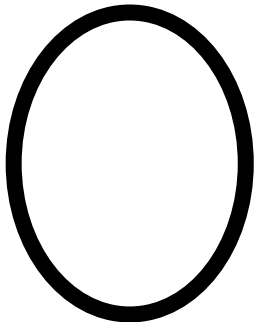
**COUNTING BACK 1,2,3**



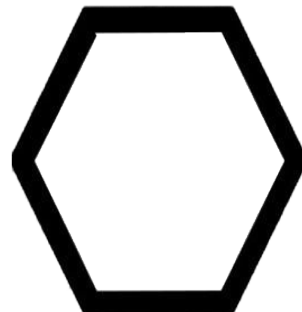
**SUBTRACTING A NUMBER FROM ITSELF**



**SUBTRACTING WITHIN 10**



**DIFFERENCES OF 1 OR 2**



**SUBTRACTING**  
**0**  
**(NUMBER PATH)**

# SUBTRACTING 0

Subtracting 0 is a difficult idea for many students. Many argue that subtracting 1 is easier because you have a quantity to think about. Students should have many hands on experiences working with this concept. Research states that kindergarten and first grade students should work on number paths. However, most state standards discuss the number line. We have worked with both throughout the book.



1 2 3 4 5 6 7 8 9 10

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www.mathfactfluencyplayground.com

# SUBTRACTING 0

$$10 - 0$$

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

www.mathfactfluencyplayground.com

$$10$$

www.mathfactfluencyplayground.com

$$2 - 0$$

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

www.mathfactfluencyplayground.com

$$2$$

www.mathfactfluencyplayground.com

# SUBTRACTING 0

$$9 - 0$$

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

www.mathfactfluencyplayground.com

9

www.mathfactfluencyplayground.com

$$3 - 0$$

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

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# SUBTRACTING 0

$$8 - 0$$

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

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8

www.mathfactfluencyplayground.com

$$4 - 0$$

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

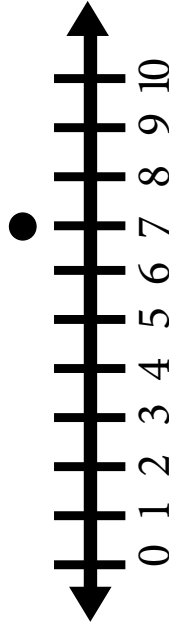
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# SUBTRACTING 0

$$7 - 0$$



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7

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$$5 - 0$$



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5

www.mathfactfluencyplayground.com

# SUBTRACTING 0



$$6 - 0$$

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

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6

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# SUBTRACTING 0



1 - 0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



10 - 0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING 0



2 - 0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

2

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



9 - 0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

9

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING 0



3

-

0

www.mathfactfluencyplayground.com

3

www.mathfactfluencyplayground.com

8

-

0

www.mathfactfluencyplayground.com

8

www.mathfactfluencyplayground.com

# SUBTRACTING 0

$$4 - 0$$

www.mathfactfluencyplayground.com

$$4$$

www.mathfactfluencyplayground.com

$$7 - 0$$

www.mathfactfluencyplayground.com

$$7$$

www.mathfactfluencyplayground.com

# SUBTRACTING 0



5 - 0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

5

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



6 - 0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

6

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



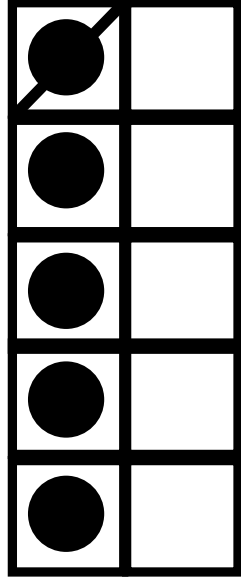
**SUBTRACTING**  
**1**  
**(10 FRAME)**

# SUBTRACTING 1

**Subtracting 1 is an important concept. Students should understand that it is just the number before. They are taking away 1 so the number is getting smaller. These visual flashcards allow students to see the math.**



$$5 - 1$$



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**4**

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# SUBTRACTING 1



**10 - 1**

●	●	●	●	●	●
●	●	●	●	●	●

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**9**

www.mathfactfluencyplayground.com



**1 - 1**

●					

www.mathfactfluencyplayground.com

**0**

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$9 - 1$

●	●	●	●	●	●
●	●	●	●	●	●

www.mathfactfluencyplayground.com

8

www.mathfactfluencyplayground.com



$2 - 1$

●					

www.mathfactfluencyplayground.com

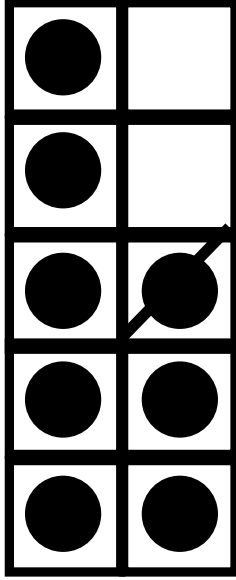
1

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$8 - 1$$



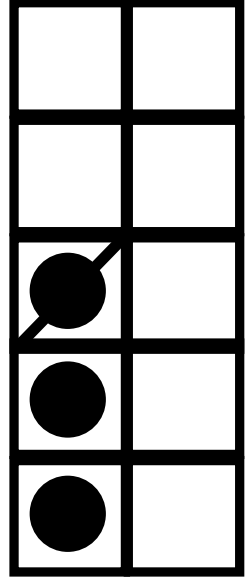
www.mathfactfluencyplayground.com

7

www.mathfactfluencyplayground.com



$$3 - 1$$



www.mathfactfluencyplayground.com

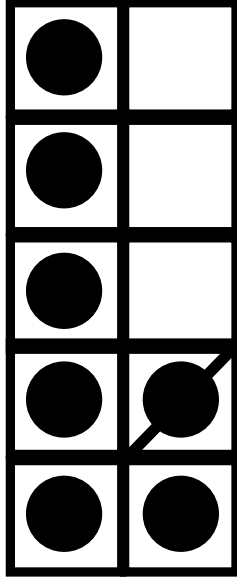
2

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$7 - 1$$



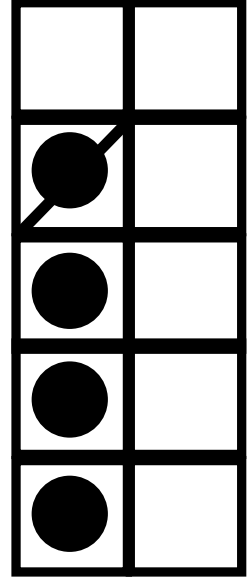
www.mathfactfluencyplayground.com

6

www.mathfactfluencyplayground.com



$$4 - 1$$



www.mathfactfluencyplayground.com

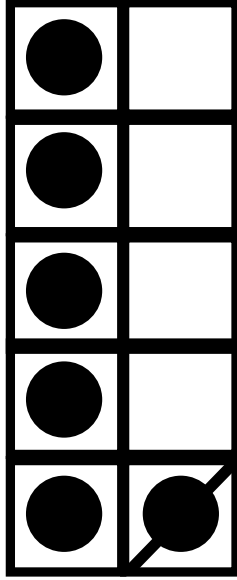
3

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$6 - 1$$



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5

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$5 - 1$$

www.mathfactfluencyplayground.com

$$4$$

www.mathfactfluencyplayground.com



$$10 - 1$$

www.mathfactfluencyplayground.com

$$9$$

www.mathfactfluencyplayground.com



# SUBTRACTING 1



1 - 1

www.mathfactfluencyplayground.com

0

www.mathfactfluencyplayground.com



9 - 1

www.mathfactfluencyplayground.com

8

www.mathfactfluencyplayground.com

# SUBTRACTING 1



2 - 1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



8 - 1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

7

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING 1



3

-

1

www.mathfactfluencyplayground.com

2

www.mathfactfluencyplayground.com



7

-

1

www.mathfactfluencyplayground.com

6

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$4 - 1$$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

$$3$$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$$6 - 1$$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

$$5$$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**SUBTRACTING  
WITHIN 5  
(NUMBER PATH)**

# SUBTRACTING WITHIN 5

Kindergarteners should work on fluency within 5 and in some states within 10. Our next set of cards. Explore how students can use the number paths to figure out the answer.



$$5 - 3$$

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

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$$2$$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING WITHIN 5



5 - 1

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

www.mathfactfluencyplayground.com

4

www.mathfactfluencyplayground.com



5 - 2

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

www.mathfactfluencyplayground.com

3

www.mathfactfluencyplayground.com

# SUBTRACTING WITHIN 5



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

**4 - 1**

**3**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



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

**4 - 2**

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



# SUBTRACTING WITHIN 5



2

www.mathfactfluencyplayground.com



1

www.mathfactfluencyplayground.com

3 - 1

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

www.mathfactfluencyplayground.com

5 - 4

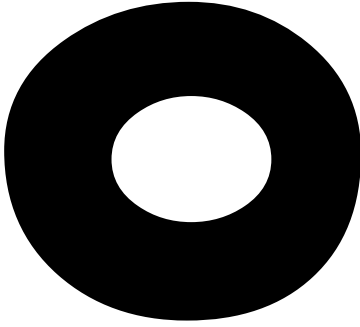
1	2	3	4	5
---	---	---	---	---

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# SUBTRACTING WITHIN 5



www.mathfactfluencyplayground.com



www.mathfactfluencyplayground.com



www.mathfactfluencyplayground.com

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

**3 - 3**

www.mathfactfluencyplayground.com

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

**4 - 3**

# SUBTRACTING WITHIN 5



1

www.mathfactfluencyplayground.com

3 - 2

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

www.mathfactfluencyplayground.com



0

www.mathfactfluencyplayground.com

5 - 5

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

www.mathfactfluencyplayground.com

# SUBTRACTING WITHIN 5



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

$2 - 2$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



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

$2 - 1$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING WITHIN 5



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

$4 - 4$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



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

$1 - 1$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**SUBTRACTING  
WITHIN 5  
(5 FRAME)**

# SUBTRACTING WITHIN 5

Kindergarteners should work on fluency within 5 and in some states within 10. Our next set of cards explore subtracting within 5 on a five frame.



5 - 3

●	●	●	●	●
---	---	---	---	---

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2

www.mathfactfluencyplayground.com

# SUBTRACTING WITHIN 5



$$4 - 3$$



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$$2 - 1$$



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



# SUBTRACTING WITHIN 5



**4 - 4**

--	--	--	--	--

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**1 - 1**

--	--	--	--	--

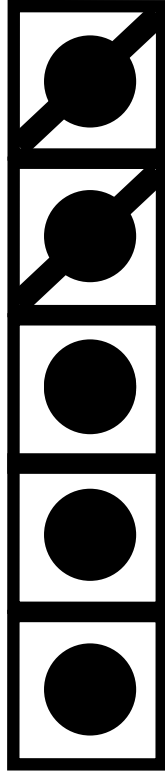
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING WITHIN 5



$$5 - 2$$



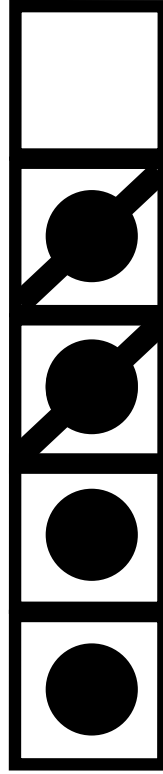
www.mathfactfluencyplayground.com

3

www.mathfactfluencyplayground.com



$$4 - 2$$



www.mathfactfluencyplayground.com

2

www.mathfactfluencyplayground.com

# SUBTRACTING WITHIN 5



$$3 - 2$$



www.mathfactfluencyplayground.com

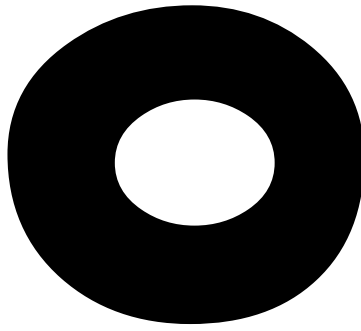


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$$5 - 5$$



www.mathfactfluencyplayground.com



www.mathfactfluencyplayground.com

# SUBTRACTING WITHIN 5



**2 - 2**

--	--	--	--

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**0**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**5 - 1**

--	--	--	--

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

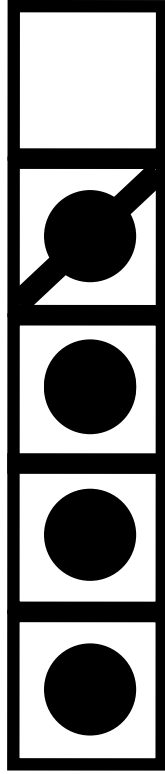
**4**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING WITHIN 5



$$4 - 1$$



www.mathfactfluencyplayground.com

3

www.mathfactfluencyplayground.com



$$3 - 1$$



www.mathfactfluencyplayground.com

2

www.mathfactfluencyplayground.com

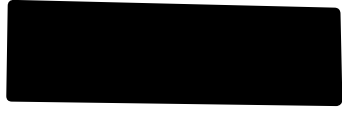
# SUBTRACTING WITHIN 5



$$5 - 4$$



www.mathfactfluencyplayground.com

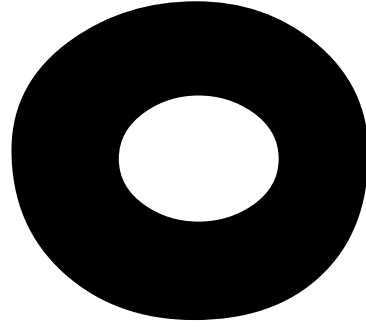


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$$3 - 3$$



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www.mathfactfluencyplayground.com



# SUBTRACTING WITHIN 5



$5 - 3$	$2$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$4 - 3$	$1$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 5



$2 - 1$	$1$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$4 - 4$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



# SUBTRACTING WITHIN 5



$1 - 1$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$5 - 2$	$3$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 5



$4 - 2$	2
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$3 - 2$	1
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 5



$5 - 5$	0
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$2 - 2$	0
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 5



$5 - 1$	$4$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$4 - 1$	$3$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 5



$3 - 1$	$2$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$5 - 4$	$1$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 5



$3 - 3$	0
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



**LOWER HALF  
FACTS  
(TEN FRAME)**

# LOWER HALF FACTS

It is important that students recognize the relationships between half facts and doubles facts. Halving is more challenging than doubling. If students relate the two strategies, and make sense of them together, they will be able to use this information with other types of numbers. We use a ten frame so that students can visualize the half facts.



8 - 4

●	●	●	●
●	●	●	●

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4

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# LOWER HALF FACTS



**10 - 5**

●	●	●	●	●	●
●	●	●	●	●	●

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**5**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**2 - 1**

●					
●					

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# LOWER HALF FACTS



**6 - 3**

●	●	●	
●	●	●	●

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**3**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**4 - 2**

●	●	●	
●	●	●	●

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# LOWER HALF FACTS



<b>8 - 4</b>	<b>4</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>10 - 5</b>	<b>5</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# LOWER HALF FACTS



$2 - 1$	$1$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$6 - 3$	$3$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# LOWER HALF FACTS



<b>4 - 2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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**COUNTING  
BACK 1,2,3  
(NUMBER LINE)**

# COUNTING BACK 1,2,3

**Count back facts are important. Students should be able to talk about what is happening when we subtract 1,2 or 3 from a number. They should know the differences of 1 or 2 comfortably. They should also have the strategy of counting back when they see 3. They should be able to use the count up strategy as well.**



2 - 1

0 1 2 3 4 5 6 7 8 9 10

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www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



6 - 3

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

3

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



2 - 2

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

0

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



# COUNTING BACK 1,2,3



7 - 1

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

6

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



3 - 1

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

2

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**7 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**5**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**3 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**8 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**6**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**3 - 3**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**0**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**8 - 3**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**5**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**4 - 1**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**3**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**9 - 1**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**8**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**4 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**9 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**7**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**4 - 3**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**9 - 3**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**6**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**5 - 1**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**4**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**10 - 1**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**9**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**5 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**3**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



# COUNTING BACK 1,2,3



**6 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**4**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**10 - 3**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**7**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



**6 - 3**

0 1 2 3 4 5 6 7 8 9 10



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**3**



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# COUNTING BACK 1,2,3



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 www.mathfactfluencyplayground.com	 www.mathfactfluencyplayground.com
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# COUNTING BACK 1,2,3



 $2 - 2$	 <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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 $7 - 1$	 <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# COUNTING BACK 1,2,3



<b>3 - 1</b>	<b>2</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>7 - 2</b>	<b>5</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# COUNTING BACK 1,2,3



<b>3</b>	<b>2</b>
<b>3 - 2</b>	<b>1</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>8</b>	<b>2</b>
<b>8 - 2</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# COUNTING BACK 1,2,3



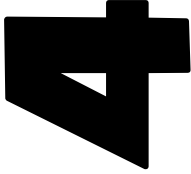





<b>3 - 3</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>0</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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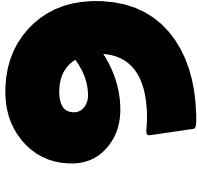


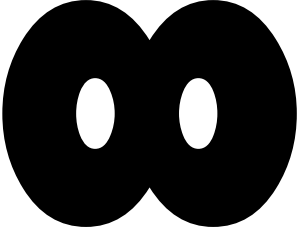


<b>8 - 3</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>5</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# COUNTING BACK 1,2,3



  	  
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



  	  
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



# COUNTING BACK 1,2,3



<b>4 - 2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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<b>9 - 2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>7</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# COUNTING BACK 1,2,3



<b>4 - 3</b>	<b>1</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>9 - 3</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# COUNTING BACK 1,2,3



<b>5 - 1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>4</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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<b>10 - 1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>9</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# COUNTING BACK 1,2,3



<b>5 - 2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>3</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
----------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------



<b>6 - 2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>4</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# COUNTING BACK 1,2,3



<b>10 - 3</b>	<b>7</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>6 - 3</b>	<b>3</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

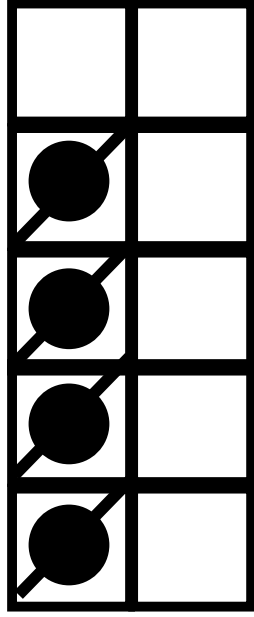
**SUBTRACTING  
A NUMBER  
FROM ITSELF**

# SUBTRACTING A NUMBER FROM ITSELF

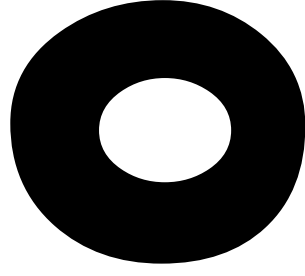
Students should recognize that when they subtract a number from itself, the answer will always be zero. Students should explain their thinking.



$$4 - 4$$



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# SUBTRACTING A NUMBER FROM ITSELF



$1 - 1$

●					

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○

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$10 - 10$

●	●	●	●	●	●
●	●	●	●	●	●

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

○

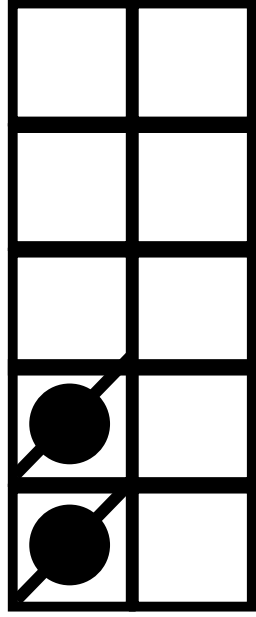
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



# SUBTRACTING A NUMBER FROM ITSELF



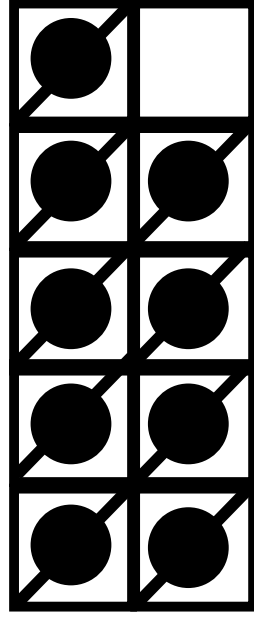
$$2 - 2$$



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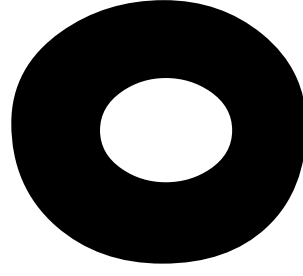
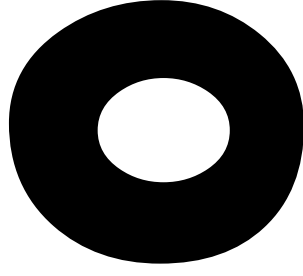
www.mathfactfluencyplayground.com

$$9 - 9$$



www.mathfactfluencyplayground.com

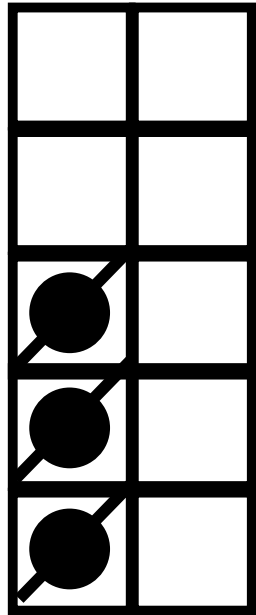
www.mathfactfluencyplayground.com



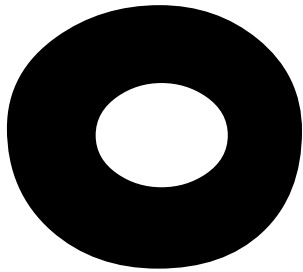
# SUBTRACTING A NUMBER FROM ITSELF



$$3 - 3$$

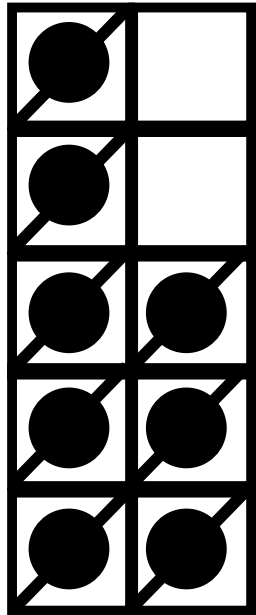


www.mathfactfluencyplayground.com

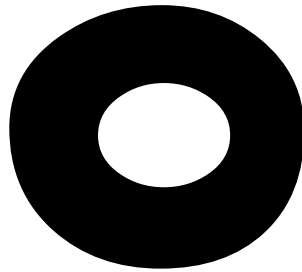


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$$8 - 8$$



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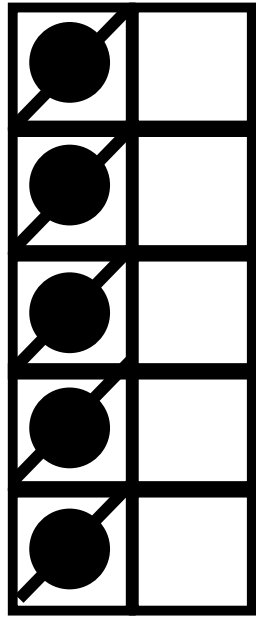


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# SUBTRACTING A NUMBER FROM ITSELF

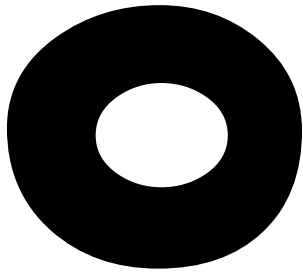


$$5 - 5$$

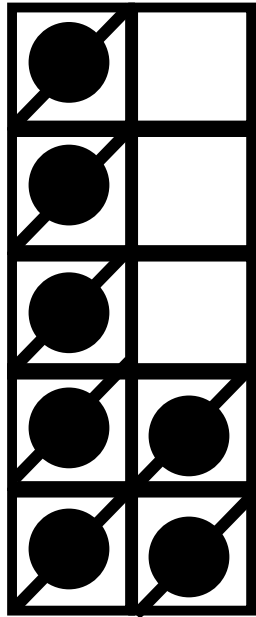


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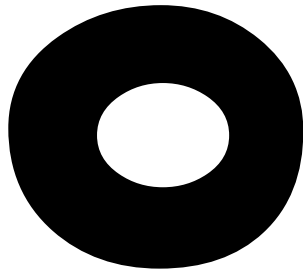


$$7 - 7$$



www.mathfactfluencyplayground.com

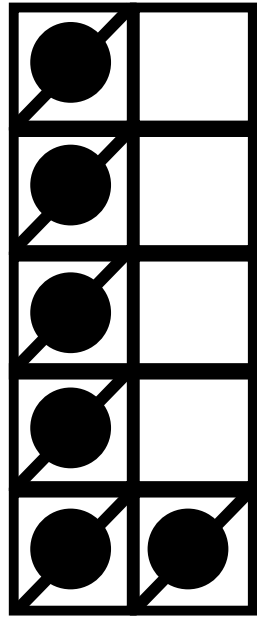
www.mathfactfluencyplayground.com



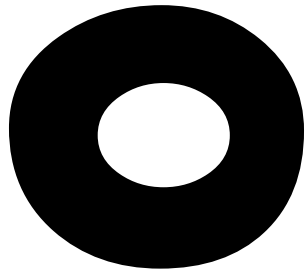
# SUBTRACTING A NUMBER FROM ITSELF



$$6 - 6$$



www.mathfactfluencyplayground.com



www.mathfactfluencyplayground.com

# SUBTRACTING A NUMBER FROM ITSELF



$4 - 4$	
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$1 - 1$	
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING A NUMBER FROM ITSELF



$10 - 10$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$2 - 2$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING A NUMBER FROM ITSELF



$9 - 9$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$3 - 3$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING A NUMBER FROM ITSELF



$8 - 8$	0
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$5 - 5$	0
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



# SUBTRACTING A NUMBER FROM ITSELF



$7 - 7$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$6 - 6$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# **CLIP CARDS**

# Subtracting from 10

These are clip cards. They are a great bridge for students who are practicing for instant recall. This is after students understand strategies, can explain their thinking and are working on practice over time. Students pick an answer and check the back. They should explain why they picked that answer and how they know that they are correct. These are a great scaffold to moving onto regular, traditional flashcards.

<b>SUBTRACTING FROM 10</b>	<b>9</b>	
<b>10 - 2</b>	<b>8</b>	●
<b>Gigglebook</b>	<b>7</b>	
		<b>Gigglebook</b>

# SUBTRACTING FROM 10



<b>SUBTRACTING FROM 10</b>			
<b>10 - 1</b>	<b>9</b>	●	
<b>Gigglebook</b>	<b>8</b>		
	<b>7</b>		<b>Gigglebook</b>



	<b>9</b>		
<b>10 - 2</b>	<b>8</b>	●	
<b>Gigglebook</b>	<b>7</b>		<b>Gigglebook</b>

# SUBTRACTING FROM 10



<b>SUBTRACTING FROM 10</b>			
<b>10 - 3</b>	<b>9</b>		
<b>Gigglebook</b>	<b>8</b>		
	<b>7</b>		●
			<b>Gigglebook</b>



	<b>6</b>	●	
<b>10 - 4</b>	<b>5</b>		
<b>Gigglebook</b>	<b>7</b>		
			<b>Gigglebook</b>

# SUBTRACTING FROM 10



<b>SUBTRACTING FROM 10</b>			
<b>10 - 5</b>	<b>3</b>	●	
<b>Gigglebook</b>	<b>5</b>		
	<b>7</b>		<b>Gigglebook</b>



	<b>4</b>	●	
<b>10 - 6</b>	<b>3</b>		
<b>Gigglebook</b>	<b>7</b>		<b>Gigglebook</b>

# SUBTRACTING FROM 10



<b>SUBTRACTING FROM 10</b>			
<b>10 - 7</b>	<b>1</b>		
<b>Gigglebook</b>	<b>2</b>		
	<b>3</b>		●
			<b>Gigglebook</b>



	<b>4</b>		
<b>10 - 8</b>	<b>2</b>		●
<b>Gigglebook</b>	<b>6</b>		
			<b>Gigglebook</b>

# SUBTRACTING FROM 10



<b>SUBTRACTING FROM 10</b>			
<b>10 - 9</b>	<b>4</b>		
<b>Gigglebook</b>	<b>2</b>		
	<b>1</b>		●
			<b>Gigglebook</b>



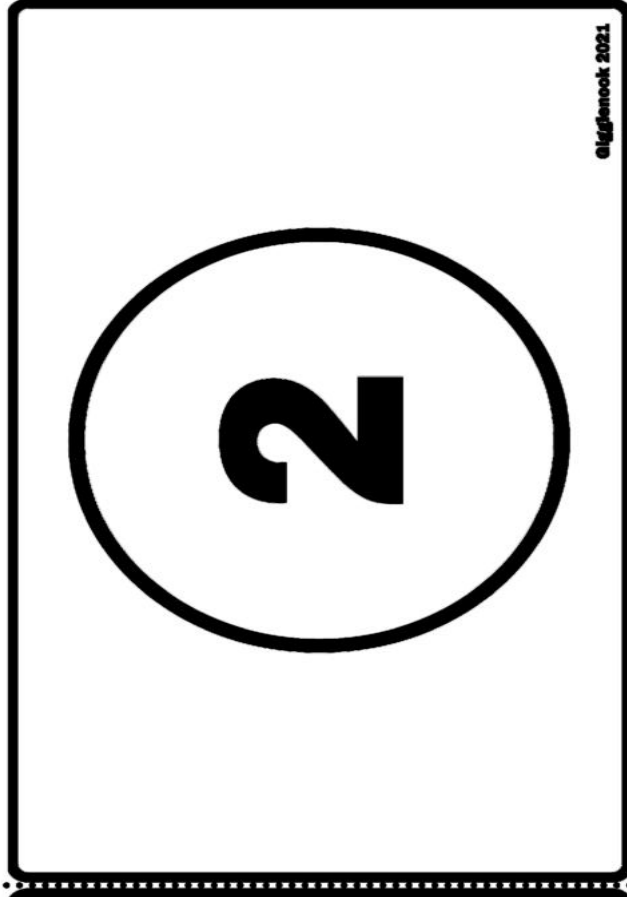
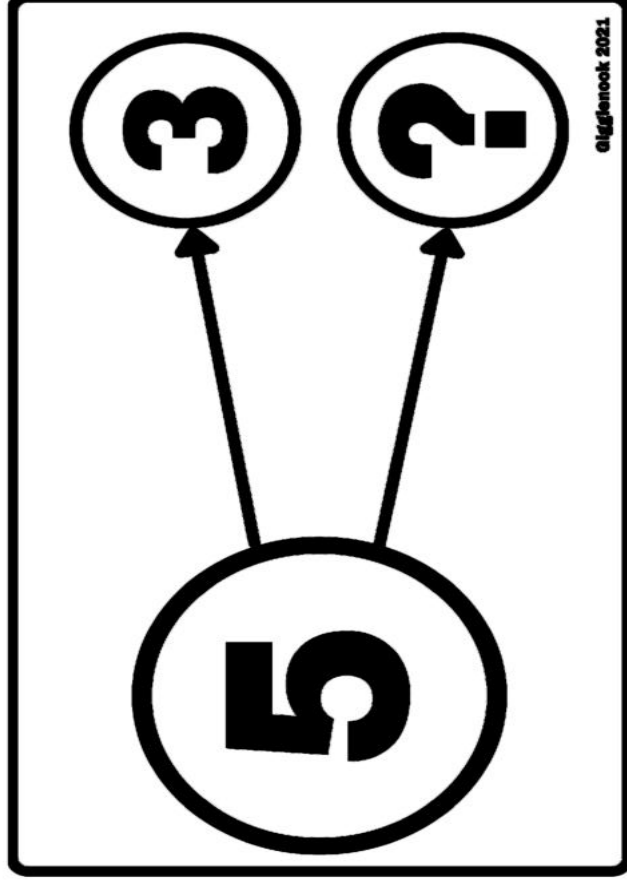
	<b>2</b>		
	<b>1</b>		
	<b>0</b>		●
			<b>Gigglebook</b>




# NUMBER BONDS

# NUMBER BONDS

Numbers bonds cards are a great way to develop whole part thinking. Students should work with these and explain how they found the answer. They could either count up or count back. These cards are great to practice along with part part whole cards.




# NUMBER BONDS



1

©iggleeek 2021



2

©iggleeek 2021

4 ?

5

©iggleeek 2021

3 ?

5

©iggleeek 2021

# NUMBER BONDS

A number bond diagram for the number 5. A large circle at the bottom contains the number 5. Two arrows point upwards from this circle to two smaller circles above it. The left smaller circle contains the number 2, and the right smaller circle contains a question mark. A dashed horizontal line is positioned between the top of the 5 circle and the bottom of the 2 and ? circles. A copyright notice '©igfaveek 2021' is located in the top right corner of the diagram.

A number bond diagram for the number 5. A large circle at the bottom contains the number 5. Two arrows point upwards from this circle to two smaller circles above it. The left smaller circle contains the number 4, and the right smaller circle contains a question mark. A dashed horizontal line is positioned between the top of the 5 circle and the bottom of the 4 and ? circles. A copyright notice '©igfaveek 2021' is located in the top right corner of the diagram.

A large circle containing the number 3. A copyright notice '©igfaveek 2021' is located in the top right corner of the circle.

A large circle containing the number 1. A copyright notice '©igfaveek 2021' is located in the top right corner of the circle.

# NUMBER BONDS

A large circle containing the number 4.

©igfennock 2021

A large circle containing the number 5.

©igfennock 2021

A number bond diagram for the number 5. A large circle at the bottom contains the number 5. Two arrows point upwards from the top of this circle to two smaller circles above it. The left smaller circle contains the number 1, and the right smaller circle contains a question mark.

©igfennock 2021

A number bond diagram for the number 5. A large circle at the bottom contains the number 5. Two arrows point upwards from the top of this circle to two smaller circles above it. The left smaller circle contains the number 0, and the right smaller circle contains a question mark.

©igfennock 2021

# NUMBER BONDS

A large circle containing the number 0.

©igfarnock 2021

A large circle containing the number 2.

©igfarnock 2021

A large circle containing the number 4. Two arrows point from it to two smaller circles above. The left smaller circle contains the number 4, and the right smaller circle contains a question mark.

©igfarnock 2021

A large circle containing the number 3. Two arrows point from it to two smaller circles above. The left smaller circle contains the number 1, and the right smaller circle contains a question mark.

©igfarnock 2021

# NUMBER BONDS

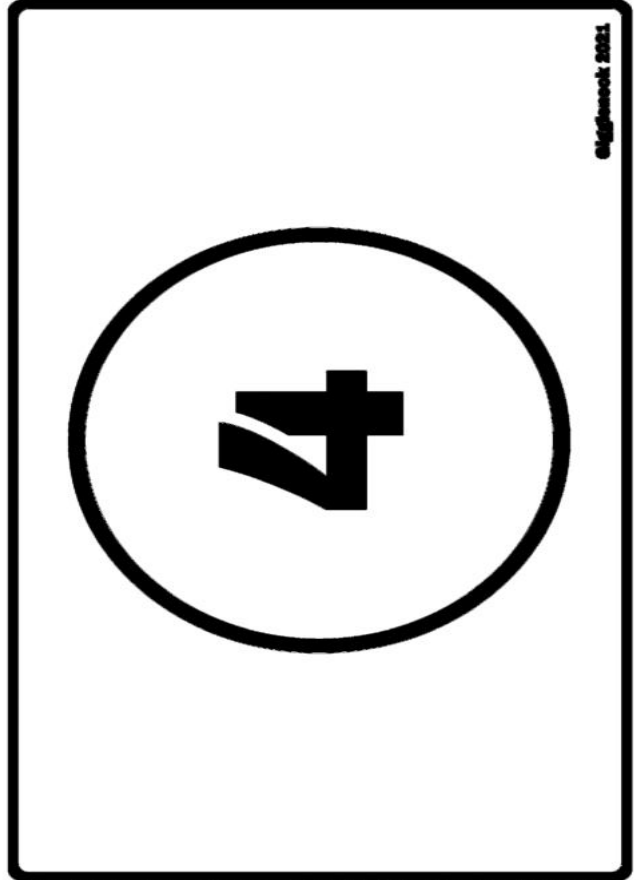
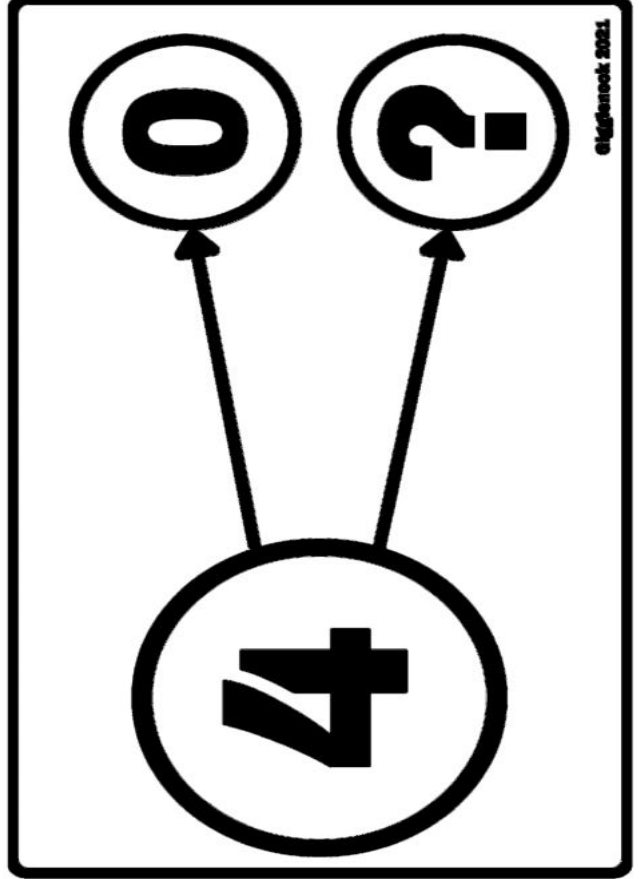
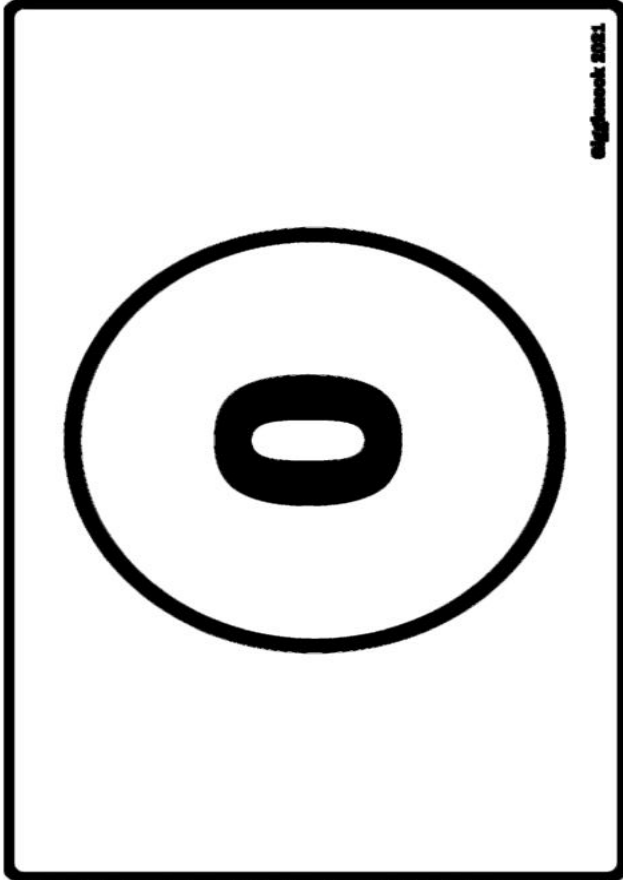
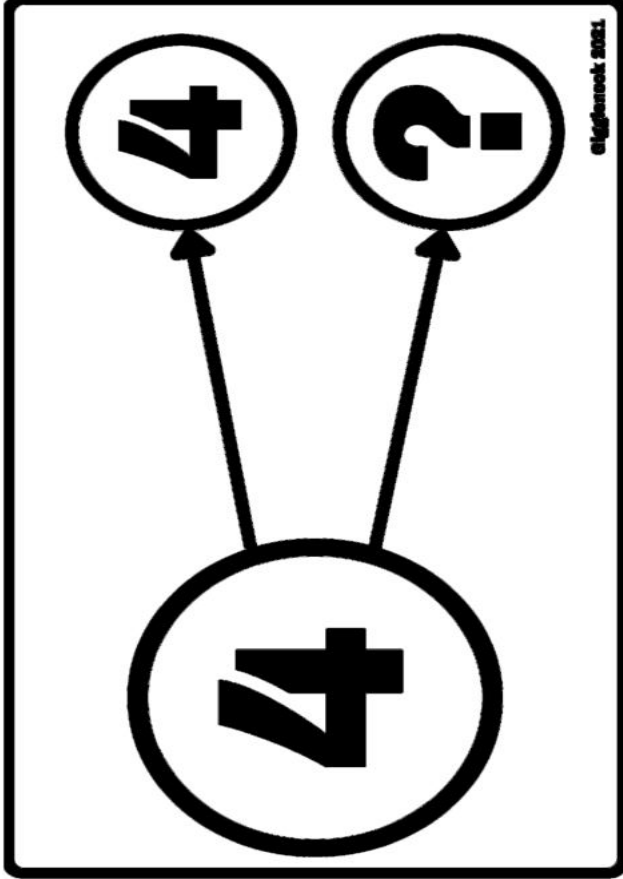
©Houghton Mifflin Harcourt 2011

©Houghton Mifflin Harcourt 2011

©Houghton Mifflin Harcourt 2011

©Houghton Mifflin Harcourt 2011

# NUMBER BONDS





# NUMBER BONDS

A rectangular card with a thick black border. In the center is a large circle containing the number 3. In the bottom right corner, there is a small vertical text label: "eiggenek 2021".

A rectangular card with a thick black border. In the center is a large circle containing the number 2. In the bottom right corner, there is a small vertical text label: "eiggenek 2021".

A rectangular card with a thick black border. At the bottom center is a large circle containing the number 3. Two arrows point upwards from the top of this circle to two smaller circles. The left smaller circle contains the number 0, and the right smaller circle contains a question mark. In the bottom right corner, there is a small vertical text label: "eiggenek 2021".

A rectangular card with a thick black border. At the bottom center is a large circle containing the number 3. Two arrows point upwards from the top of this circle to two smaller circles. The left smaller circle contains the number 1, and the right smaller circle contains a question mark. In the bottom right corner, there is a small vertical text label: "eiggenek 2021".

# NUMBER BONDS

A number bond diagram showing a large circle at the bottom containing the number 3. Two arrows point upwards from this circle to two smaller circles above it. The left smaller circle contains the number 3, and the right smaller circle contains a question mark.

© Houghton Mifflin Harcourt 2011

A large circle containing the number 0.

© Houghton Mifflin Harcourt 2011

A number bond diagram showing a large circle at the bottom containing the number 3. Two arrows point upwards from this circle to two smaller circles above it. The left smaller circle contains the number 2, and the right smaller circle contains a question mark.

© Houghton Mifflin Harcourt 2011

A large circle containing the number 1.

© Houghton Mifflin Harcourt 2011

# NUMBER BONDS

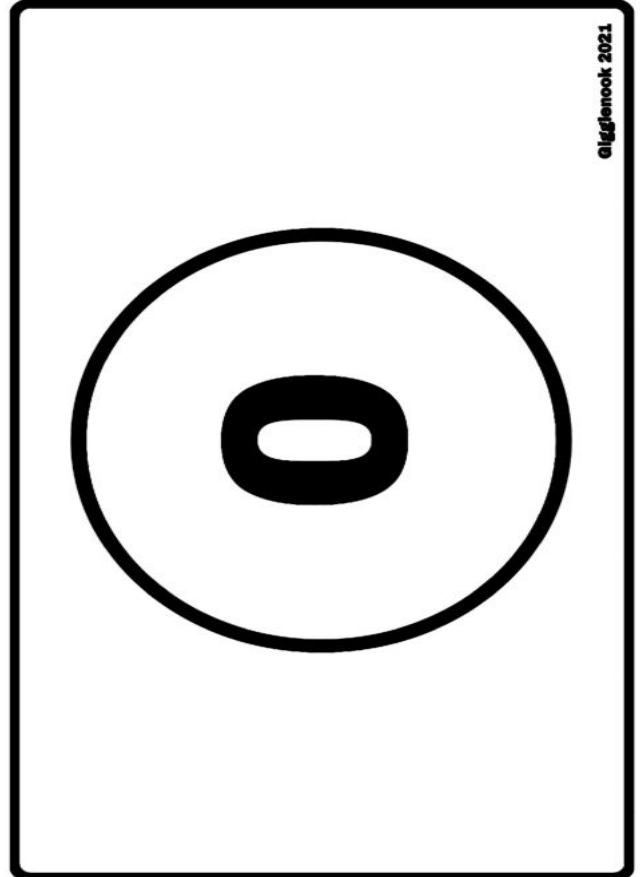
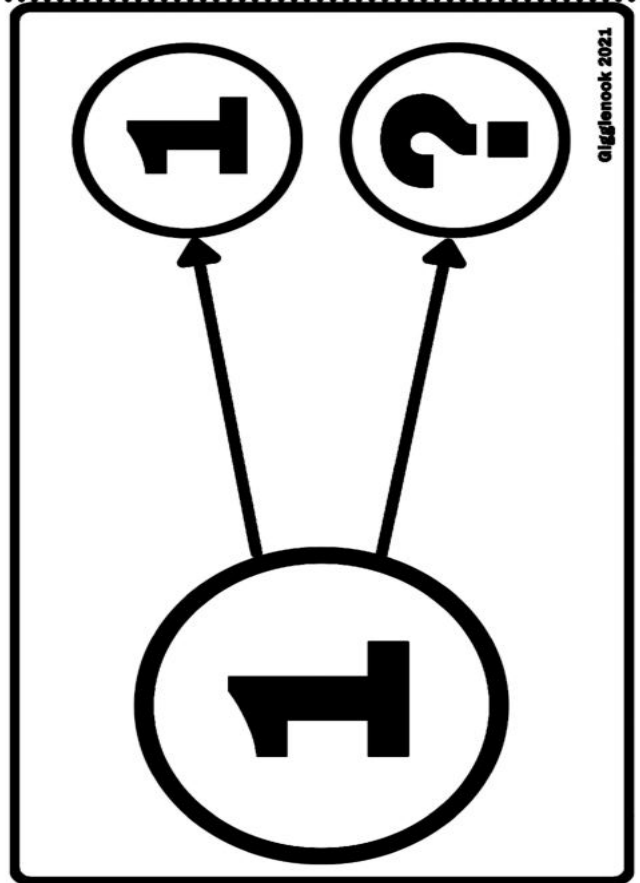
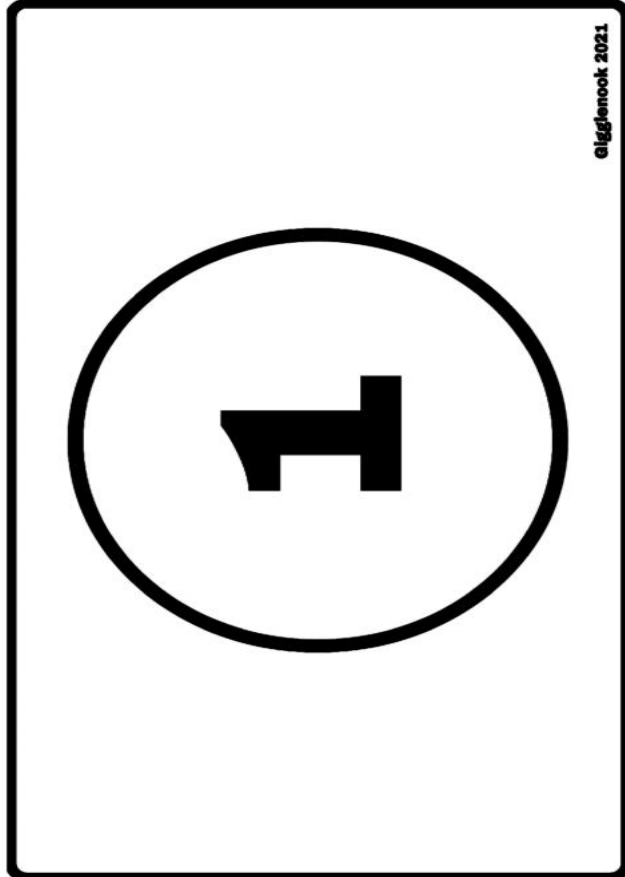
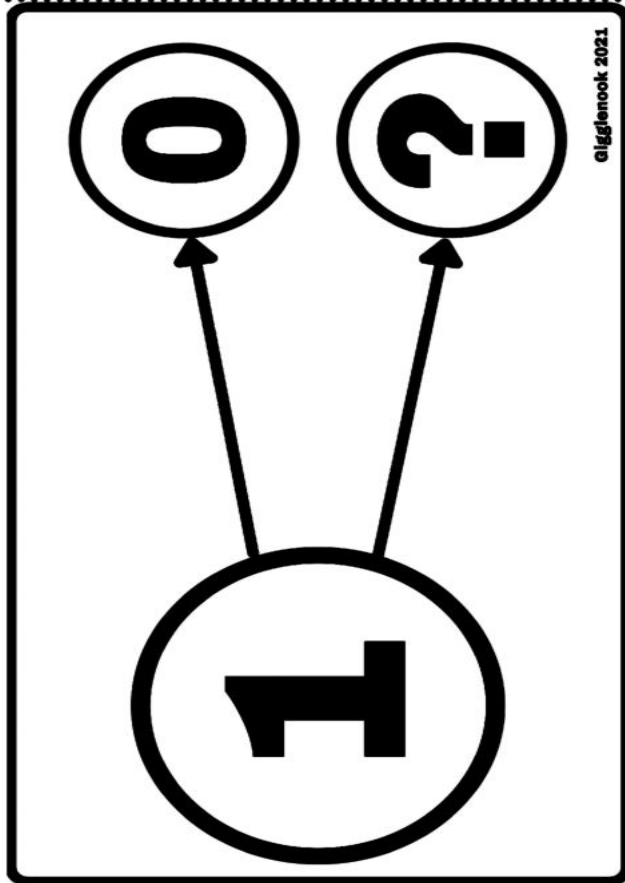
A rectangular card with a thick black border. In the center, the number 2 is written in a large, bold, black font and is enclosed within a large black circle. In the bottom right corner, the text "©igfeneck 2021" is printed in a small, black font.

A rectangular card with a thick black border. At the bottom center, the number 2 is written in a large, bold, black font and is enclosed within a large black circle. Two arrows originate from the top of this circle and point upwards to two smaller black circles. The left circle contains the number 0, and the right circle contains a question mark. In the bottom right corner, the text "©igfeneck 2021" is printed in a small, black font.

A rectangular card with a thick black border. In the center, the number 1 is written in a large, bold, black font and is enclosed within a large black circle. In the bottom right corner, the text "©igfeneck 2021" is printed in a small, black font.

A rectangular card with a thick black border. At the bottom center, the number 2 is written in a large, bold, black font and is enclosed within a large black circle. Two arrows originate from the top of this circle and point upwards to two smaller black circles. The left circle contains the number 1, and the right circle contains a question mark. In the bottom right corner, the text "©igfeneck 2021" is printed in a small, black font.

# NUMBER BONDS



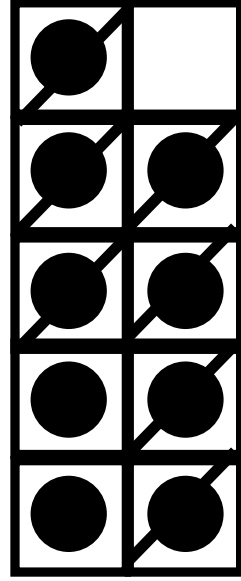
**DIFFERENCES  
OF 1 OR 2  
(TEN FRAME)**

# DIFFERENCES OF 1 OR 2

Students should recognize differences of 1 or 2. They should not have to count but recognize that if the numbers are side by side they will have a difference of 1. They should also recognize numbers that are 2 apart. This takes practice and work with number lines so they have a conceptual understanding of what they are doing.



$$9 - 7$$



[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

2

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



$10 - 9$

●	●	●	●	●	●
●	●	●	●	●	●

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$1$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$7 - 6$

●	●	●	●	●	●
●	●	●	●	●	●

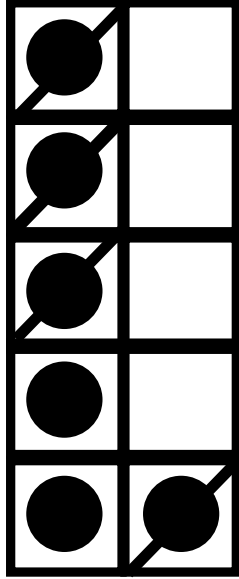
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

$1$

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2

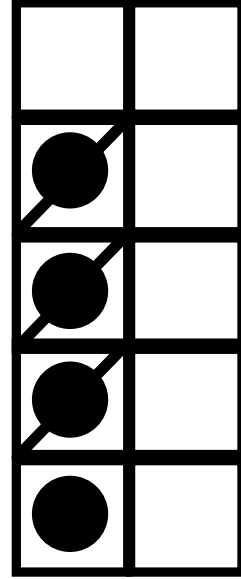
$6 - 4$



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$4 - 3$



www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

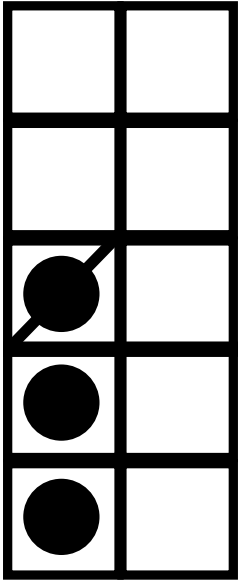

2

1



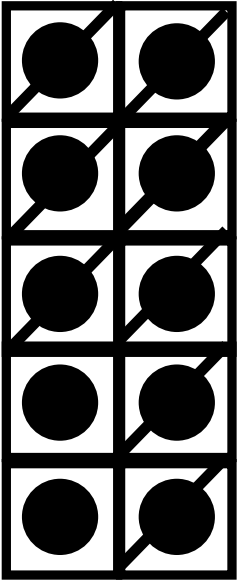

# DIFFERENCES OF 1 or 2



$3 - 1$	
$2$	

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$10 - 8$	
$2$	

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



$8 - 7$

●	●	●	●	●	●
●	●	●	●	●	●

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$7 - 5$

●	●	●	●	●	●
●	●	●	●	●	●

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

2

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 OR 2



$5 - 4$	
$1$	

www.mathfactfluencyplayground.com



$4 - 2$	
$2$	

www.mathfactfluencyplayground.com

# DIFFERENCES OF 1 OR 2



$2 - 1$

●				
●				

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1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$9 - 8$

●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●

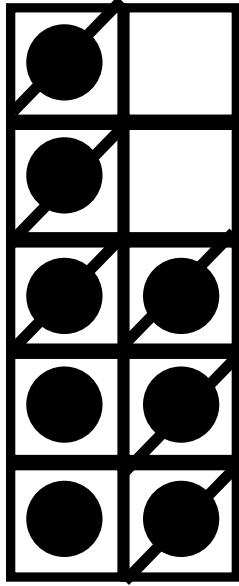
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

1

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2

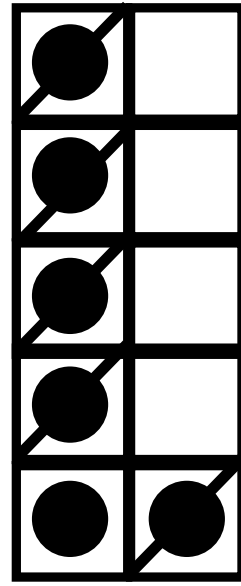
$8 - 6$



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$6 - 5$



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www.mathfactfluencyplayground.com

# 2

# 1

# DIFFERENCES OF 1 OR 2



$5 - 3$

●	●	●	●	●		

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**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



$3 - 2$

●	●	●				

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

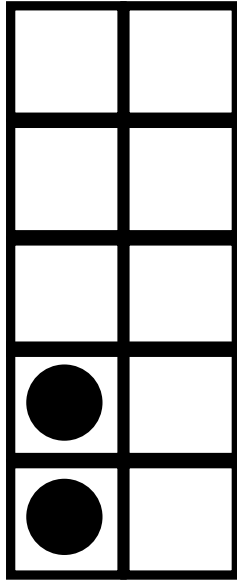
**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



$$2 - 0$$



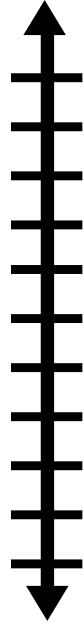
www.mathfactfluencyplayground.com

2

www.mathfactfluencyplayground.com

# DIFFERENCES OF 1 or 2

9 - 7



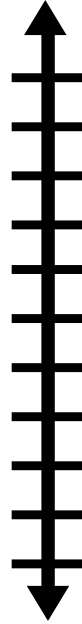
0 1 2 3 4 5 6 7 8 9 10

www.mathfactfluencyplayground.com

2

www.mathfactfluencyplayground.com

10 - 9



0 1 2 3 4 5 6 7 8 9 10

www.mathfactfluencyplayground.com

1

www.mathfactfluencyplayground.com





# DIFFERENCES OF 1 or 2



**7 - 6**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**6 - 4**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



**4 - 3**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**3 - 1**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



**10 - 8**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**8 - 7**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



**7 - 5**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**5 - 4**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



**4 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**2 - 1**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# DIFFERENCES OF 1 or 2



9 - 8

0 1 2 3 4 5 6 7 8 9 10

www.mathfactfluencyplayground.com

1

www.mathfactfluencyplayground.com



8 - 6

0 1 2 3 4 5 6 7 8 9 10

www.mathfactfluencyplayground.com

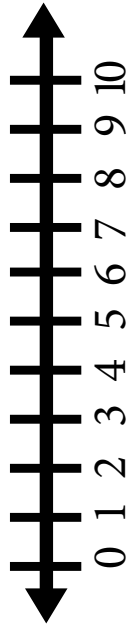
2

www.mathfactfluencyplayground.com

# DIFFERENCES OF 1 or 2



6 - 5

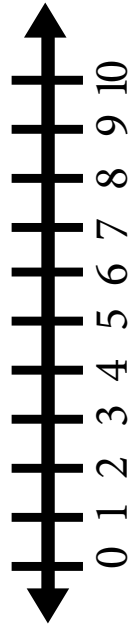


www.mathfactfluencyplayground.com

1

www.mathfactfluencyplayground.com

5 - 3



www.mathfactfluencyplayground.com

2

www.mathfactfluencyplayground.com

# DIFFERENCES OF 1 or 2



**3 - 2**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**1**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**2 - 0**

0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**2**

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



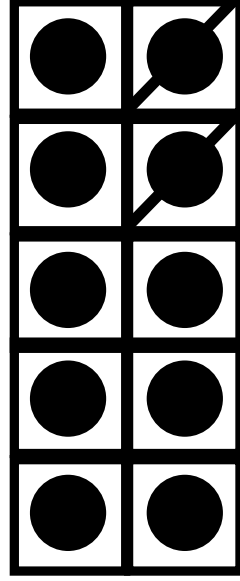
**SUBTRACTING  
WITHIN 10  
(TEN FRAMES)**

# SUBTRACTING WITHIN 10

**In many states, the first grade fluency is addition and subtraction within 10. Students need many concrete, pictorial and abstract activities that help them build a conceptual understanding of subtraction so that they will gain procedural fluency.**



$$10 - 2$$



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8

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# SUBTRACTING WITHIN 10



$10 - 1$

●	●	●	●	●	●
●	●	●	●	●	●

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9

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$10 - 0$

●	●	●	●	●	●
●	●	●	●	●	●

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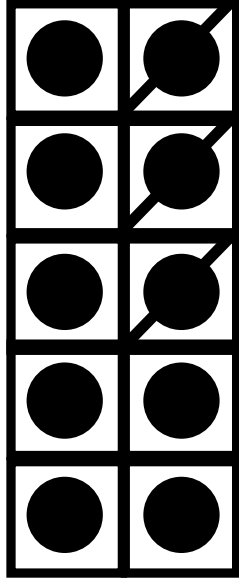
10

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# SUBTRACTING WITHIN 10



$$10 - 3$$



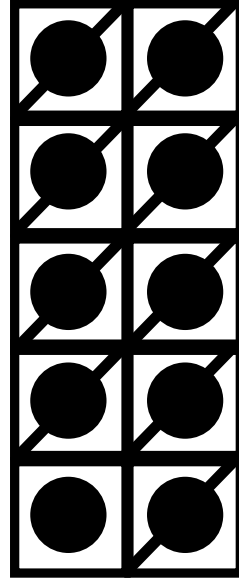
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7



$$10 - 9$$



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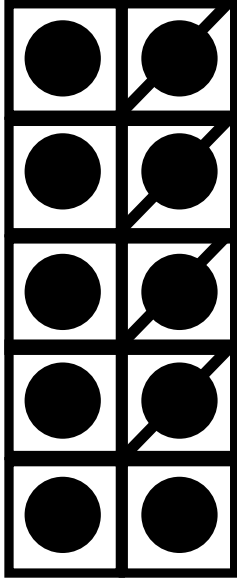
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1

# SUBTRACTING WITHIN 10



$$10 - 4$$



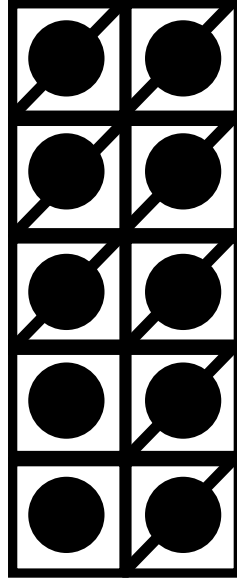
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6



$$10 - 8$$



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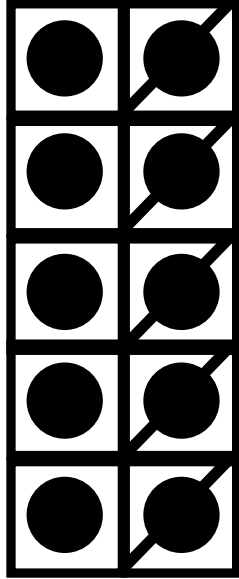
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2

# SUBTRACTING WITHIN 10



$$10 - 5$$



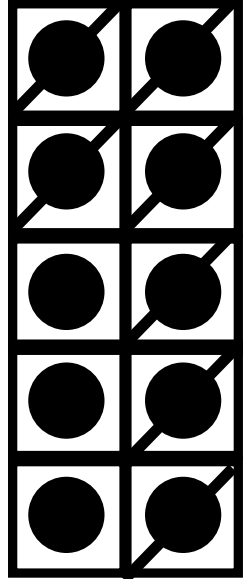
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5

www.mathfactfluencyplayground.com



$$10 - 7$$



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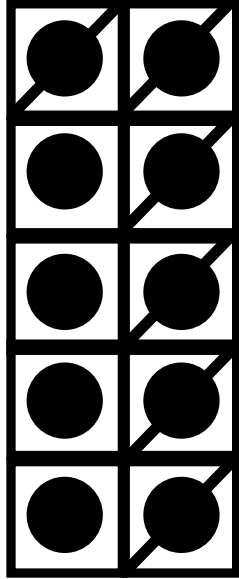
3

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# SUBTRACTING WITHIN 10



$$10 - 6$$



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# SUBTRACTING WITHIN 10



$$10 - 2$$

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8

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$$10 - 1$$

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9

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# SUBTRACTING WITHIN 10



$10 - 0$	$10$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$10 - 3$	$7$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 10



$10 - 9$	$1$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$10 - 4$	$6$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 10



$10 - 8$	2
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$10 - 5$	5
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING WITHIN 10



$10 - 7$	$3$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$10 - 6$	$4$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# MISSING NUMBERS TO 10



$$5 - ? = 3$$



0 1 2 3 4 5 6 7 8 9 10

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2

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*\*Look for doubles and make ten facts first*

$$8 - ? = 5$$



0 1 2 3 4 5 6 7 8 9 10

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3

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# MISSING NUMBERS TO 10



$$3 - ? = 3$$



0 1 2 3 4 5 6 7 8 9 10

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[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



**\*Look for doubles and make ten facts first**

$$7 - ? = 6$$



0 1 2 3 4 5 6 7 8 9 10

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[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# MISSING NUMBERS TO 10



$$9 - ? = 5$$



0 1 2 3 4 5 6 7 8 9 10

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4

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



*\*Look for doubles and make ten facts first*

$$8 - ? = 5$$



0 1 2 3 4 5 6 7 8 9 10

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6

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# MISSING NUMBERS TO 10

$$10 - ? = 5$$



0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

5

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

**\*Look for doubles and make ten facts first**

$$8 - ? = 1$$



0 1 2 3 4 5 6 7 8 9 10

[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

7

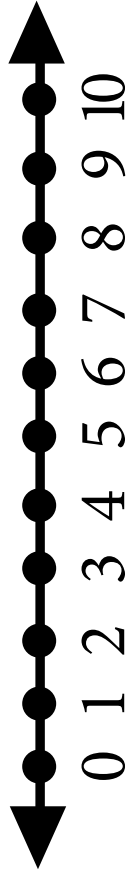
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# MISSING NUMBERS TO 10



$$9 - ? = 0$$



0 1 2 3 4 5 6 7 8 9 10

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**\*Look for doubles and make ten facts first**

$$9 - ? = 1$$



0 1 2 3 4 5 6 7 8 9 10

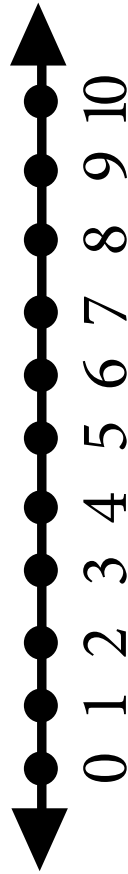
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[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# MISSING NUMBERS TO 10



10 - ? = 10



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10

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# BE SURE TO CHECK OUT OTHER FLUENCY ACTIVITIES AT [WWW.MATHFACTFLUENCYPLAYGROUND.COM](http://WWW.MATHFACTFLUENCYPLAYGROUND.COM)



Q Try Addition or Addition Board Games...

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GRADE LEVEL

TOPICS

CONTENT

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BOOKS

TEACHER STUDIO

Fluency Doesn't Just Happen. It is a well-planned journey!



## A GIFT FOR YOU

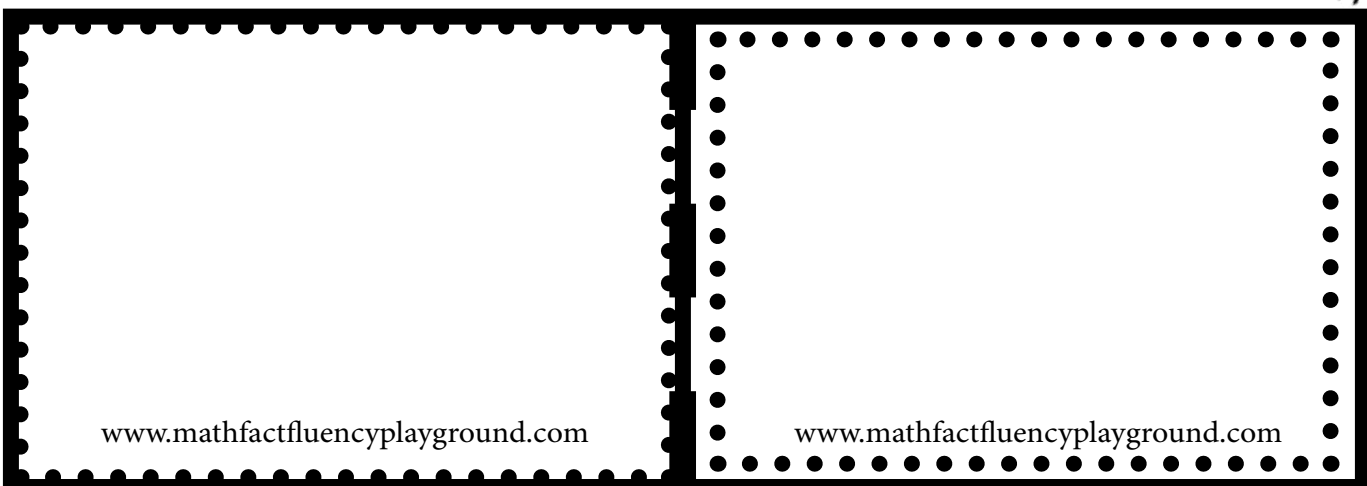
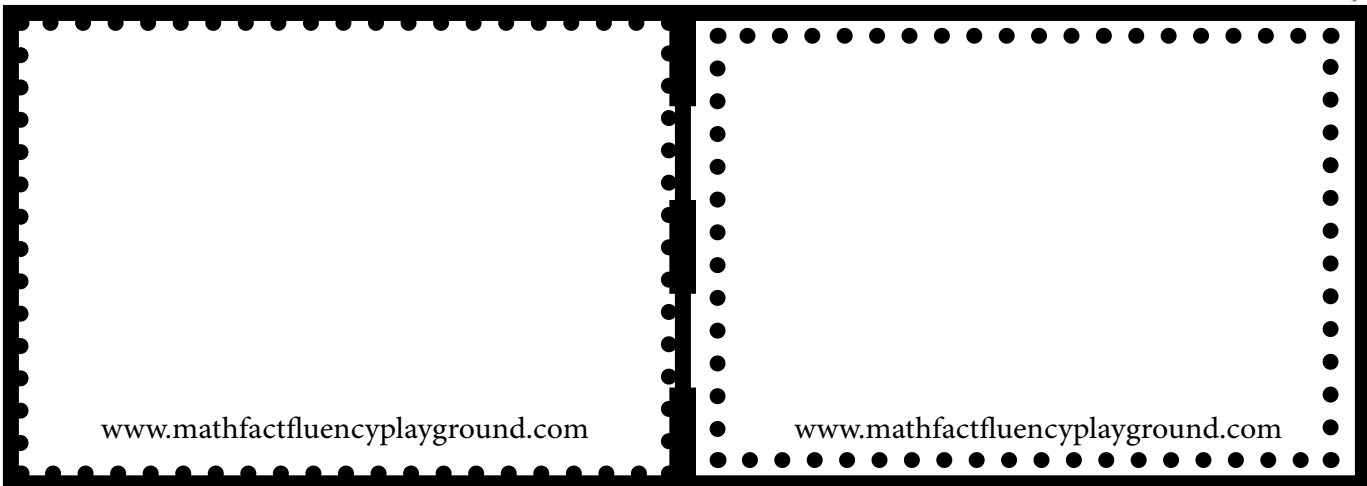
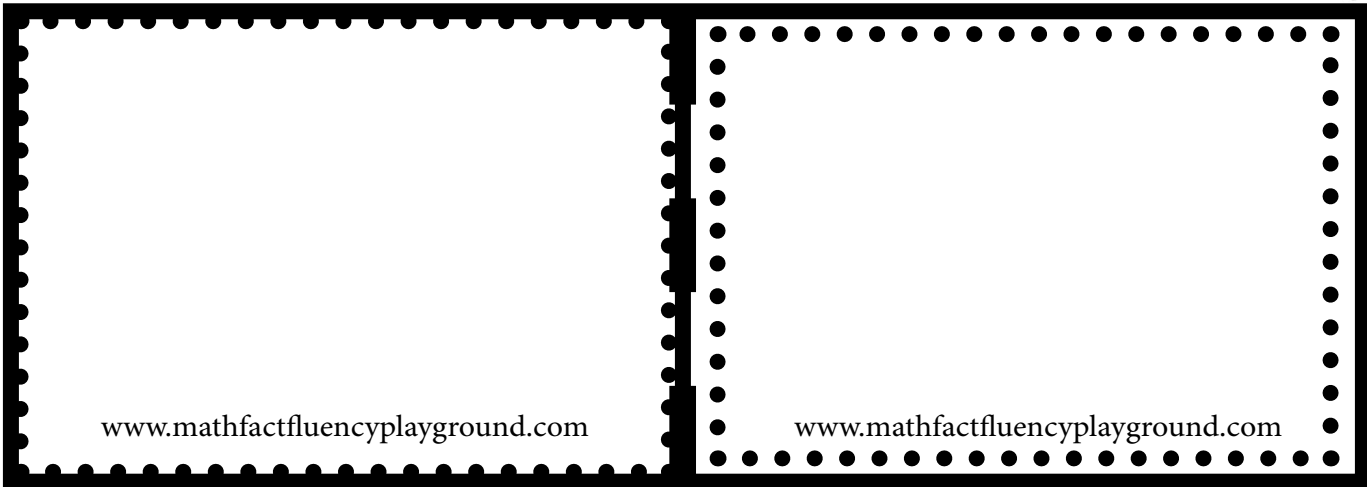
Thank you so much for buying this book!  
We have a gift for your child. Use this code to get  
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and continue practicing their math facts!

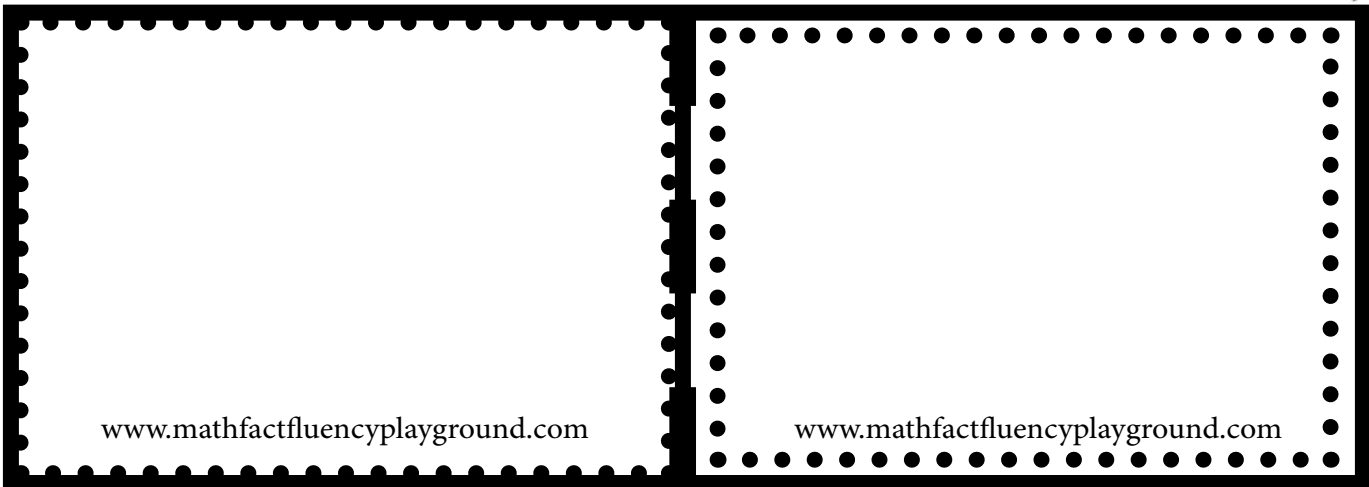
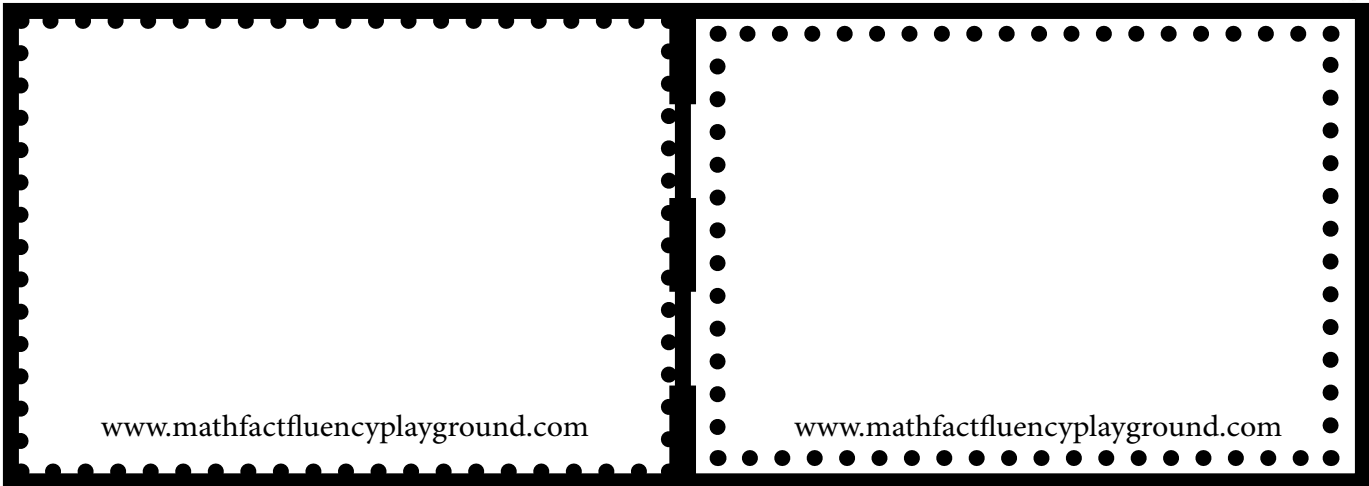
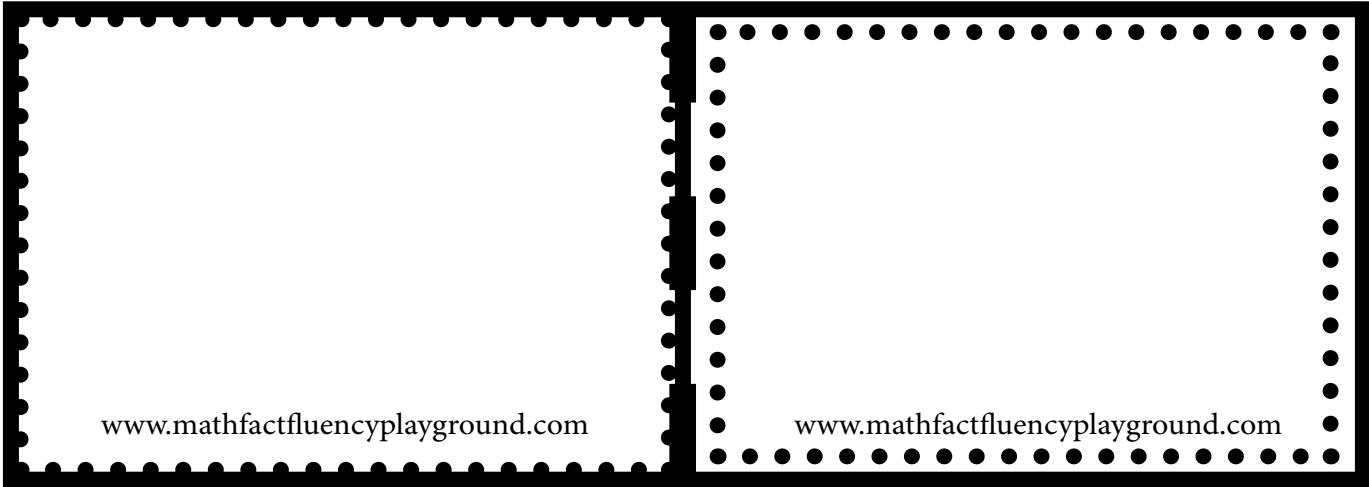
Open the camera on your phone  
(just like if you are going to take a picture.)  
Hold the phone over the qr code (picture  
here on the right.) Tap the link that appears  
on your screen for your free download.

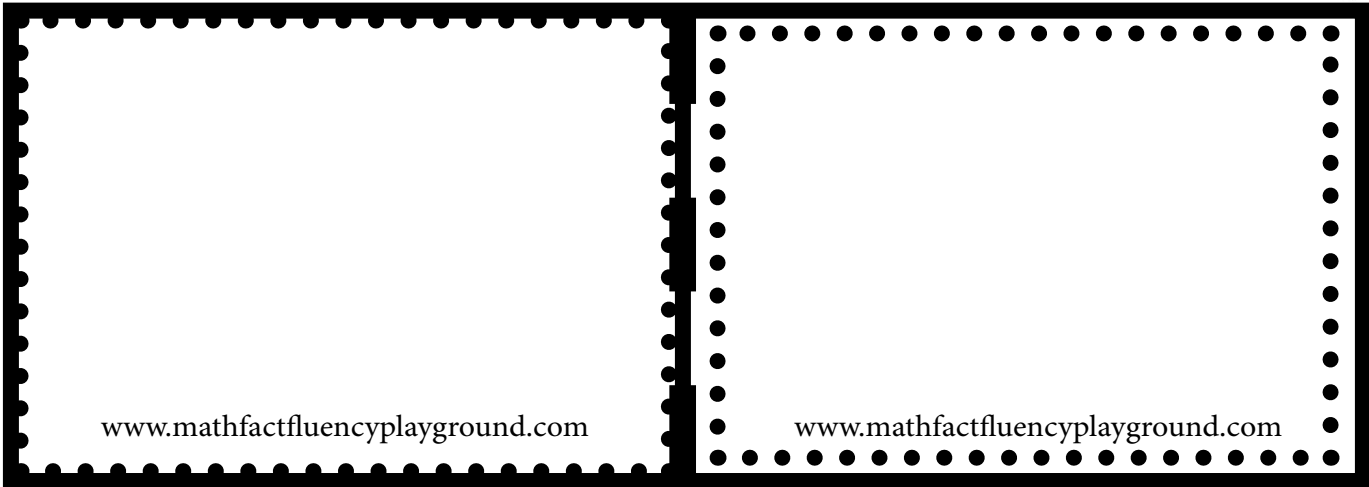
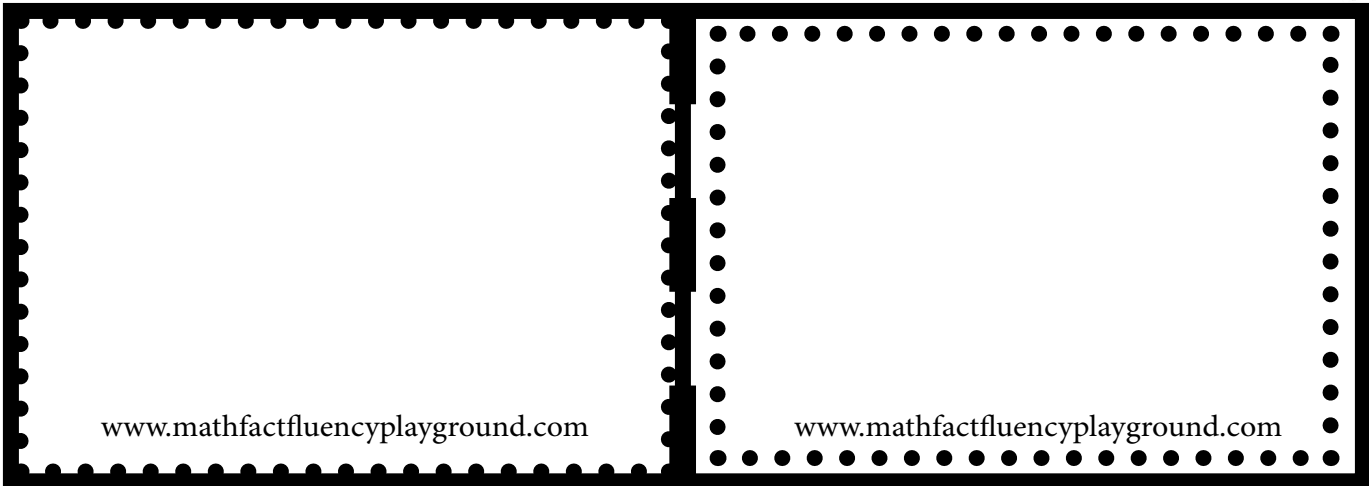
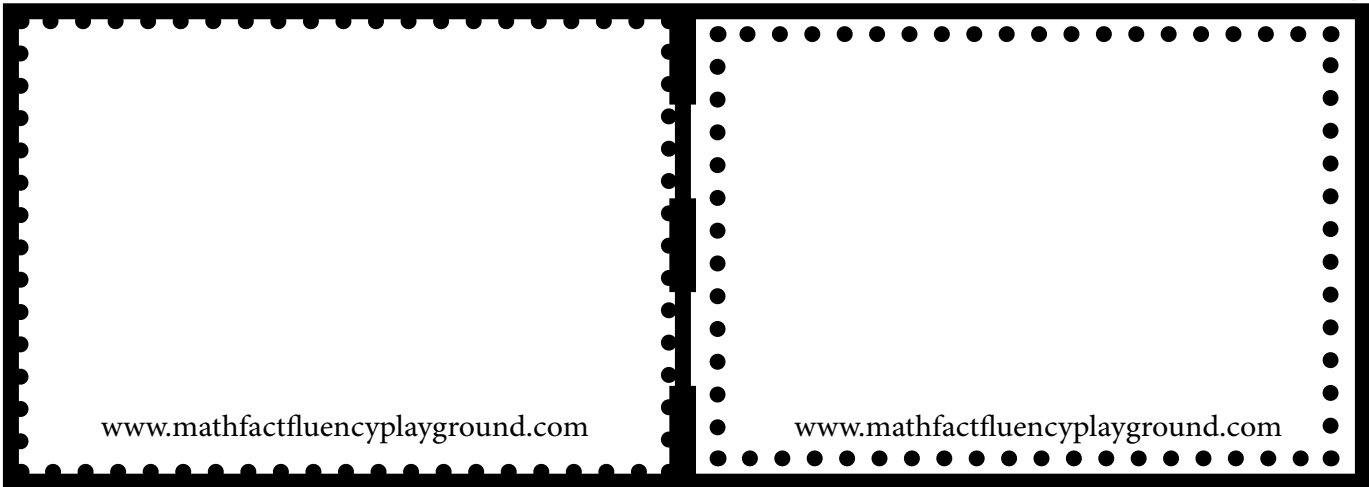


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OWN  
MATH  
FLASHCARDS**



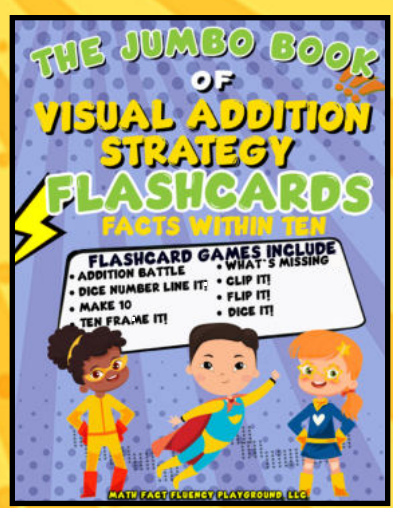
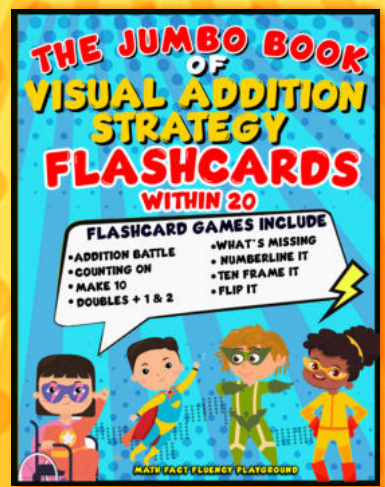
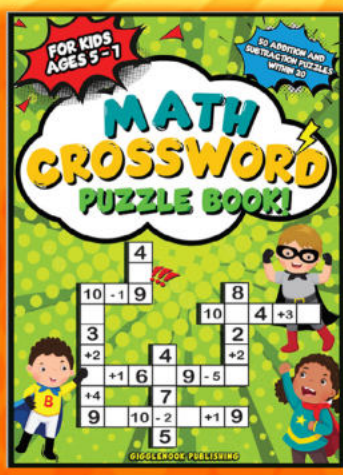






This activity book was created to help students with their basic addition and subtraction facts. It is a fun and engaging way for students to practice their fundamental math facts. Purposeful, intentional practice read over time helps students to learn their facts.

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