

# THE JUMBO BOOK OF

## VISUAL SUBTRACTION STRATEGY

# FLASHCARDS

## FACTS WITHIN TWENTY

### FLASHCARD GAMES INCLUDE

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



**THE JUMBO BOOK  
OF VISUAL  
SUBTRACTION  
STRATEGY  
FLASHCARDS  
WITHIN 20**

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

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To contact the author the 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

# TABLE OF CONTENTS

<b>INTRODUCTION</b>	_____	<b>p.1</b>
<b>BOOK BELONGS TO</b>	_____	<b>p.2</b>
<b>HOW TO PLAY</b>	_____	<b>p.3</b>
<b>TRACK YOUR STRATEGY</b>	_____	<b>p.4</b>
<b>SUBTRACTING 0 (NUMBERLINE)</b>	_____	<b>p.5</b>
<b>SUBTRACTING 1 (10 FRAME)</b>	_____	<b>p.17</b>
<b>SUBTRACTING WITHIN 5 (NUMBER PATH)</b>	_____	<b>p.29</b>
<b>SUBTRACTING WITHIN 5 (5 FRAME)</b>	_____	<b>p.38</b>
<b>HALF FACTS (TEN FRAME)</b>	_____	<b>p.55</b>
<b>COUNTING BACK 1,2,3 (NUMBER LINE)</b>	_____	<b>p.89</b>
<b>BRIDGING 10</b>	_____	<b>p.90</b>
<b>SUBTRACTING A NUMBER FROM ITSELF</b>	_____	<b>p.119</b>
<b>CLIP CARDS</b>	_____	<b>p.137</b>
<b>NUMBER BOND</b>	_____	<b>p.144</b>
<b>DIFFERENCES OF 1 OR 2 (TEN FRAME)</b>	_____	<b>p.156</b>
<b>SUBTRACTING WITHIN 10 (10 FRAME)</b>	_____	<b>p.176</b>
<b>SUBTRACTING 10 FROM A NUMBER</b>	_____	<b>p.188</b>
<b>SUBTRACTING WITHIN 20</b>	_____	<b>p.200</b>
<b>SUBTRACTING FROM 20</b>	_____	<b>p.222</b>

# **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.**

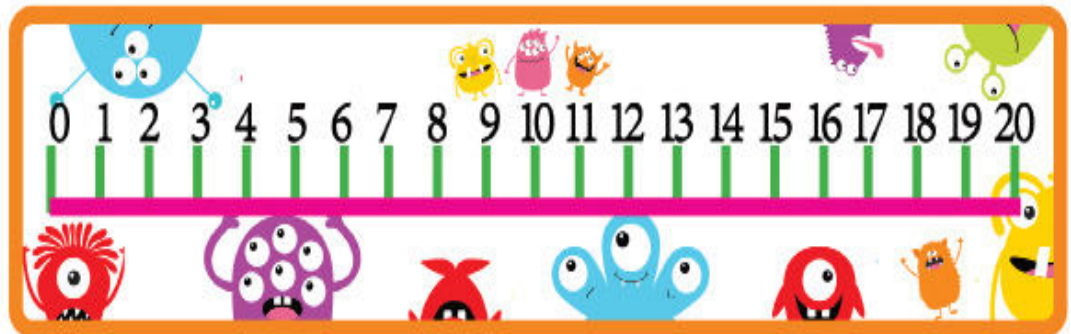
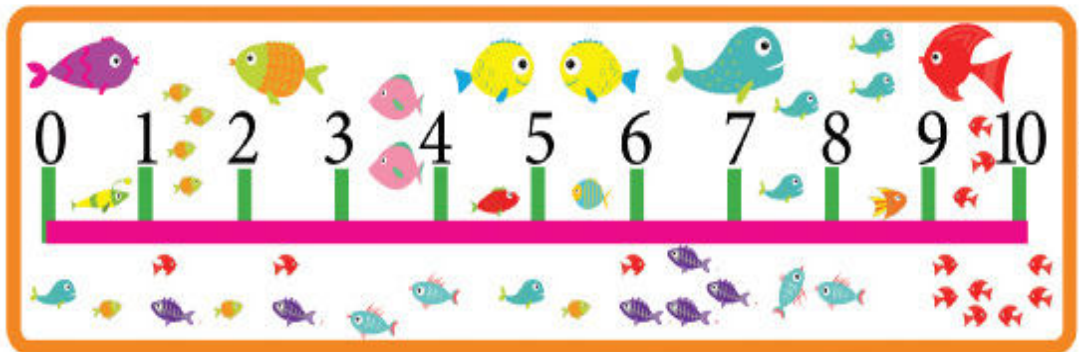
**HAPPY MATHING!**





**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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TEACHERS CAN JOIN OUR FREE  
MEMBERSHIP AND GET PLENTY OF  
ACTIVITIES TO HELP  
YOU LEARN MORE.**



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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).

SUBTRACTING 1 FROM A NUMBER  
 $5 - 1$

SUBTRACTING 0 FROM A NUMBER  
 $4 - 0$

SUBTRACTING WITHIN 5  
 $3 - 2$

LOWER HALF FACTS  
 $10 - 5$

DIFFERENCES OF 1 OR 2  
 $10 - 8$

SUBTRACTING A NUMBER FROM ITSELF  
 $8 - 8$

COUNTING BACK 1, 2 OR 3  
 $8 - 2$

SUBTRACTING WITHIN 10  
 $9 - 7$

SUBTRACTING FROM 10  
 $10 - 3$

YAY! I CAN SUBTRACT WITHIN 10!

SUBTRACTING HARDER FACTS  
 $15 - 8$

SUBTRACTING ONES FROM A TEEN NUMBER  
 $19 - 9$

SUBTRACTING 10 FROM A TEEN NUMBER  
 $19 - 10$

TAKE FROM 20  
 $20 - 8$

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



# VISUAL SUBTRACTION STRATEGY FLASHCARDS

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

<p>2 - 0</p> <p>0 1 2 3 4 5 6 7 8 9 10</p> <p>www.mathfactfluencyplayground.com</p>	<p>2</p> <p>www.mathfactfluencyplayground.com</p>
---	---

<p>4 - 4</p> <table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table> <p>www.mathfactfluencyplayground.com</p>	1	2	3	4	5	<p>0</p> <p>www.mathfactfluencyplayground.com</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.**

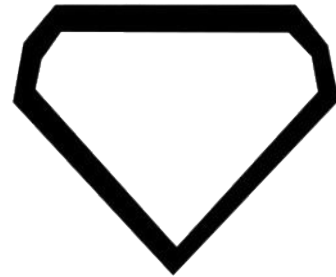


# KEEP TRACK OF YOUR STRATEGY PRACTICE!

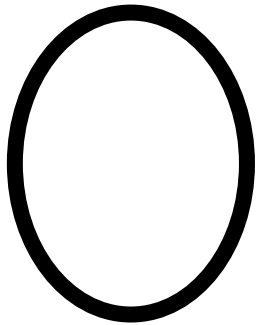
**SUBTRACTING 0**



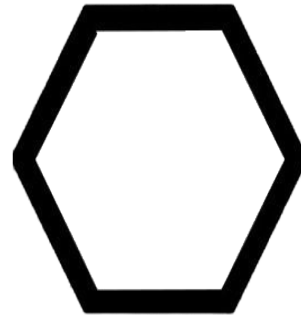
**SUBTRACTING 1**



**SUBTRACTING WITHIN 5**



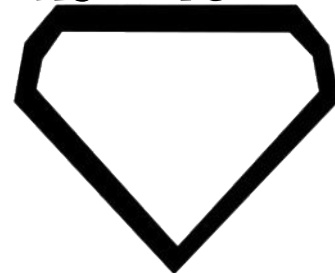
**LOWER HALF FACTS**



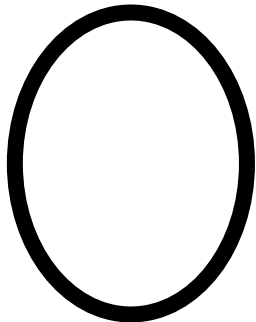
**COUNTING BACK 1,2,3**



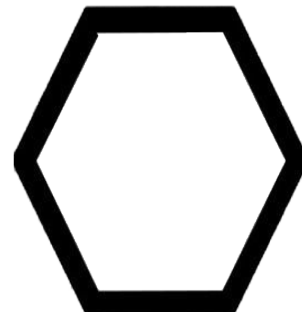
**SUBTRACTING A NUMBER FROM ITSELF**



**SUBTRACTING WITHIN 10**



**DIFFERENCES OF 1 OR 2**



**SUBTRACTING**  
**0**  
**(NUMBER LINE)**

# 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 - 0

0 1 2 3 4 5 6 7 8 9 10

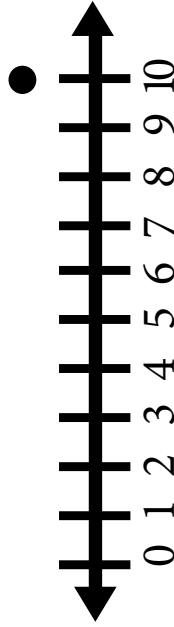
www.mathfactfluencyplayground.com

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# SUBTRACTING 0

10 - 0

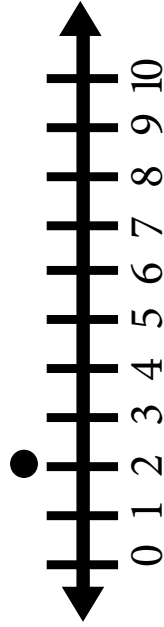


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10

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2 - 0



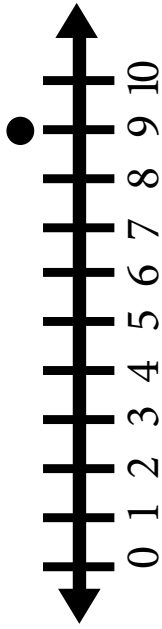
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2

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# SUBTRACTING 0

$$9 - 0$$

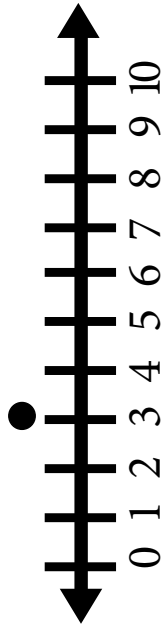


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9

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$$3 - 0$$



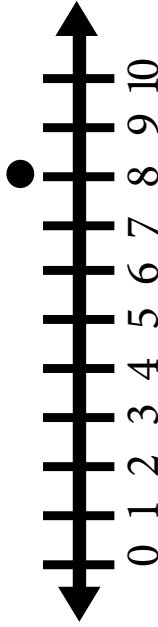
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3

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# SUBTRACTING 0

$$8 - 0$$

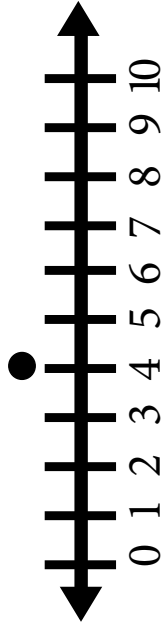


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8

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$$4 - 0$$



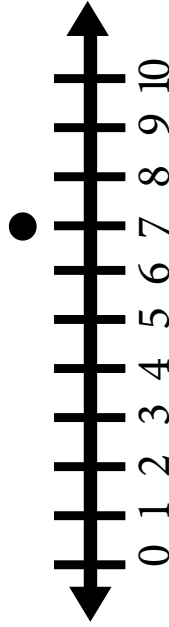
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4

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# SUBTRACTING 0

7 - 0

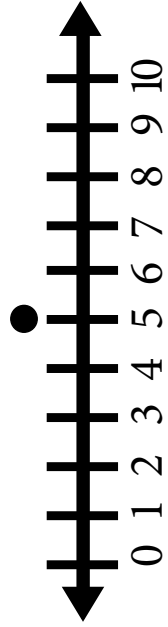


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7

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5 - 0



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

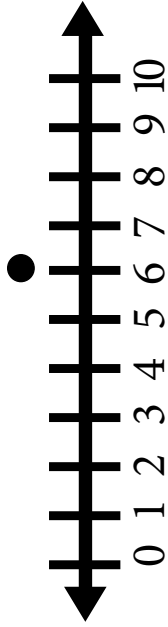
5

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# SUBTRACTING 0



$$6 - 0$$



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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



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



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

# 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)

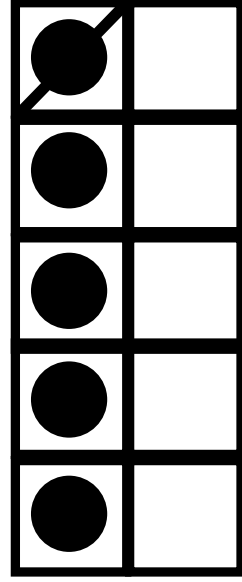
**SUBTRACTING**  
**1**  
**(10 FRAME)**

# SUBTRACTING 1

**Subtracting 1 is an important concept. Students should understand that it is 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

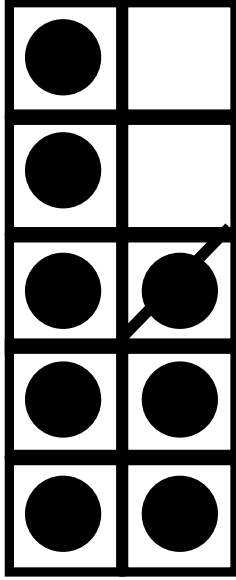
1

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$8 - 1$$



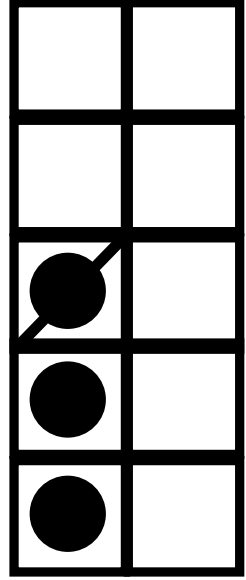
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7

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$$3 - 1$$



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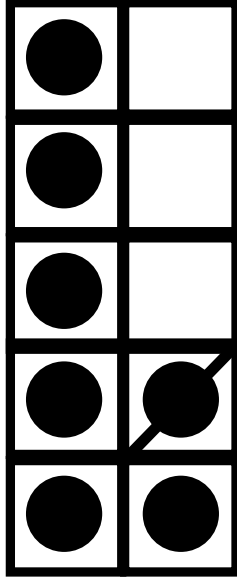
2

www.mathfactfluencyplayground.com

# SUBTRACTING 1



$$7 - 1$$



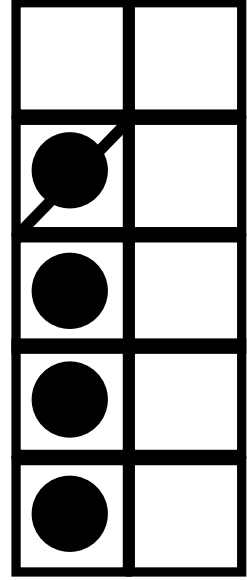
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6

www.mathfactfluencyplayground.com



$$4 - 1$$



www.mathfactfluencyplayground.com

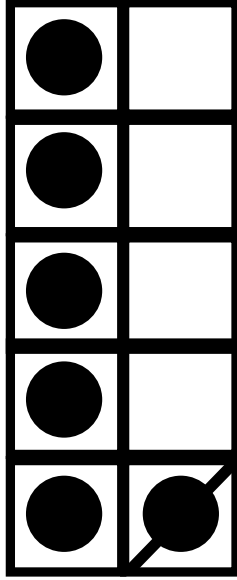
3

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# SUBTRACTING 1



$$6 - 1$$



www.mathfactfluencyplayground.com

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

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0

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



9 - 1

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

8

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

$$3$$

www.mathfactfluencyplayground.com



$$6 - 1$$

www.mathfactfluencyplayground.com

$$5$$

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
---	---	---	---	---

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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**

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# SUBTRACTING WITHIN 5



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

**3 - 1**

**2**

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



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

**5 - 4**

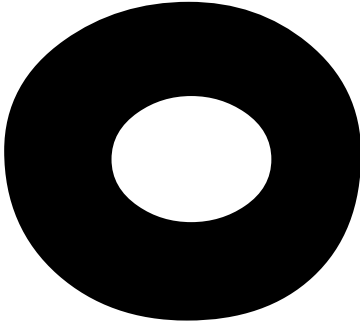
**1**

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# SUBTRACTING WITHIN 5



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www.mathfactfluencyplayground.com

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

**3 - 3**

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

**4 - 3**



# SUBTRACTING WITHIN 5



1

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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



0

www.mathfactfluencyplayground.com



1

www.mathfactfluencyplayground.com

2 - 2

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

www.mathfactfluencyplayground.com

2 - 1

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

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



$$4 - 3$$



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[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**

--	--	--	--	--

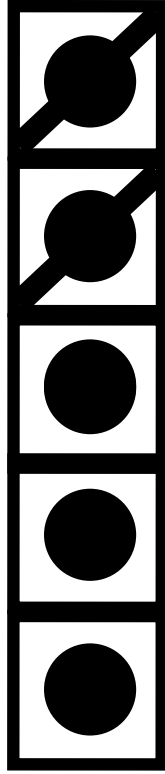
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

[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

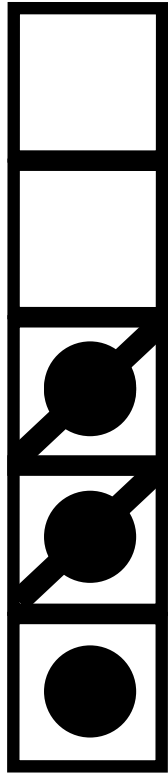
www.mathfactfluencyplayground.com



# SUBTRACTING WITHIN 5



$$3 - 2$$



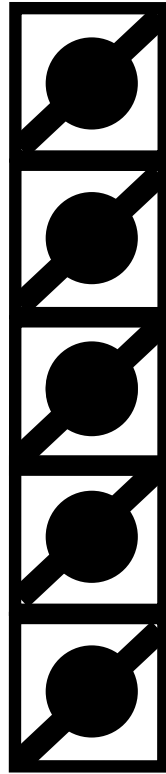
www.mathfactfluencyplayground.com



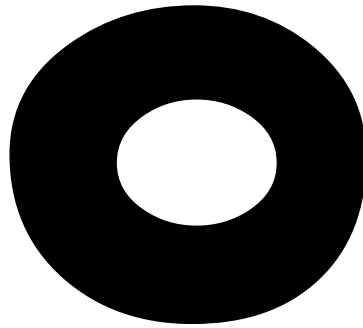
www.mathfactfluencyplayground.com



$$5 - 5$$



www.mathfactfluencyplayground.com



www.mathfactfluencyplayground.com

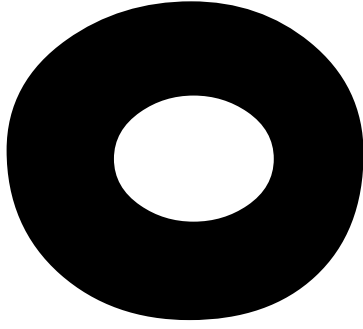
# SUBTRACTING WITHIN 5



$$2 - 2$$

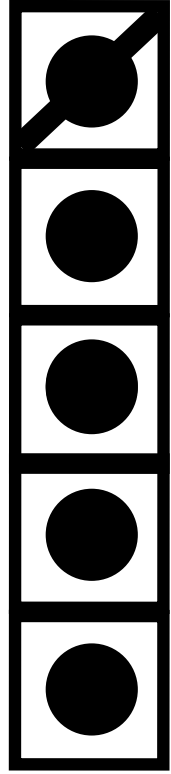


www.mathfactfluencyplayground.com

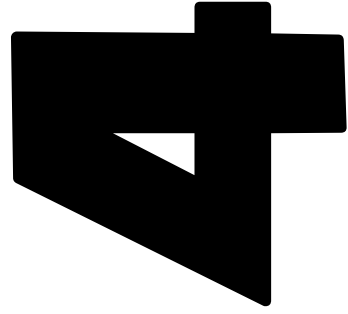


www.mathfactfluencyplayground.com

$$5 - 1$$



www.mathfactfluencyplayground.com

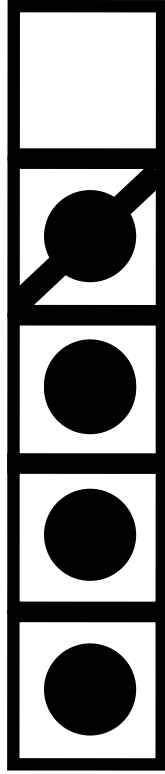


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# SUBTRACTING WITHIN 5



$$4 - 1$$



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3

www.mathfactfluencyplayground.com



$$3 - 1$$



www.mathfactfluencyplayground.com

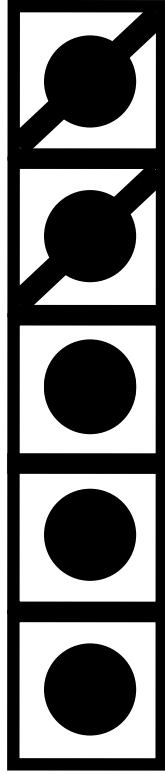
2

www.mathfactfluencyplayground.com

# SUBTRACTING WITHIN 5



$$5 - 2$$



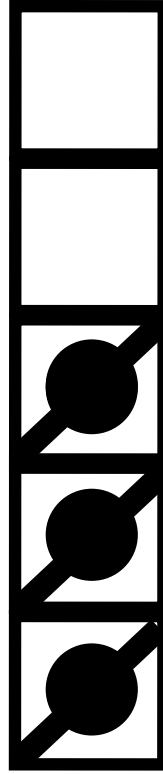
www.mathfactfluencyplayground.com

3

www.mathfactfluencyplayground.com



$$3 - 3$$



www.mathfactfluencyplayground.com

0

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>



# **HALF FACTS**

# 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.**



**18 - 9**

●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●

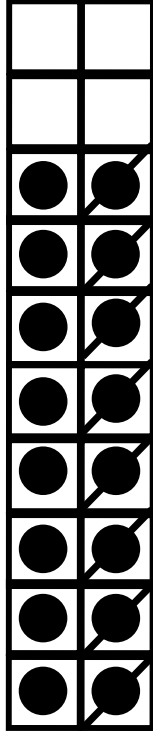
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**9**

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# HALF FACTS

$$16 - 8$$

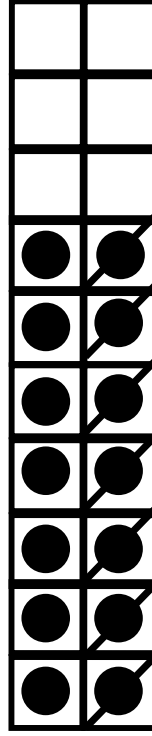


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8

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$$14 - 7$$



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7

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# HALF FACTS



**18 - 9**

●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●

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**9**

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**20 - 10**

●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●

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**10**

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



# HALF FACTS



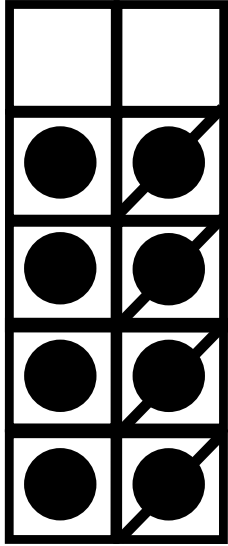
$4 - 2$	
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



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

# HALF FACTS

$8 - 4$

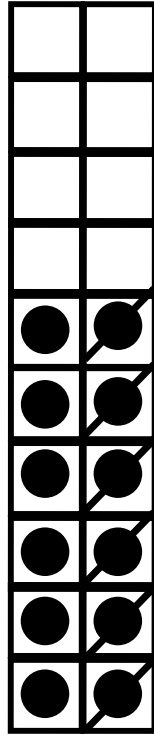


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4

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$12 - 6$



www.mathfactfluencyplayground.com

6

www.mathfactfluencyplayground.com

# HALF FACTS



$6 - 3$	<table border="1"><tr><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr><tr><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr></table>	●	●	●	●	●	●	●	●	●	●	●	●
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●	●	●	●	●	●								
$3$													

# HALF FACTS



<b>18 - 9</b>	<b>9</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>12 - 6</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# HALF FACTS



$$20 - 10$$

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$$10$$

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



$$14 - 7$$

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

$$7$$

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

# HALF FACTS



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



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

# HALF FACTS



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



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

# HALF FACTS



$$16 - 8$$

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$$8$$

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



**COUNTING  
BACK 1,2,3**

# 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 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.**



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$20 - 1$

$19$

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# COUNTING BACK 1,2,3



12 - 1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com



13 - 2

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



**17 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**16**

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



**16 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**14**

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

# COUNTING BACK 1,2,3



20 - 3



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17

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20 - 2



www.mathfactfluencyplayground.com

18

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



15 - 1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

14

www.mathfactfluencyplayground.com



16 - 1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

15

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



20 - 1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

19

www.mathfactfluencyplayground.com



19 - 1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

18

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



**18 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**16**

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



**14 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**12**

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



# COUNTING BACK 1,2,3



**19 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

**16**

www.mathfactfluencyplayground.com



**15 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

**13**

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



**15 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**14**

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



**17 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**15**

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

# COUNTING BACK 1,2,3



**19 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

**17**

www.mathfactfluencyplayground.com



**17 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

**15**

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



**14 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**13**

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



**18 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**16**

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

# COUNTING BACK 1,2,3



**16 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**13**

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



**20 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**19**

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

# COUNTING BACK 1,2,3



**17 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**15**

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



**20 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**18**

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

# COUNTING BACK 1,2,3



**17 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**16**

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



**18 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**16**

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

# COUNTING BACK 1,2,3



**17 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**14**

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



**20 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**17**

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



# COUNTING BACK 1,2,3



**18 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

**16**

www.mathfactfluencyplayground.com



**20 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

**19**

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



**14 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**12**

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



**19 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**18**

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

# COUNTING BACK 1,2,3



**14 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**11**

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



**15 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**12**

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

# COUNTING BACK 1,2,3



**19 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**17**

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



**15 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**14**

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

# COUNTING BACK 1,2,3



19 - 3

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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16

www.mathfactfluencyplayground.com



15 - 5

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

www.mathfactfluencyplayground.com

10

www.mathfactfluencyplayground.com

# COUNTING BACK 1,2,3



**16 - 1**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**15**

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



**16 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**13**

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

# COUNTING BACK 1,2,3



**20 - 2**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**18**

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



**18 - 3**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**15**

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

# **BRIDGING 10**



# BRIDGING 10

**Bridging 10 is a tricky concept for many students. It is important to work concretely, pictorially and abstractly with these concepts. Notice that these cards help students learn how to bridge through ten, when counting back.**



**12 - 9**



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**3**

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# BRIDGING 10



$$15 - 7$$



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8

www.mathfactfluencyplayground.com



$$12 - 9$$



www.mathfactfluencyplayground.com

3

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# BRIDGING 10



$$11 - 3$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

8

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



$$11 - 6$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

5

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

# BRIDGING 10



**12 - 8**



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

**4**

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



**13 - 9**



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

**4**

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

# BRIDGING 10



**12 - 5**



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

**7**

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



**15 - 9**



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

**6**

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

# BRIDGING 10



$$14 - 8$$



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



$$16 - 9$$



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

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# BRIDGING 10



$$13 - 8$$



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$$16 - 8$$



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# BRIDGING 10



**14 - 8**



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



**16 - 9**



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**7**

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



# BRIDGING 10



$$15 - 8$$



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



$$12 - 6$$



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

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

# BRIDGING 10



$$11 - 9$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

$$2$$

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



$$13 - 6$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

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

# BRIDGING 10



**16 - 8**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**8**

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



**13 - 5**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**8**

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

# BRIDGING 10



**17 - 8**



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

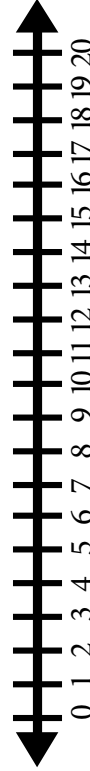
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

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



**14 - 9**



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

**5**

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

# BRIDGING 10



$$16 - 7$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

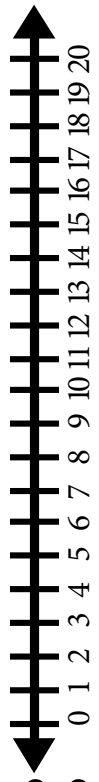
www.mathfactfluencyplayground.com

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$$11 - 8$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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www.mathfactfluencyplayground.com

# BRIDGING 10



$$13 - 5$$

www.mathfactfluencyplayground.com

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$$11 - 8$$

www.mathfactfluencyplayground.com

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# BRIDGING 10



14 - 6

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

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



16 - 7

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

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

# BRIDGING 10



<b>13 - 8</b>	<b>5</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>17 - 8</b>	<b>9</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



# BRIDGING 10



$15 - 7$	$8$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$12 - 9$	$3$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



	<b>11</b>	<b>-</b>	<b>3</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>			
<b>8</b>			
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>			



	<b>11</b>	<b>-</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>			
<b>5</b>			
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>			

# BRIDGING 10



<b>12 - 8</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>13 - 9</b>	<b>4</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



<b>12 - 6</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>15 - 9</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



<b>13 - 6</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>16 - 9</b>	<b>7</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



14 - 9

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

5

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



12 - 5

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

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

# BRIDGING 10



<b>14 - 8</b>	<b>6</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>16 - 8</b>	<b>8</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



<b>12 - 4</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>8</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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<b>15 - 8</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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# BRIDGING 10



$11 - 9$	$2$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$17 - 9$	$8$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



<b>12 - 4</b>	<b>8</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



<b>15 - 7</b>	<b>8</b>
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



$11 - 9$	$2$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



$17 - 8$	$9$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# BRIDGING 10



15 - 6

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

9

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

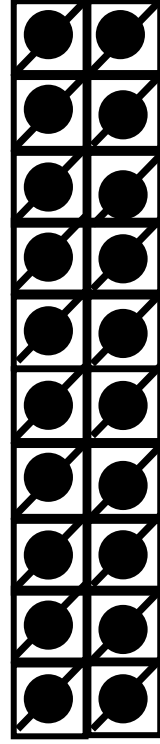
**SUBTRACTING  
A NUMBER  
FROM ITSELF**

# SUBTRACTING A NUMBER FROM ITSELF

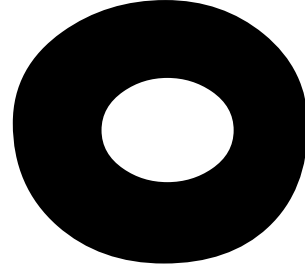
Students should recognize that when they subtract a number from itself, the answer will always be zero. Students should explain their thinking.



$$20 - 20$$



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

# SUBTRACTING A NUMBER FROM ITSELF



$4 - 4$

●	●	●	●		
●	●	●	●		

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

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



$11 - 11$

●	●	●	●	●	●		
●	●	●	●	●	●		

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

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

# SUBTRACTING A NUMBER FROM ITSELF



$8 - 8$

●	●	●	●	●	●
●	●	●	●	●	●

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

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



$15 - 15$

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

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



# SUBTRACTING A NUMBER FROM ITSELF



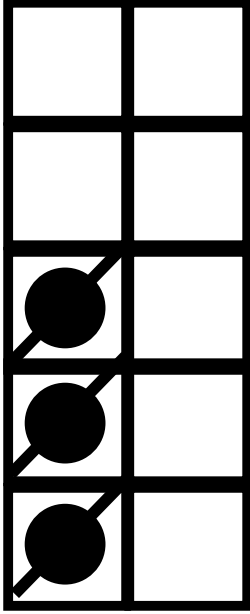
$6 - 6$		
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

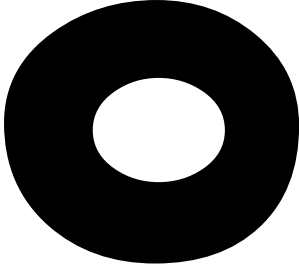


$19 - 19$		
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

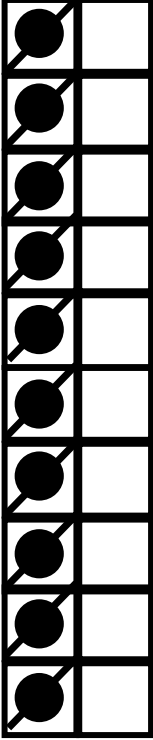
# SUBTRACTING A NUMBER FROM ITSELF

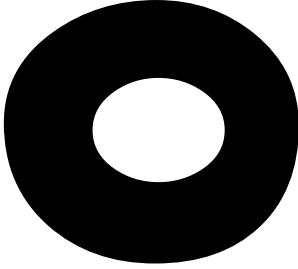


$3 - 3$	
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



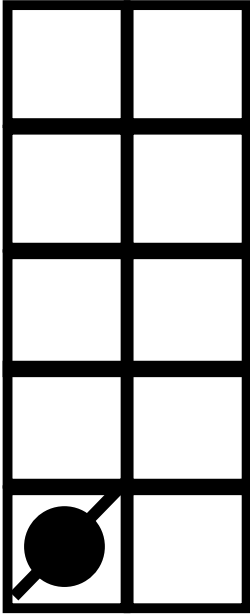
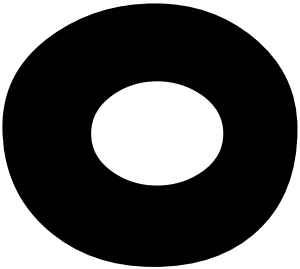


$10 - 10$	
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

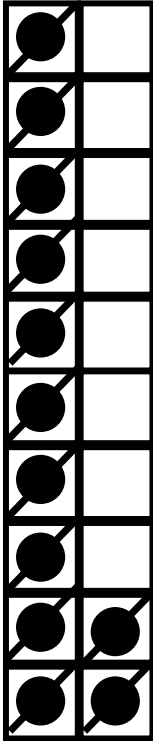
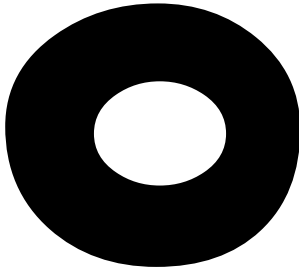


# SUBTRACTING A NUMBER FROM ITSELF



$1 - 1$		
<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>



$12 - 12$		
<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>

# SUBTRACTING A NUMBER FROM ITSELF



$5 - 5$

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



$16 - 16$

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●	●	●	●	●	●	●	●	●	●		

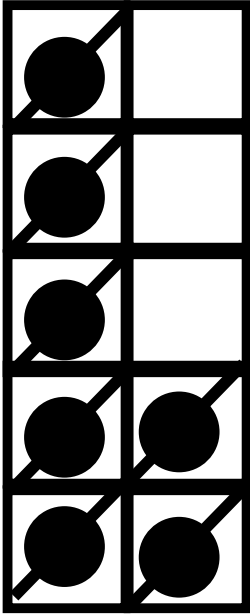
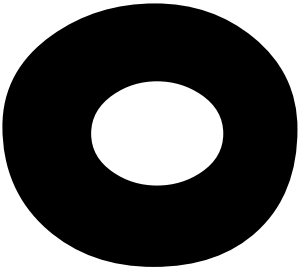
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

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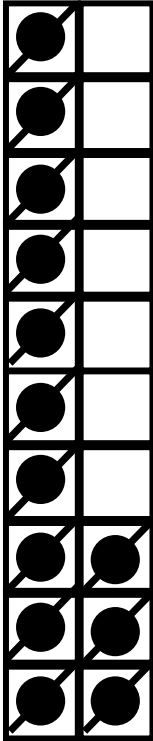
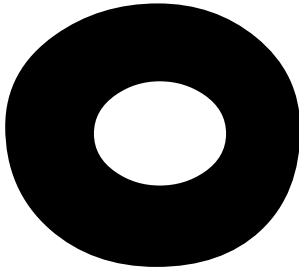
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING A NUMBER FROM ITSELF



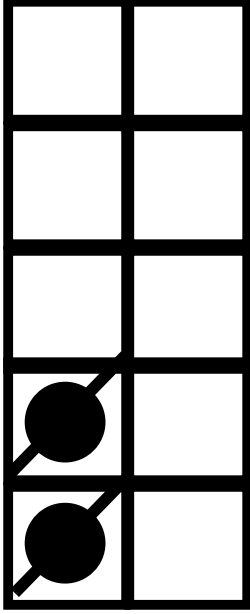
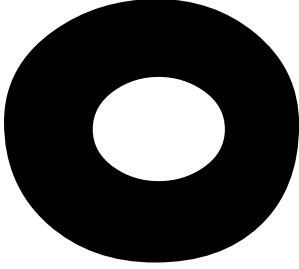
$7 - 7$		
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



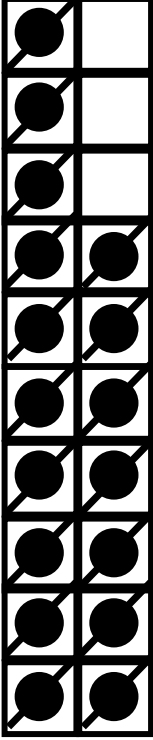
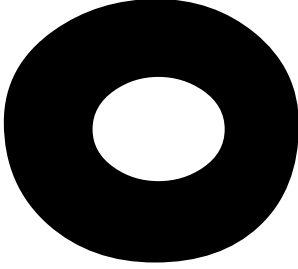
$13 - 13$		
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# SUBTRACTING A NUMBER FROM ITSELF



$2 - 2$		
<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>



$17 - 17$		
<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>

# SUBTRACTING A NUMBER FROM ITSELF



7 - 7

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0

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



13 - 13

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

0

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

# SUBTRACTING A NUMBER FROM ITSELF



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



$19 - 19$	$0$
<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



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



$12 - 12$	$0$
<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



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



$16 - 16$	$0$
<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



**3 - 3**

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**0**

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



**17 - 17**

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

**0**

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



$11 - 11$	
<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>



$14 - 14$	$0$
<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>

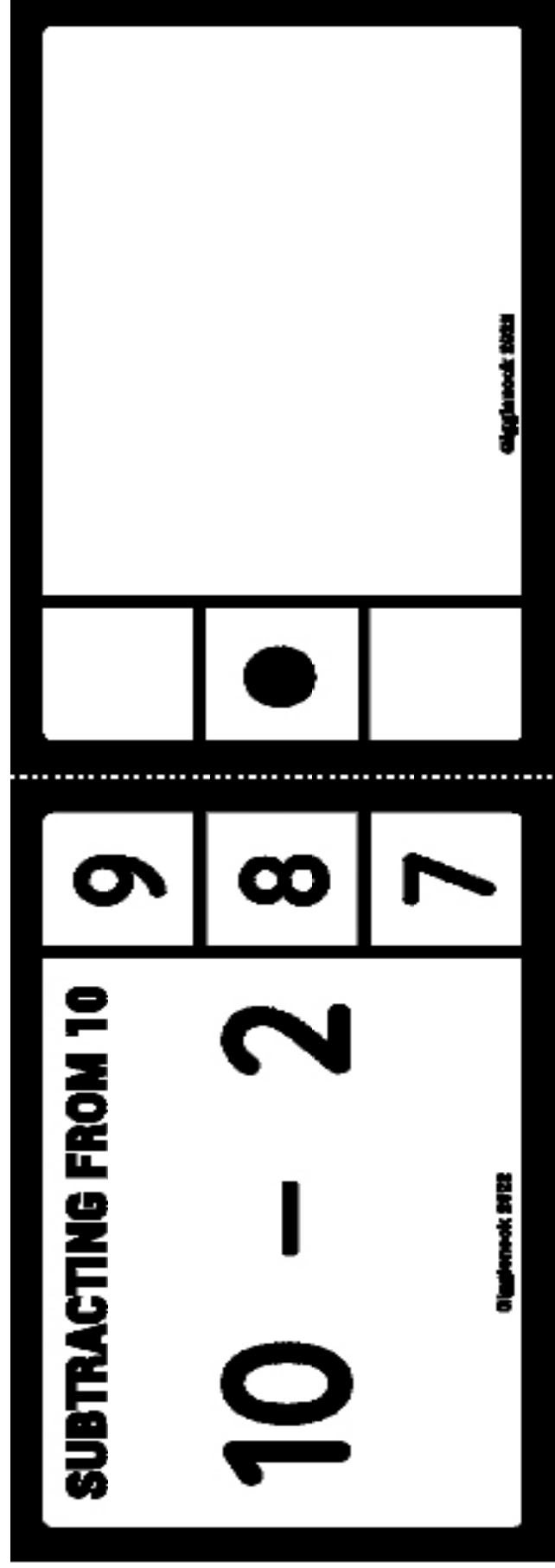


$18 - 18$	$0$
<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# **CLIP CARDS**

# CLIP CARDS

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.





# CLIP CARDS



<b>SUBTRACTING FROM 10</b>  <b>10 - 1</b>	<b>9</b>	●	<small>© Houghton Mifflin Harcourt 2012</small>
	<b>7</b>		
	<b>8</b>		



<b>SUBTRACTING FROM 10</b>  <b>10 - 2</b>	<b>9</b>		<small>© Houghton Mifflin Harcourt 2012</small>
	<b>8</b>	●	
	<b>7</b>		

# CLIP CARDS



<b>SUBTRACTING FROM 10</b>		<b>7</b>	●	
<b>10 - 3</b>		<b>8</b>		
		<b>6</b>		
				<small>Copyright © 2012</small>



<b>SUBTRACTING FROM 10</b>		<b>5</b>		
<b>10 - 4</b>		<b>7</b>		
		<b>6</b>	●	
				<small>Copyright © 2012</small>

# CLIP CARDS



<b>SUBTRACTING FROM 10</b>	<b>5</b>	●	
<b>10 - 5</b>	<b>7</b>		
	<b>6</b>		

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<b>SUBTRACTING FROM 10</b>	<b>3</b>		
<b>10 - 6</b>	<b>2</b>		
	<b>4</b>	●	

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# CLIP CARDS



<b>SUBTRACTING FROM 10</b>	<b>10 - 9</b>	<b>2</b>	
		<b>1</b>	●
		<b>3</b>	
<small>© Houghton Mifflin Harcourt 2012</small>		<small>© Houghton Mifflin Harcourt 2012</small>	

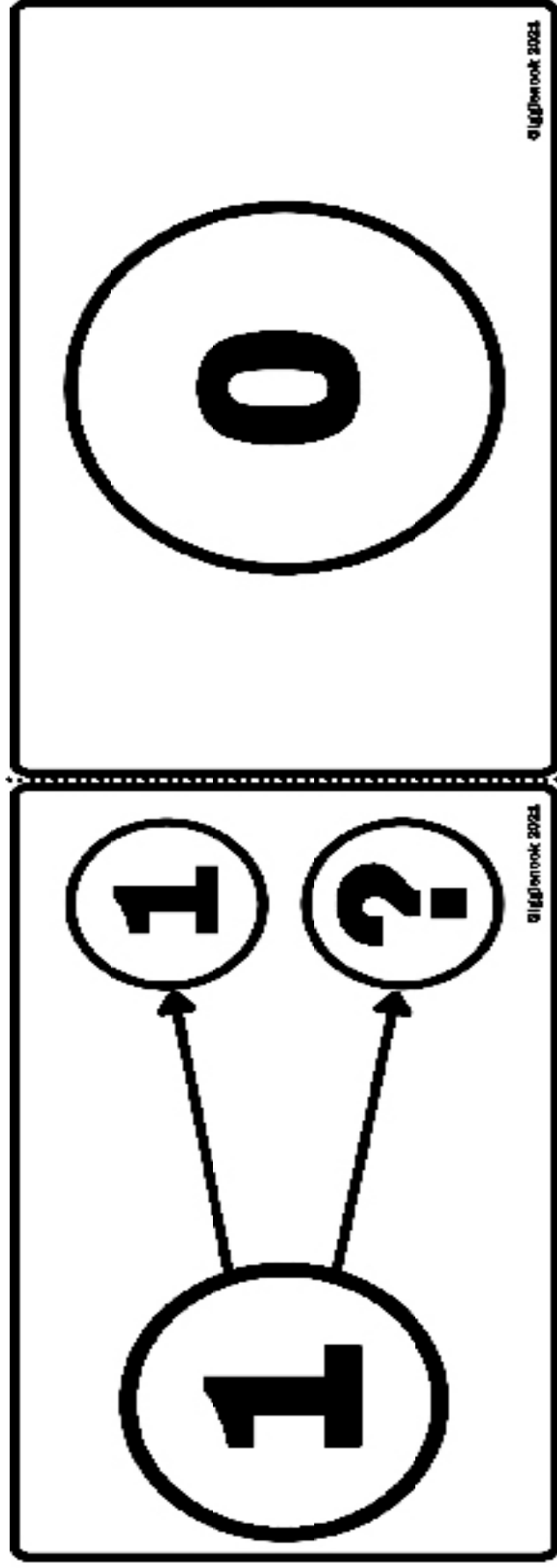


<b>SUBTRACTING FROM 10</b>	<b>10 - 10</b>	<b>1</b>	
		<b>2</b>	
		<b>0</b>	●
<small>© Houghton Mifflin Harcourt 2012</small>		<small>© Houghton Mifflin Harcourt 2012</small>	

# 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



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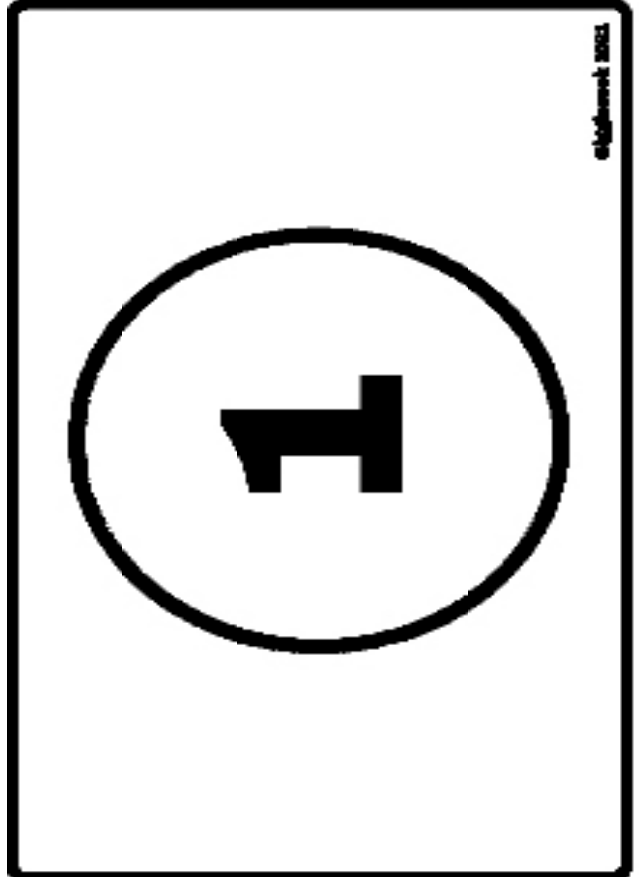
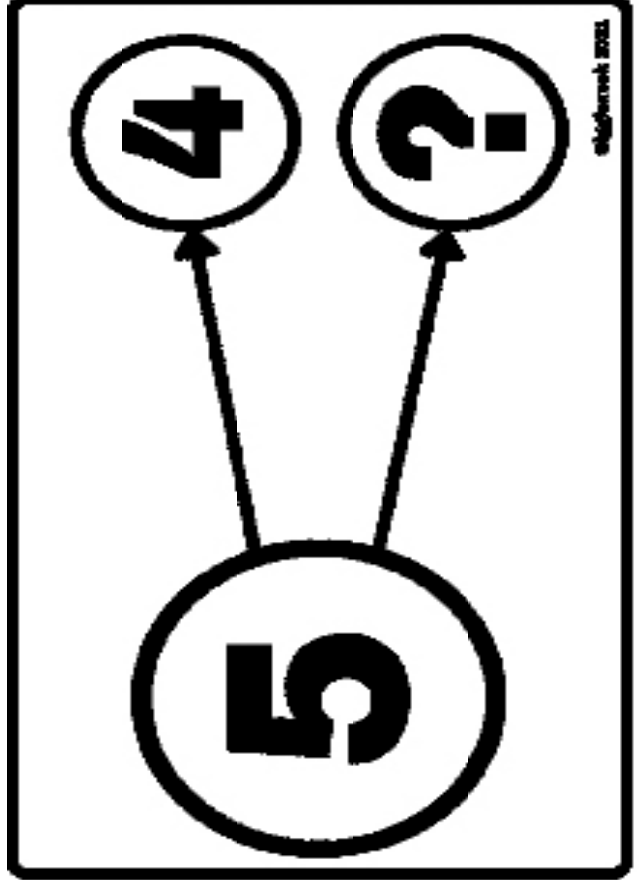
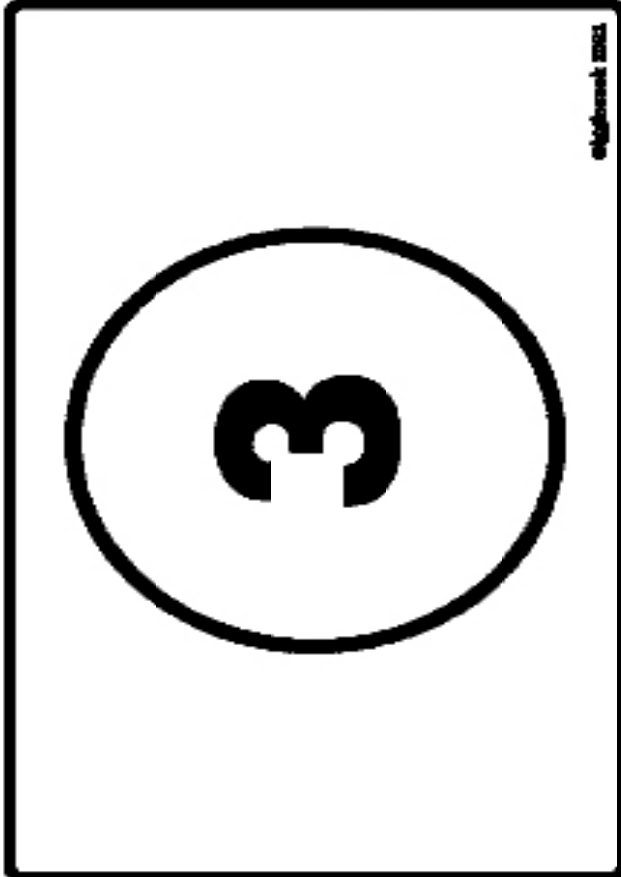
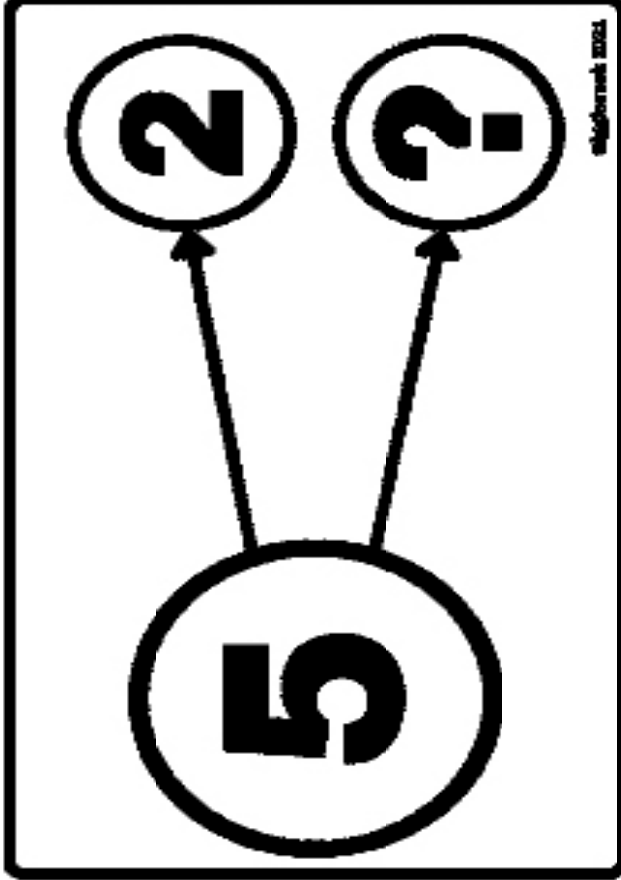


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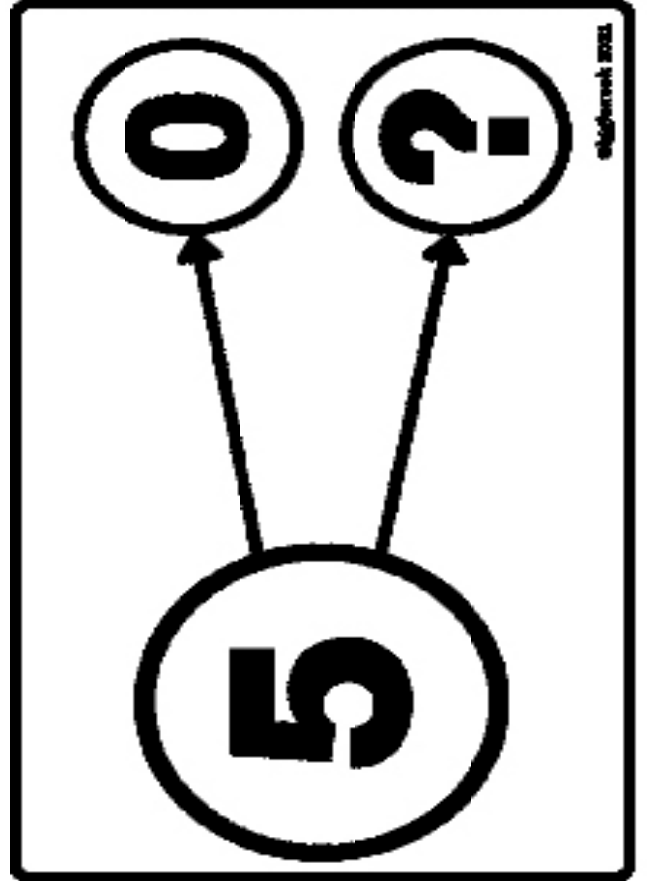
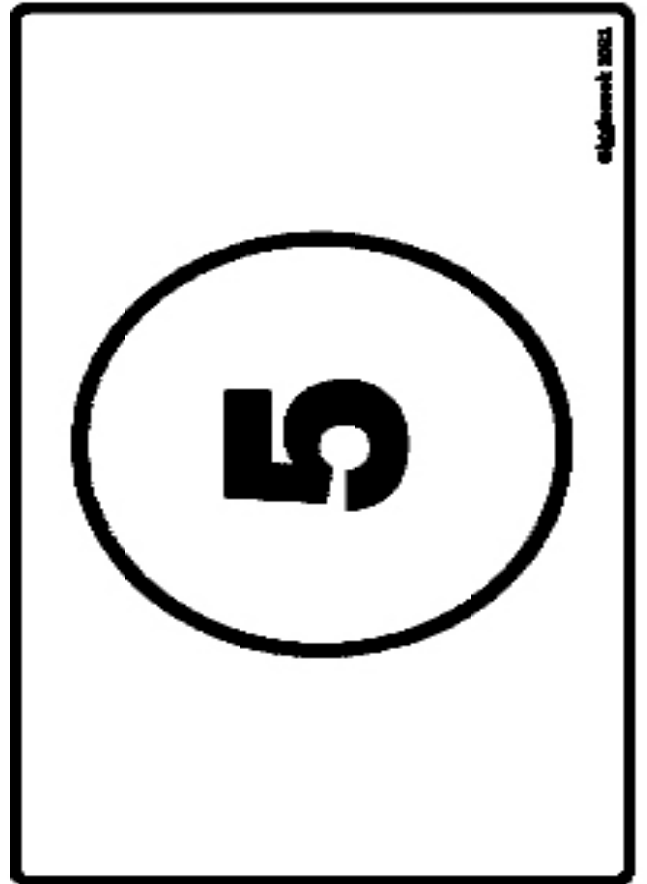
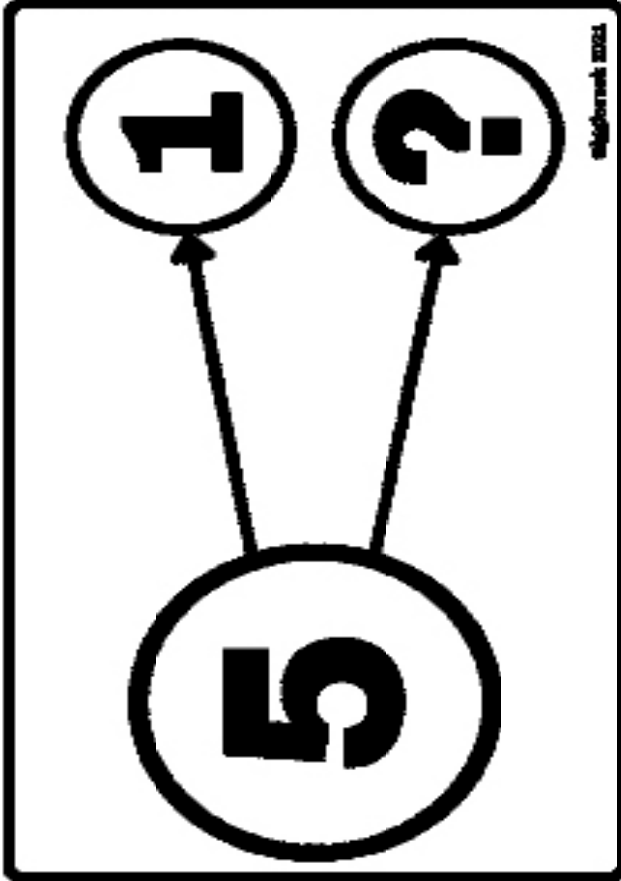
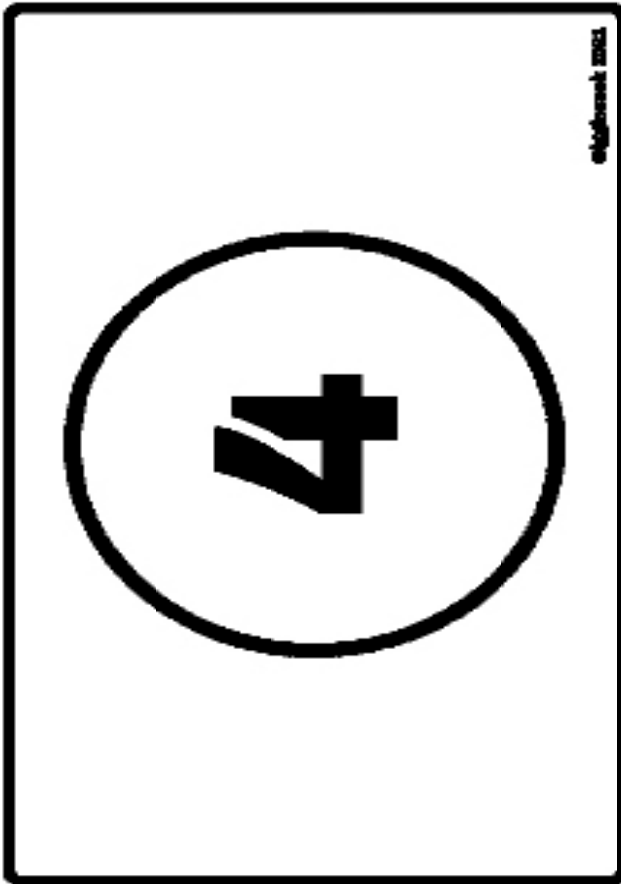
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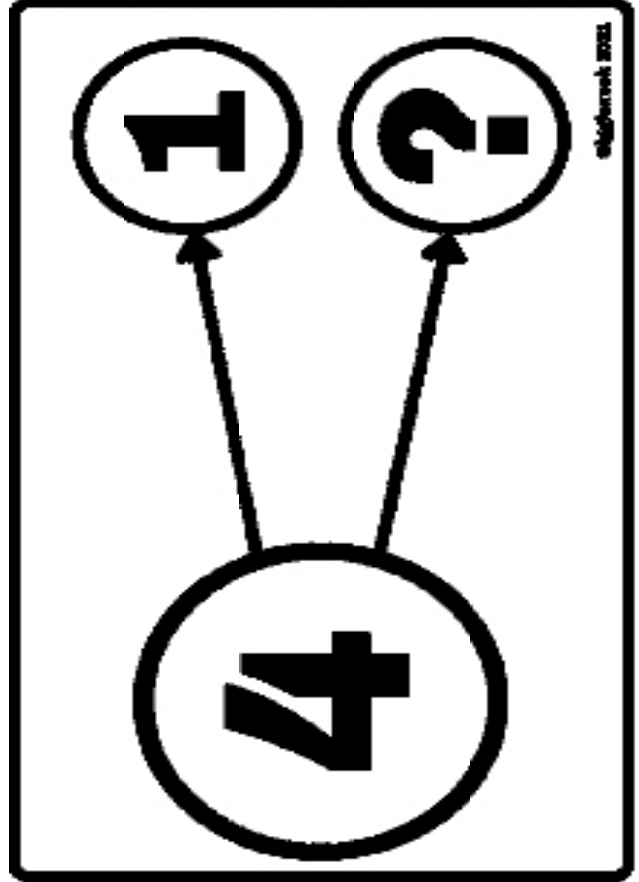
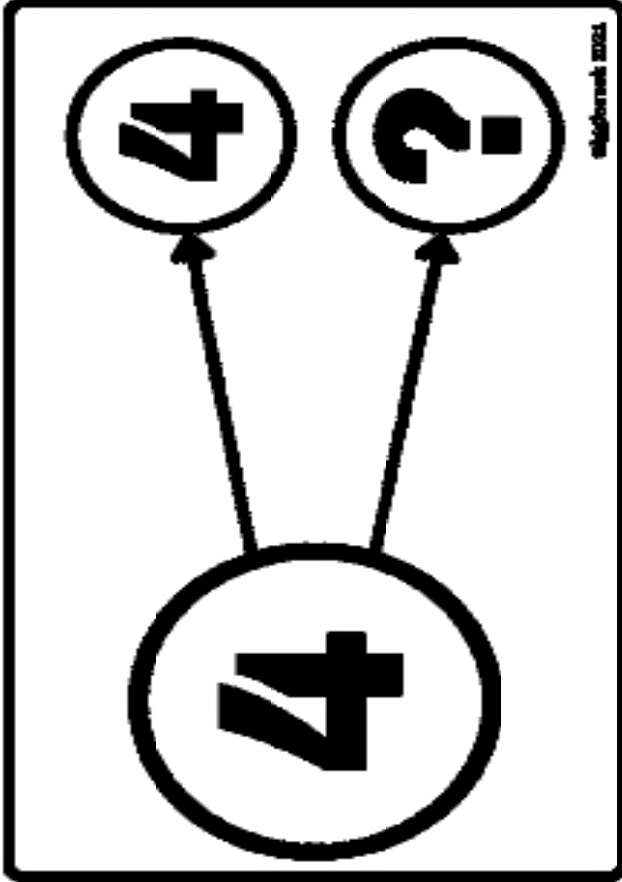
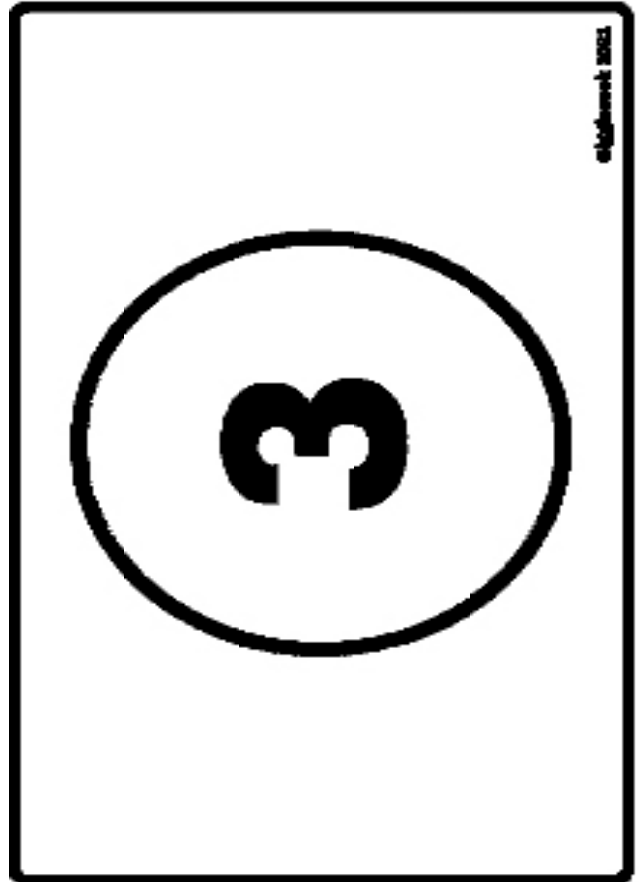
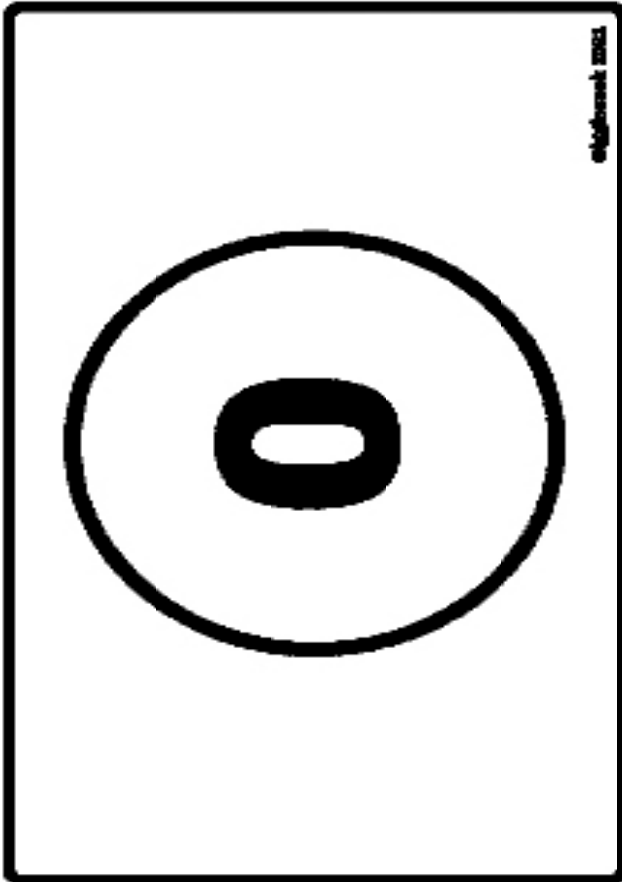
# NUMBER BONDS



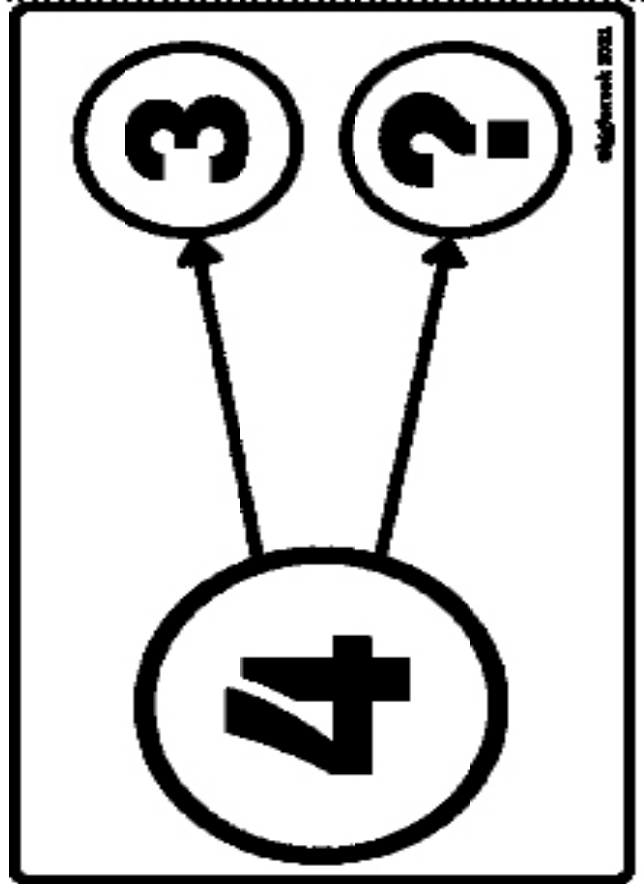
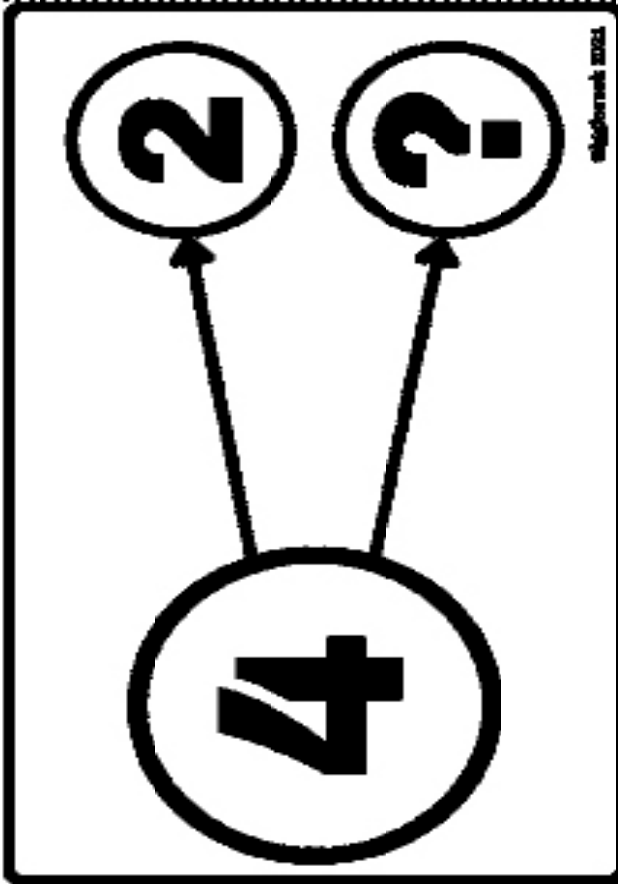
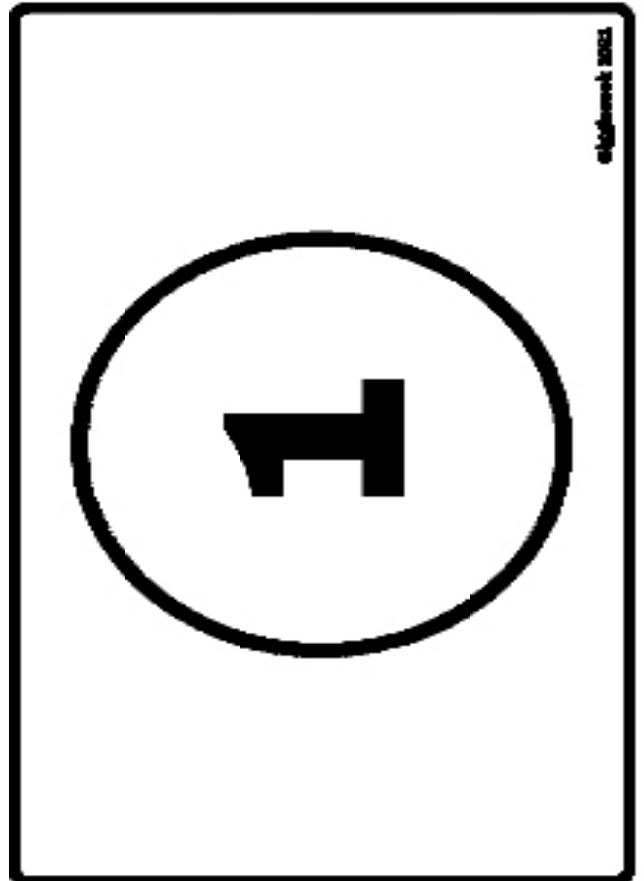
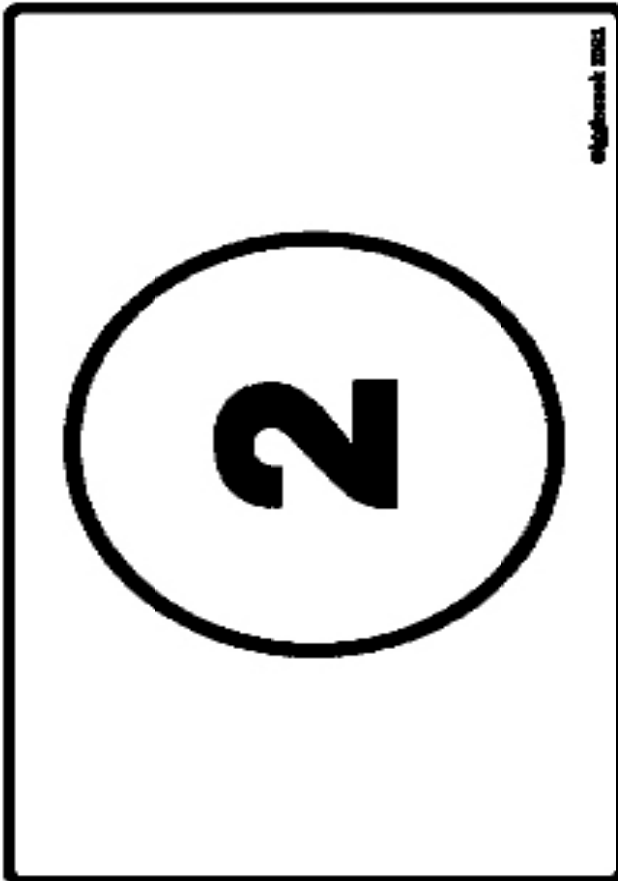
# NUMBER BONDS



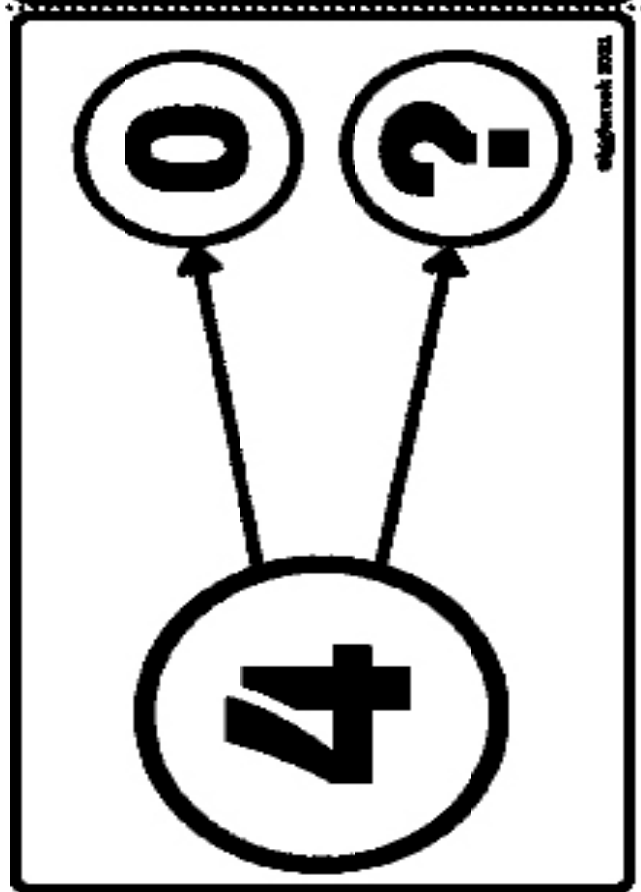
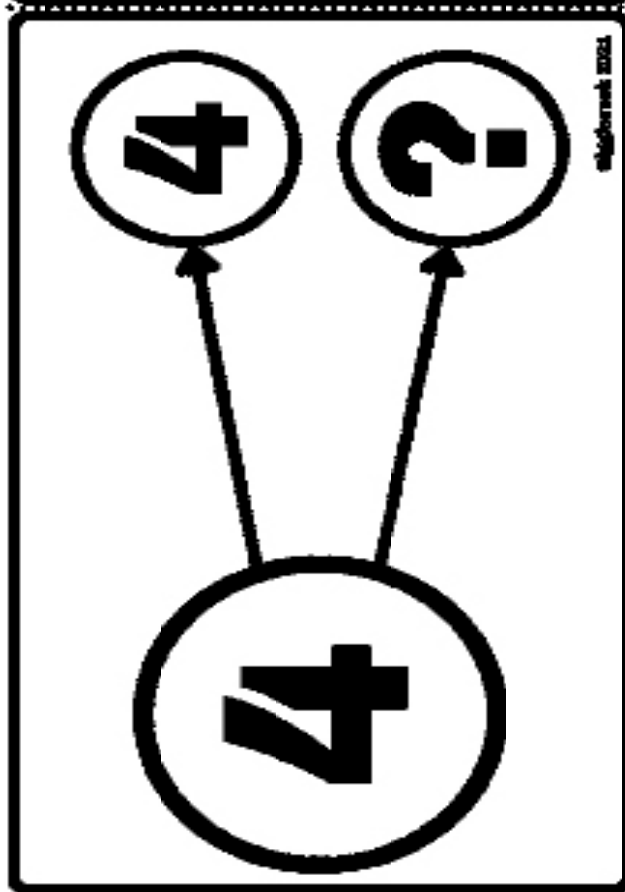
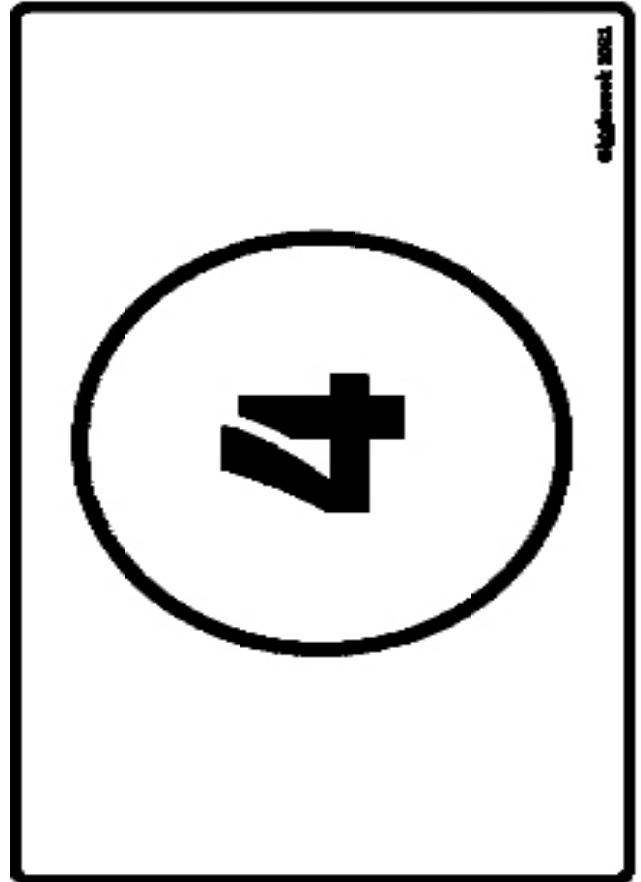
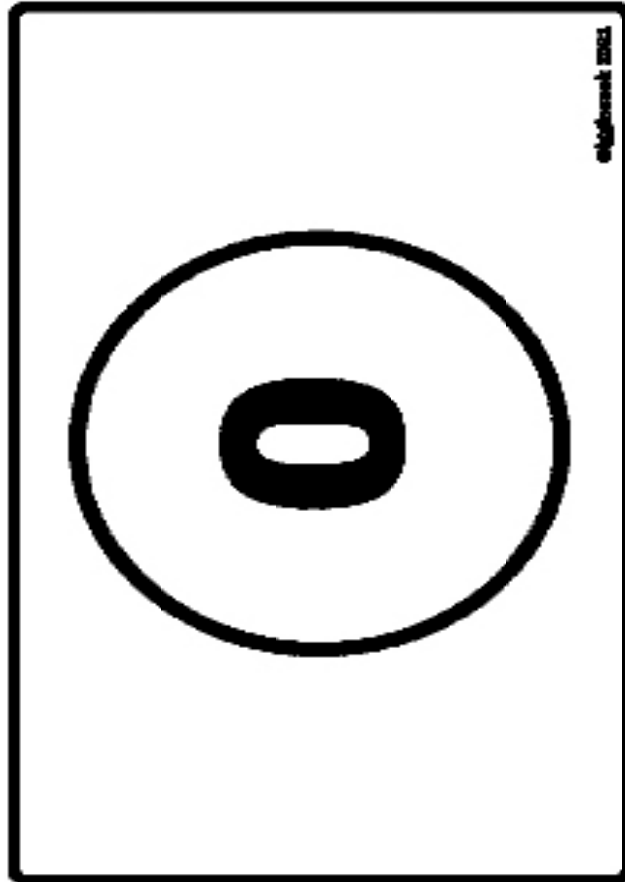
# NUMBER BONDS



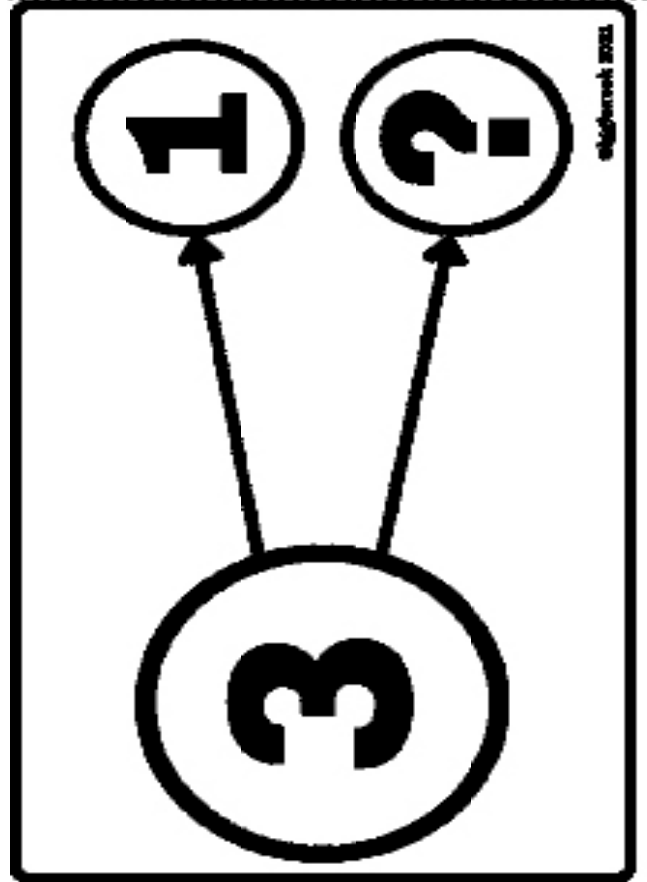
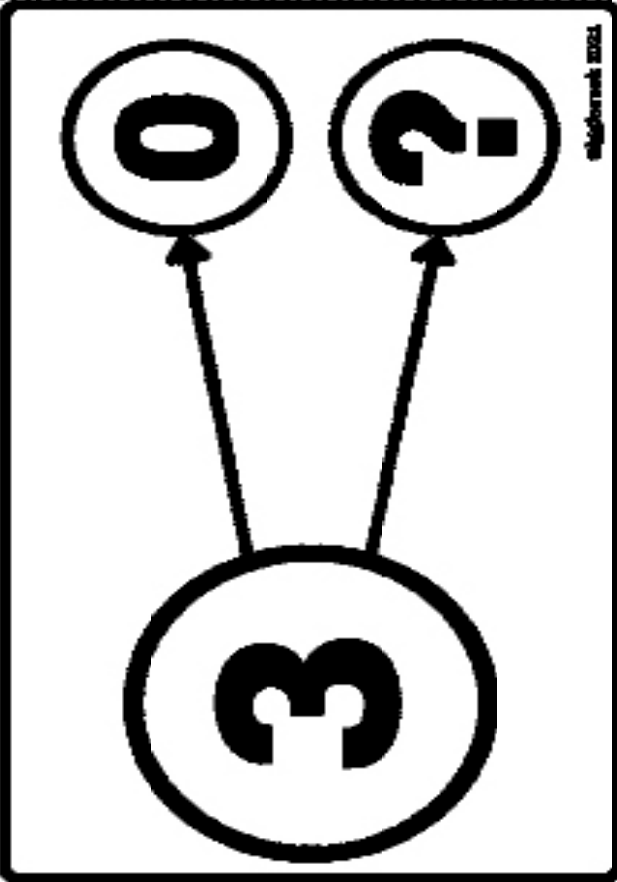
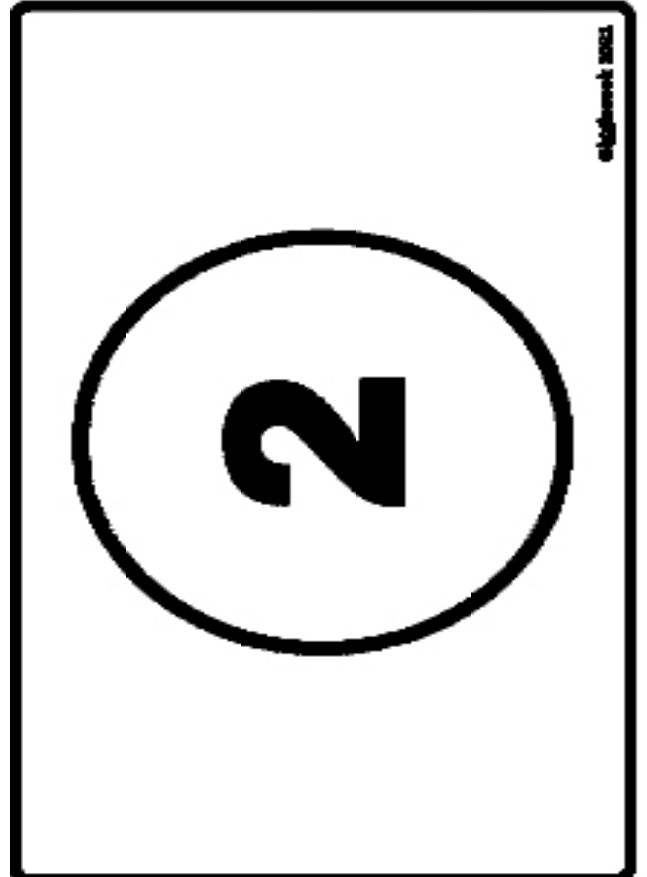
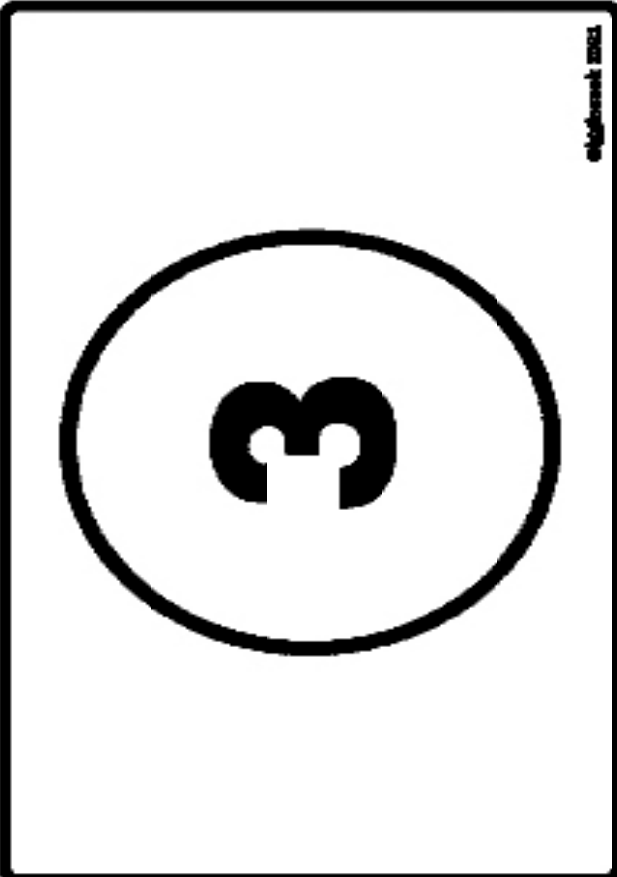
# NUMBER BONDS



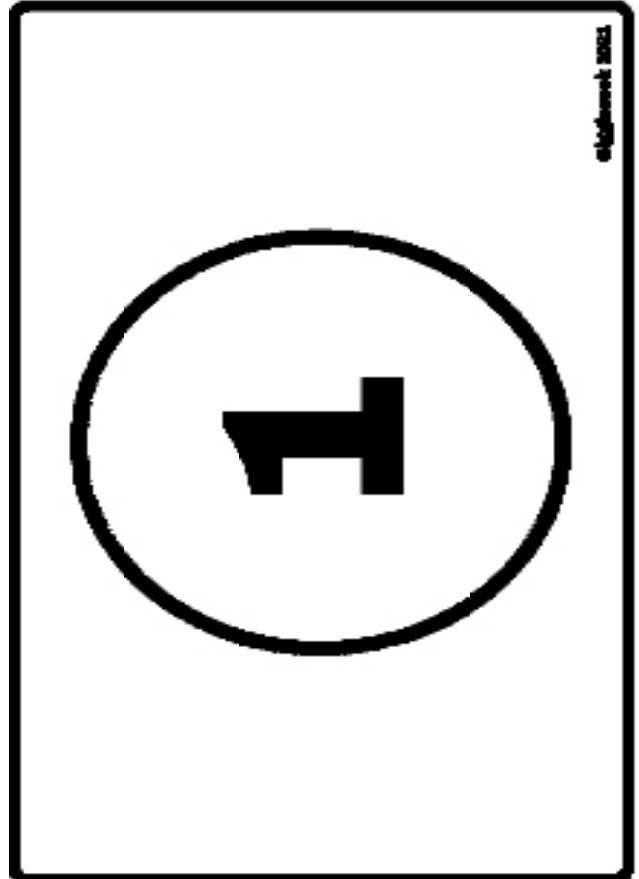
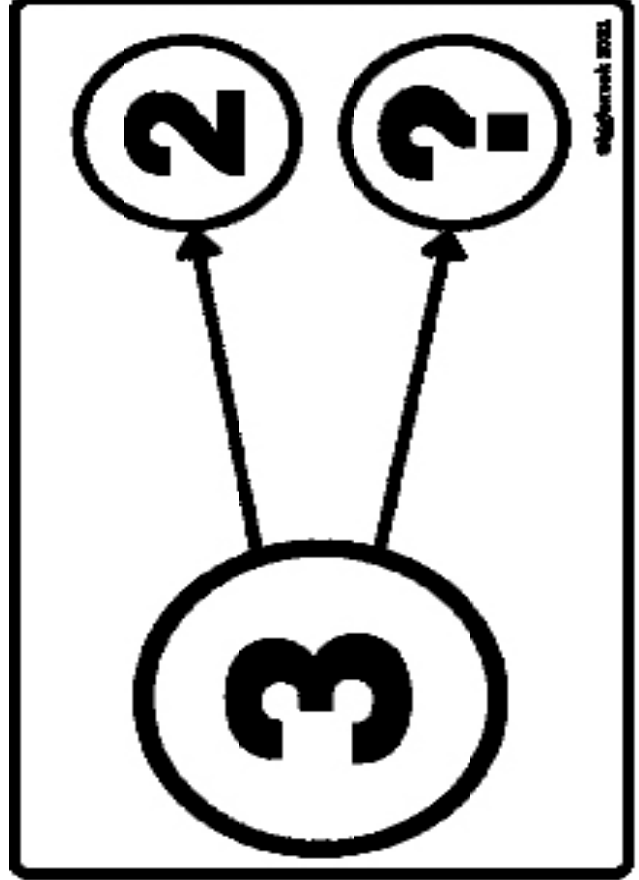
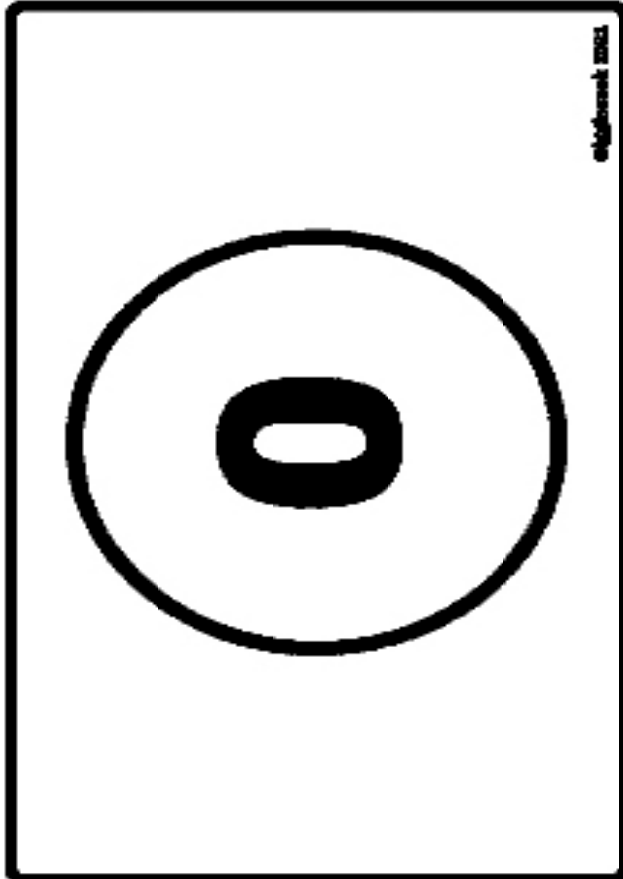
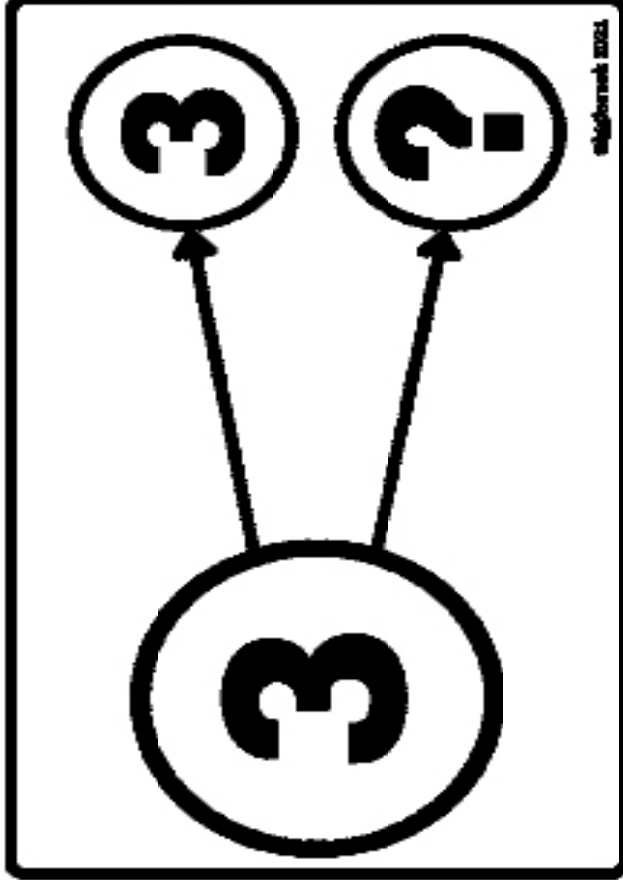
# NUMBER BONDS



# NUMBER BONDS



# NUMBER BONDS



# NUMBER BONDS

A number bond diagram showing a large circle containing the number 2. A dashed line splits the circle into two equal halves.

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A number bond diagram showing a large circle containing the number 2. Two arrows point from the number 2 to two smaller circles above it. The left circle contains the number 0, and the right circle contains a question mark.

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A number bond diagram showing a large circle containing the number 1. A dashed line splits the circle into two equal halves.

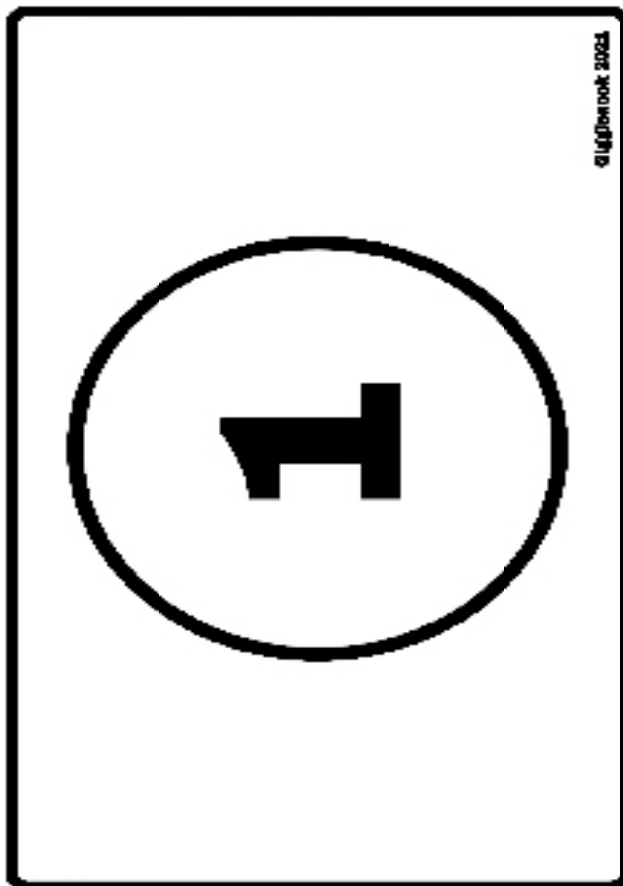
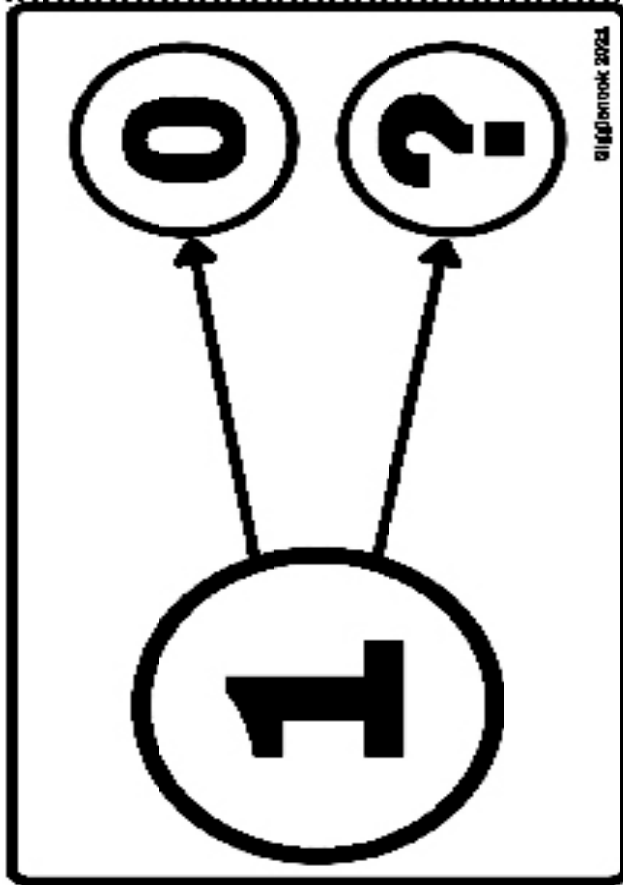
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A number bond diagram showing a large circle containing the number 2. Two arrows point from the number 2 to two smaller circles above it. The left circle contains the number 1, and the right circle contains a question mark.

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# NUMBER BONDS



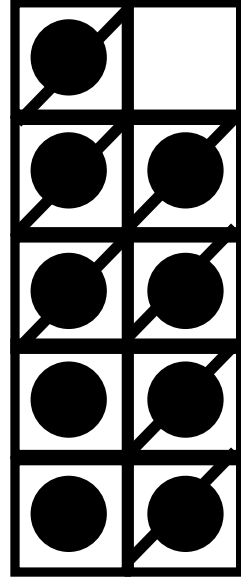
**DIFFERENCES  
OF 1 OR 2  
(TEN FRAME)**

# 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.



$$9 - 7$$



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2

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

# DIFFERENCES OF 1 or 2



$10 - 9$

●	●	●	●	●	●
●	●	●	●	●	●

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

$1$

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



$7 - 6$

●	●	●	●		
●	●	●	●		

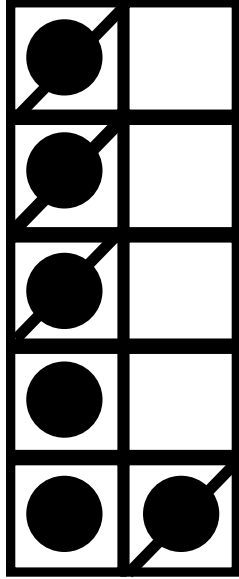
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

$1$

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

# DIFFERENCES OF 1 or 2

$6 - 4$

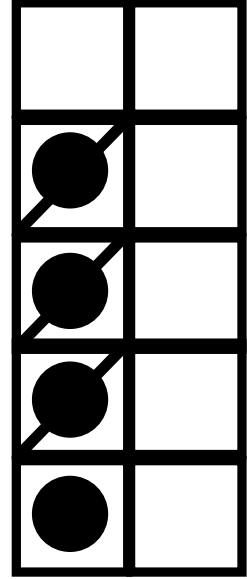


www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

2

$4 - 3$



www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

1

# DIFFERENCES OF 1 or 2



**3 - 1**

●	●	●		

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**2**

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



**10 - 8**

●	●	●	●	●	●
●	●	●	●	●	●

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

**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**

●	●	●	●	●		
●	●	●	●	●		

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

**1**

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



**4 - 2**

●	●	●	●		
●	●	●	●		

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

**2**

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



# DIFFERENCES OF 1 or 2



$2 - 1$

●				
●				

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

$1$

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



$9 - 8$

●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●

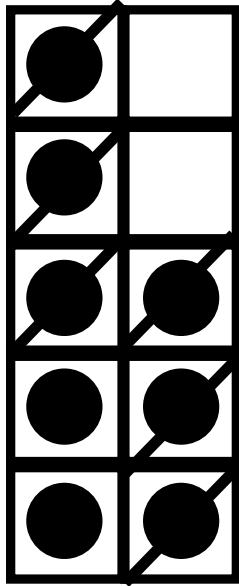
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

$1$

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

# DIFFERENCES OF 1 or 2

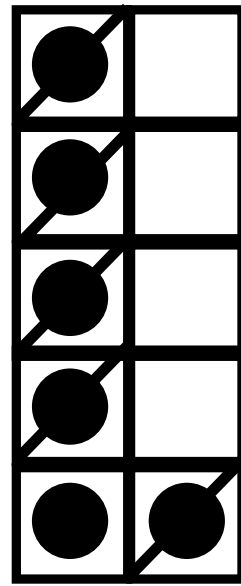
$8 - 6$



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$6 - 5$



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www.mathfactfluencyplayground.com

# 2

# 1

# DIFFERENCES OF 1 or 2



$5 - 3$

●	●	●	●	●	
●	●	●	●	●	

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

**2**

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



$3 - 2$

●	●	●			
●	●	●			

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

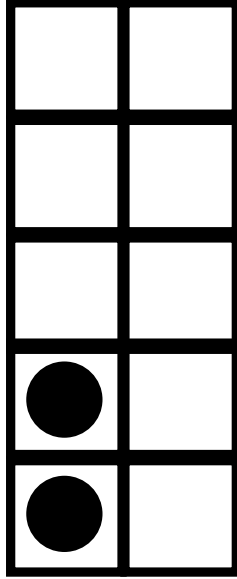
**1**

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



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

# DIFFERENCES OF 1 or 2



 -	 <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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 -	 <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# DIFFERENCES OF 1 or 2



<b>4 - 3</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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<b>3 - 1</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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# DIFFERENCES OF 1 or 2



<b>10 - 8</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>8 - 7</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# DIFFERENCES OF 1 or 2



<b>7 - 5</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>5 - 4</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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# DIFFERENCES OF 1 or 2



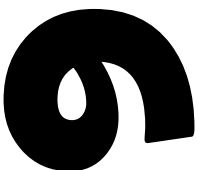
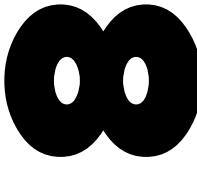

<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>



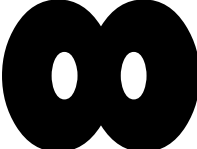
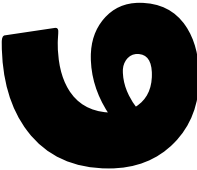

<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>

# DIFFERENCES OF 1 or 2



 - 	
<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>

# DIFFERENCES OF 1 or 2



<b>6 - 5</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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<b>5 - 3</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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# DIFFERENCES OF 1 or 2



<b>3 - 2</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>	<b>1</b> <a href="http://www.mathfactfluencyplayground.com">www.mathfactfluencyplayground.com</a>
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<b>2 - 0</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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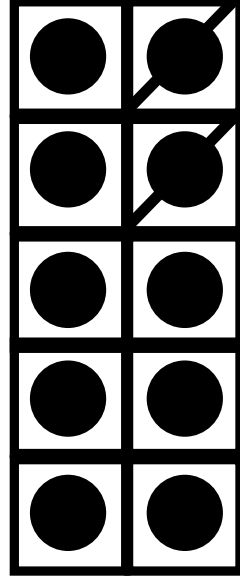
**SUBTRACTING  
WITHIN 10  
(TEN FRAMES)**

# 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.**



$$10 - 2$$



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

8

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

# SUBTRACTING WITHIN 10



$10 - 1$

●	●	●	●	●	●
●	●	●	●	●	●

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

9

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



$10 - 0$

●	●	●	●	●	●
●	●	●	●	●	●

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

10

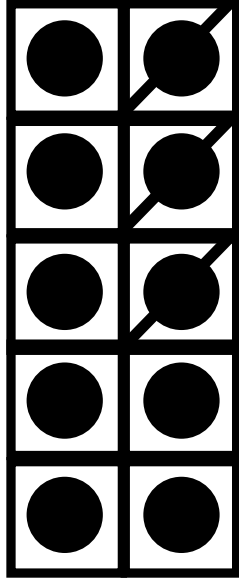
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)



# SUBTRACTING WITHIN 10



$$10 - 3$$



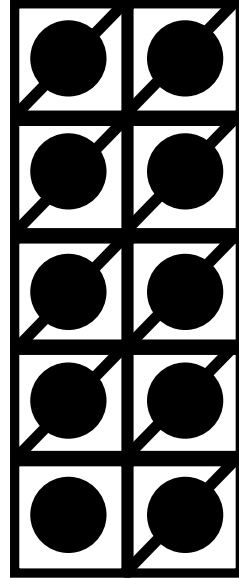
www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

7



$$10 - 9$$



www.mathfactfluencyplayground.com

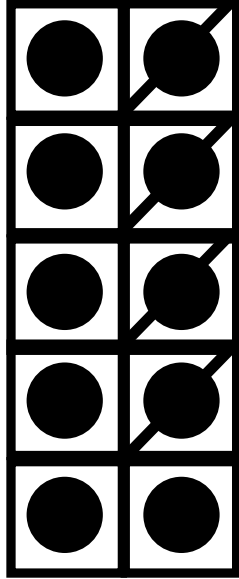
www.mathfactfluencyplayground.com

1

# SUBTRACTING WITHIN 10



$$10 - 4$$



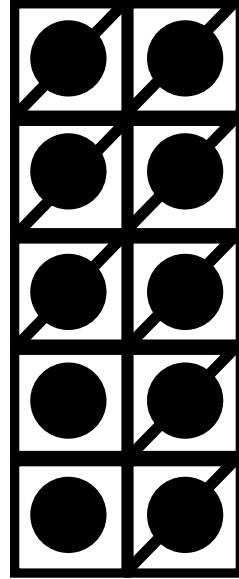
www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

6



$$10 - 8$$



www.mathfactfluencyplayground.com

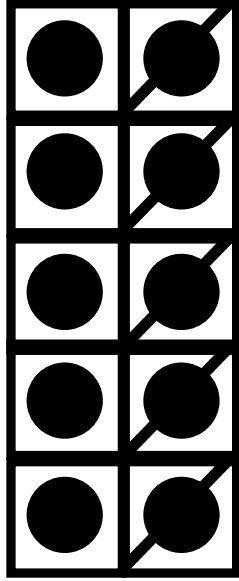
www.mathfactfluencyplayground.com

2

# SUBTRACTING WITHIN 10



$$10 - 5$$



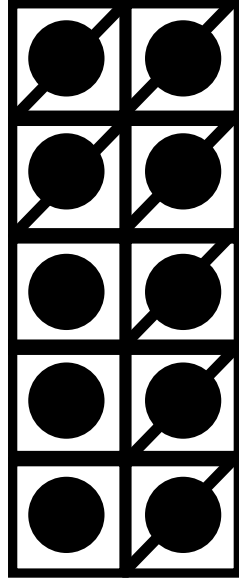
www.mathfactfluencyplayground.com

5

www.mathfactfluencyplayground.com



$$10 - 7$$



www.mathfactfluencyplayground.com

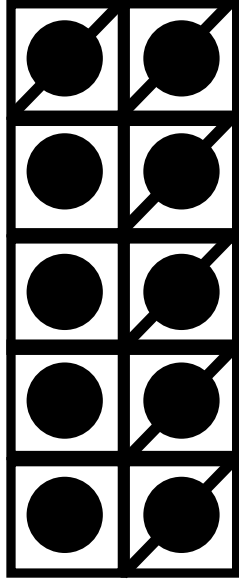
3

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# SUBTRACTING WITHIN 10



$$10 - 6$$



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

4

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

# SUBTRACTING WITHIN 10



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



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

# 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>

**SUBTRACTING  
10 FROM A  
NUMBER**

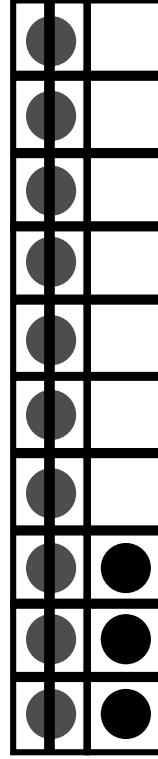
# SUBTRACTING 10 FROM A NUMBER

Students should be working on the relationship between addition and subtraction. As they are thinking about subtracting numbers from 10, we want them to think about the partners of 10.



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$13 - 10$$



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

# 3

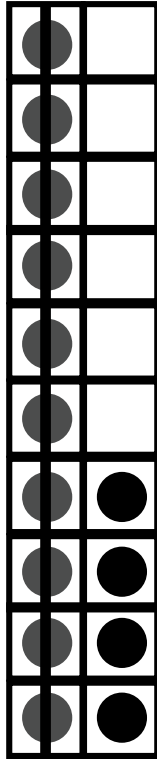
[www.mathfactfluencyplayground.com](http://www.mathfactfluencyplayground.com)

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$14 - 10$$



www.mathfactfluencyplayground.com

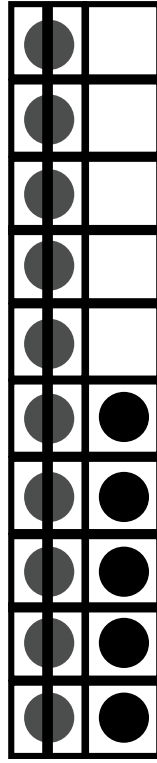
# 4

www.mathfactfluencyplayground.com



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$15 - 10$$



www.mathfactfluencyplayground.com

# 5

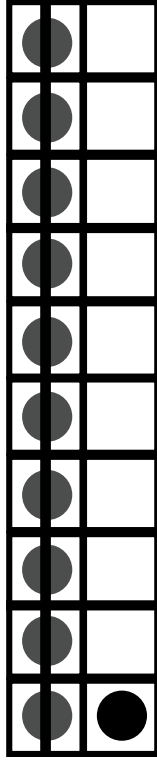
www.mathfactfluencyplayground.com

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$11 - 10$$



www.mathfactfluencyplayground.com

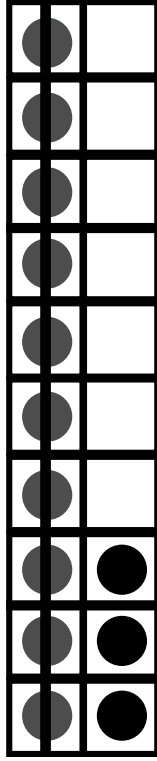
www.mathfactfluencyplayground.com

1



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$13 - 10$$



www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

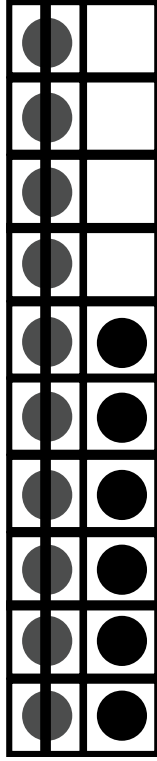
3

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$16 - 10$$



www.mathfluencyplayground.com

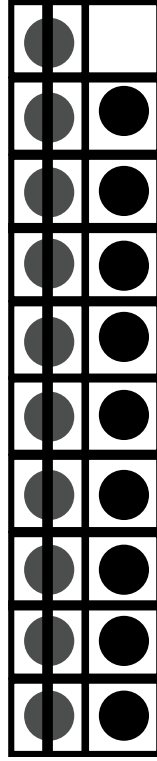
6

www.mathfluencyplayground.com



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$19 - 10$$



www.mathfluencyplayground.com

9

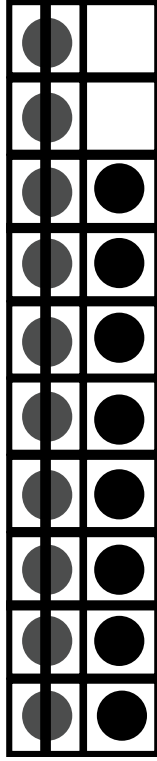
www.mathfluencyplayground.com

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$18 - 10$$



www.mathfactfluencyplayground.com

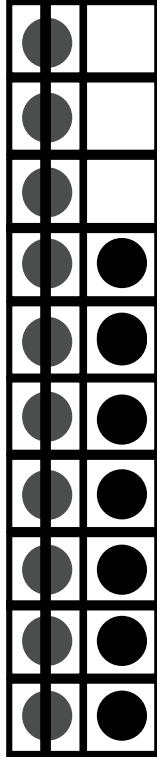
# 8

www.mathfactfluencyplayground.com



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$17 - 10$$



www.mathfactfluencyplayground.com

# 7

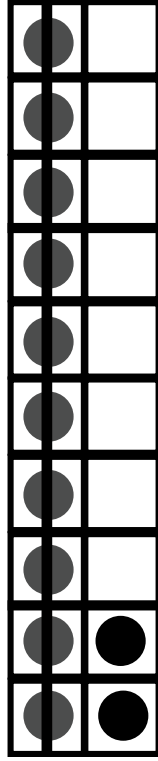
www.mathfactfluencyplayground.com

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$12 - 10$$



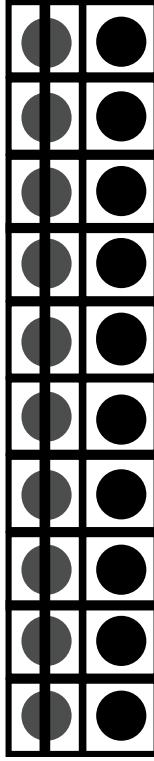
www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$20 - 10$$



www.mathfactfluencyplayground.com

www.mathfactfluencyplayground.com

# 2

# 10



# SUBTRACTING 10 FROM A NUMBER



**WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.**

**14 - 10**

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

**4**

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



**WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.**

**17 - 10**

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

**7**

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

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

11 - 10

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

1

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



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

18 - 10

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

8

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

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$15 - 10$$

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

5

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



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

$$13 - 10$$

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

3

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

# SUBTRACTING 10 FROM A NUMBER



**WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.**

**12 - 10**

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

**2**

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



**WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.**

**16 - 10**

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

**6**

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

# SUBTRACTING 10 FROM A NUMBER



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

**19 - 10**

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

**9**

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



WHEN YOU SUBTRACT 10 FROM A NUMBER,  
ONES ARE LEFT.

**20 - 10**

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

**10**

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

# **SUBTRACTING WITHIN 20**

# **SUBTRACTING WITHIN 20**

**Subtraction within 20 is one of the 2nd grade goals in most states. After students have practiced all of the different strategies they should engage in deep review of all of the facts through games, activities and flashcards. They should name the strategy that they are using. It is important that students are not only accurate but also flexible and efficient when looking at and thinking about problems.**



**18 - 0**

**What's your strategy?**

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

**18**

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

# SUBTRACTING WITHIN 20



$$12 - 1$$

**What's your strategy?**

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

$$11$$

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



$$15 - 0$$

**What's your strategy?**

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

$$15$$

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



# SUBTRACTING WITHIN 20



$$13 - 1$$

**What's your strategy?**

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

$$12$$

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



$$18 - 0$$

**What's your strategy?**

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

$$18$$

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

# SUBTRACTING WITHIN 20



$$13 - 0$$

What's your strategy?

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

$$13$$

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



$$13 - 2$$

What's your strategy?

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

$$11$$

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

# SUBTRACTING WITHIN 20



$$16 - 1$$

**What's your strategy?**

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

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

$$15$$



$$14 - 1$$

**What's your strategy?**

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

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

$$13$$

# SUBTRACTING WITHIN 20



$$17 - 5$$

**What's your strategy?**

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

$$12$$

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



$$15 - 1$$

**What's your strategy?**

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

$$14$$

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

# SUBTRACTING WITHIN 20



$$18 - 1$$

**What's your strategy?**

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

$$17$$

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



$$20 - 0$$

**What's your strategy?**

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

$$20$$

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

# SUBTRACTING WITHIN 20



$$14 - 3$$

What's your strategy?

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

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

$$11$$



$$19 - 4$$

What's your strategy?

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

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

$$15$$

# SUBTRACTING WITHIN 20



$$18 - 4$$

**What's your strategy?**

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

$$14$$

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



$$20 - 5$$

**What's your strategy?**

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

$$15$$

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

# SUBTRACTING WITHIN 20



$$17 - 2$$

**What's your strategy?**

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

$$15$$

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



$$16 - 0$$

**What's your strategy?**

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

$$16$$

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



# SUBTRACTING WITHIN 20



$$20 - 9$$

**What's your strategy?**

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

$$11$$

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



$$19 - 3$$

**What's your strategy?**

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

$$16$$

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

# SUBTRACTING WITHIN 20



$$20 - 1$$

**What's your strategy?**

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

$$19$$

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



$$13 - 1$$

**What's your strategy?**

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

$$12$$

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

# SUBTRACTING WITHIN 20



$$14 - 0$$

**What's your strategy?**

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

$$14$$

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



$$18 - 0$$

**What's your strategy?**

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

$$18$$

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

# SUBTRACTING WITHIN 20



$$12 - 1$$

**What's your strategy?**

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

$$11$$

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



$$17 - 1$$

**What's your strategy?**

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

$$16$$

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

# SUBTRACTING WITHIN 20



$$16 - 0$$

**What's your strategy?**

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

$$16$$

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



$$14 - 1$$

**What's your strategy?**

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

$$13$$

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

# SUBTRACTING WITHIN 20



$$20 - 7$$

**What's your strategy?**

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

**13**

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



$$14 - 1$$

**What's your strategy?**

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

**13**

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

# SUBTRACTING WITHIN 20



$$12 - 0$$

**What's your strategy?**

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

$$12$$

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



$$14 - 1$$

**What's your strategy?**

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

$$13$$

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

# SUBTRACTING WITHIN 20



$$7 - 0$$

**What's your strategy?**

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

7

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



$$18 - 6$$

**What's your strategy?**

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

12

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



# SUBTRACTING WITHIN 20



$$19 - 7$$

**What's your strategy?**

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

$$12$$

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



$$18 - 3$$

**What's your strategy?**

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

$$15$$

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

# SUBTRACTING WITHIN 20



$$19 - 8$$

**What's your strategy?**

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

$$11$$

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



$$20 - 1$$

**What's your strategy?**

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

$$19$$

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

# SUBTRACTING WITHIN 20



$$16 - 1$$

**What's your strategy?**

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

$$15$$

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



$$16 - 5$$

**What's your strategy?**

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

$$11$$

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

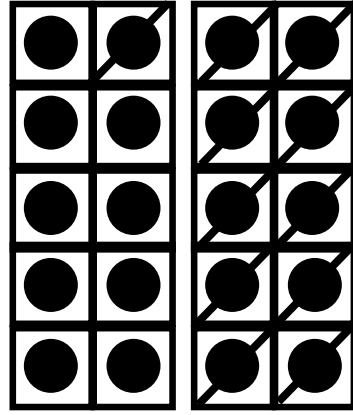
# **SUBTRACTING FROM 20**

# SUBTRACTING FROM 20

Subtraction within 20 is one of the 2nd grade goals in most states. After students have practiced all of the different strategies they should engage in deep review of all of the facts through games, activities and flashcards. They should name the strategy that they are using. It is important that students are not only accurate but also flexible and efficient when looking at and thinking about problems. When subtracting from 20, students should be looking at which numbers they are working with. They should also be thinking about how 10 plays into the equation. For example, they might have  $20 - 15$  and think, "I know 15 plus 5 more is 20. There is already one ten and 5 and 5 make another 10 which is 20. Or for example,  $20 - 17$ , students might just count up.



$$20 - 11$$



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# SUBTRACTING FROM 20



$20 - 12$

●	●	●	●
●	●	●	●
<del>●</del>	<del>●</del>	<del>●</del>	<del>●</del>
<del>●</del>	<del>●</del>	<del>●</del>	<del>●</del>

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$20 - 10$

●	●	●	●
●	●	●	●
<del>●</del>	<del>●</del>	<del>●</del>	<del>●</del>
<del>●</del>	<del>●</del>	<del>●</del>	<del>●</del>

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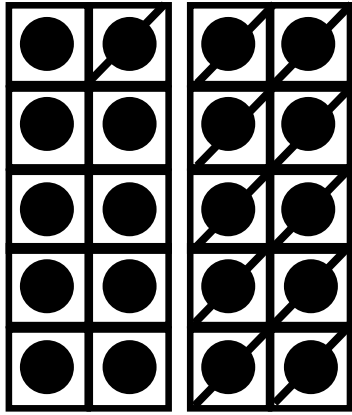
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# SUBTRACTING FROM 20



$20 - 11$



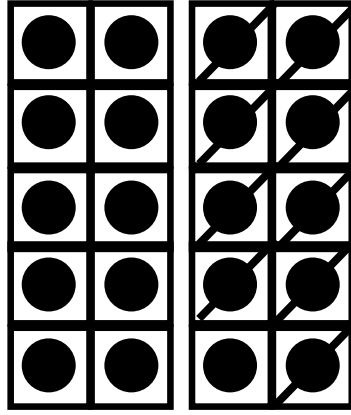
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$20 - 9$



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11

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# SUBTRACTING FROM 20



$20 - 13$

●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●

$7$

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$20 - 8$

●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	●	●

$12$

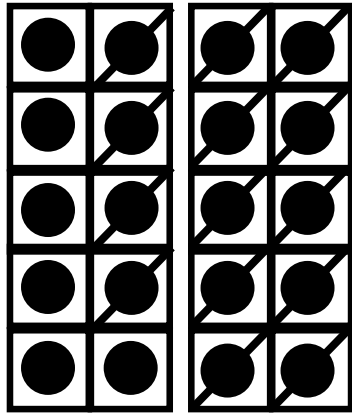
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# SUBTRACTING FROM 20



$20 - 14$



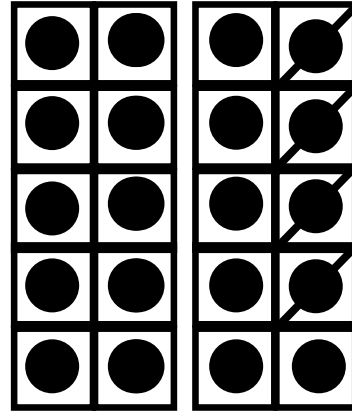
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$20 - 4$



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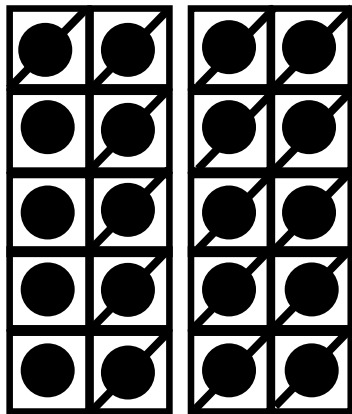
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# SUBTRACTING FROM 20



$20 - 16$



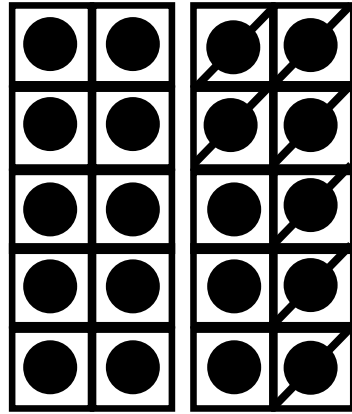
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$20 - 7$



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13

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# SUBTRACTING FROM 20



$20 - 6$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

$14$

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$20 - 19$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

$1$

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# SUBTRACTING FROM 20



$20 - 17$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

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3

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



$20 - 18$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

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2

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# SUBTRACTING FROM 20



$20 - 5$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

$15$

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$20 - 1$

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

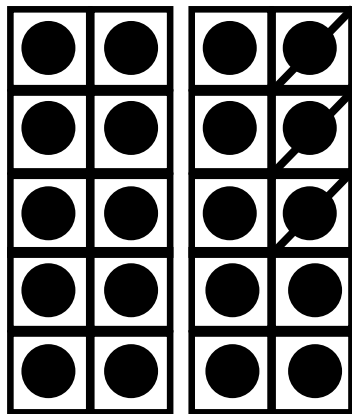
$19$

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# SUBTRACTING FROM 20



$$20 - 3$$



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17

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# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 1$$

THINK

$$1 + ? = 20$$



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# 19



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 2$$

THINK

$$2 + ? = 20$$



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# 18

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 3$$

THINK

$$3 + ? = 20$$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 4$$

THINK

$$4 + ? = 20$$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 5$$

THINK

$$5 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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# 15



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 6$$

THINK

$$6 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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# 14

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 7$$

THINK

$$7 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# 13



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 8$$

THINK

$$8 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# 12

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 9$$

THINK

$$9 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 10$$

THINK

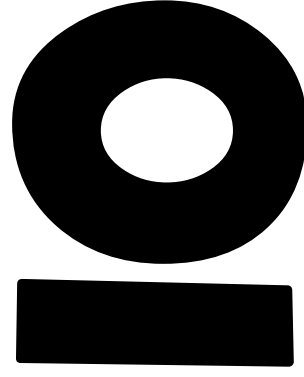
$$10 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 11$$

THINK

$$11 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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9



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 12$$

THINK

$$12 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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8

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 13$$

THINK

$$13 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# 7



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 14$$

THINK

$$14 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# 6

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 15$$

THINK

$$15 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# 5



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 16$$

THINK

$$16 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# 4

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 17$$

THINK

$$17 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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# 3



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 18$$

THINK

$$18 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
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# 2

# SUBTRACTING FROM 20



WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 19$$

THINK

$$19 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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WHEN YOU SUBTRACT FROM 20 THINK  
MAKE 20 FRIENDS

$$20 - 20$$

THINK

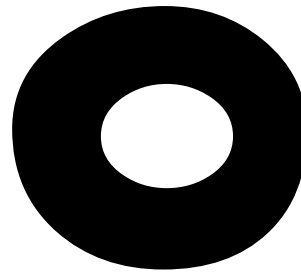
$$20 + ? = 20$$



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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# SUBTRACTING FROM 20

$$20 - 7$$

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13

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$$20 - 17$$

www.mathfactfluencyplayground.com

3

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# SUBTRACTING FROM 20

$$20 - 18$$

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2

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$$20 - 16$$

www.mathfactfluencyplayground.com

4

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# SUBTRACTING FROM 20

$$20 - 8$$

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12

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$$20 - 9$$

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11

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# SUBTRACTING FROM 20

$$20 - 4$$

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$$16$$

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$$20 - 14$$

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$$6$$

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# SUBTRACTING FROM 20

$$20 - 6$$

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14

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$$20 - 5$$

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15

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# SUBTRACTING FROM 20

$$20 - 13$$

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7

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$$20 - 19$$

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1

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# SUBTRACTING FROM 20

$$20 - 1$$

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$$19$$

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$$20 - 11$$

www.mathfactfluencyplayground.com

$$9$$

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# SUBTRACTING FROM 20

$$20 - 15$$

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5

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$$20 - 0$$

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20

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# SUBTRACTING FROM 20

$$20 - 10$$

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$$10$$

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$$20 - 2$$

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$$18$$

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# SUBTRACTING FROM 20

$$20 - 3$$

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17

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$$20 - 2$$

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18

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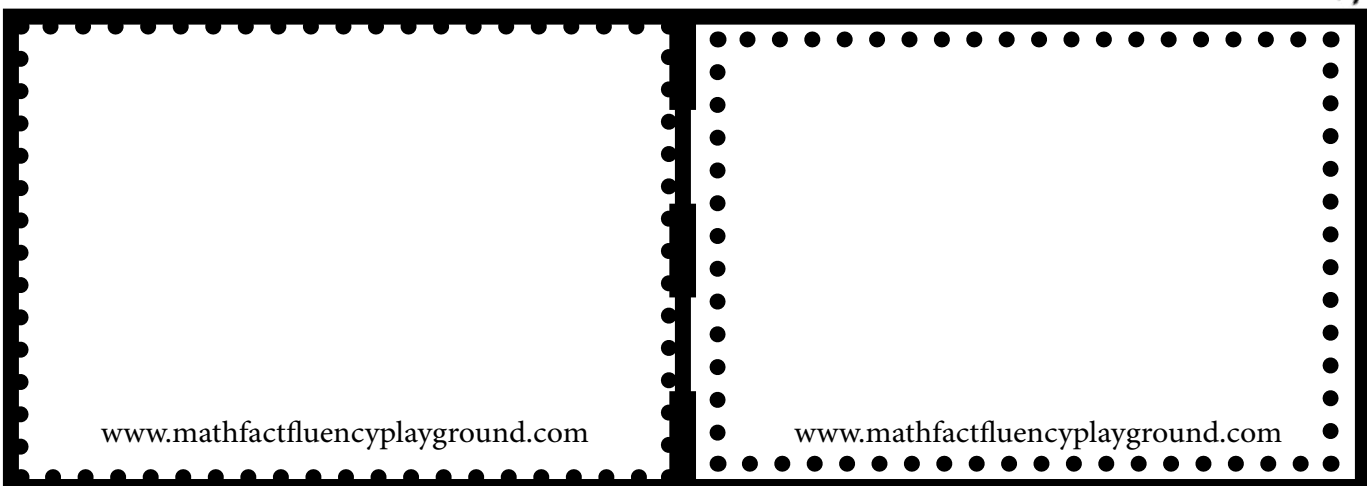
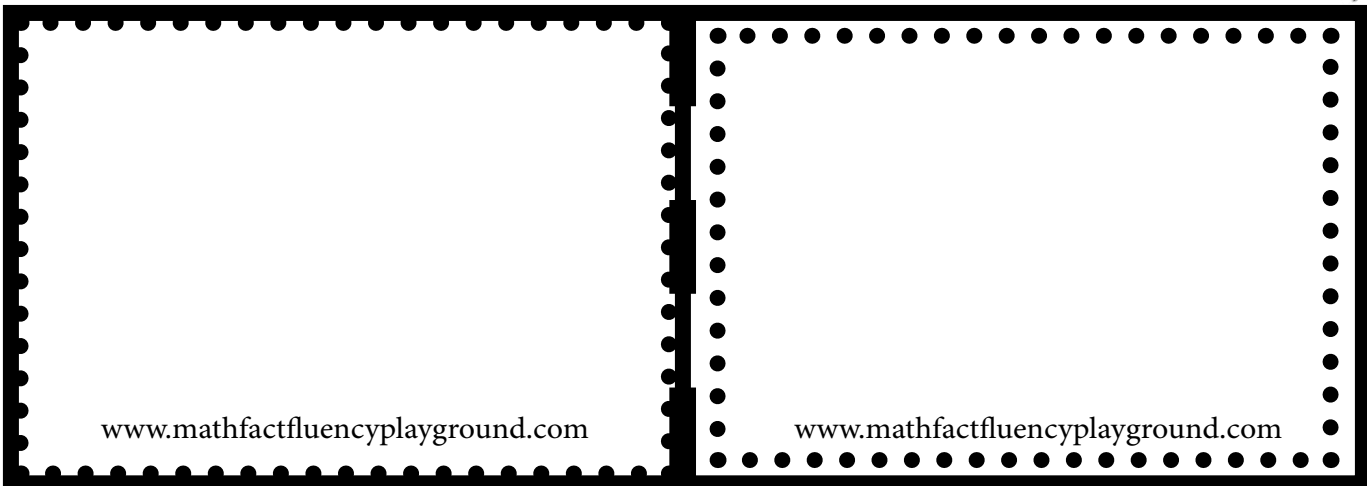
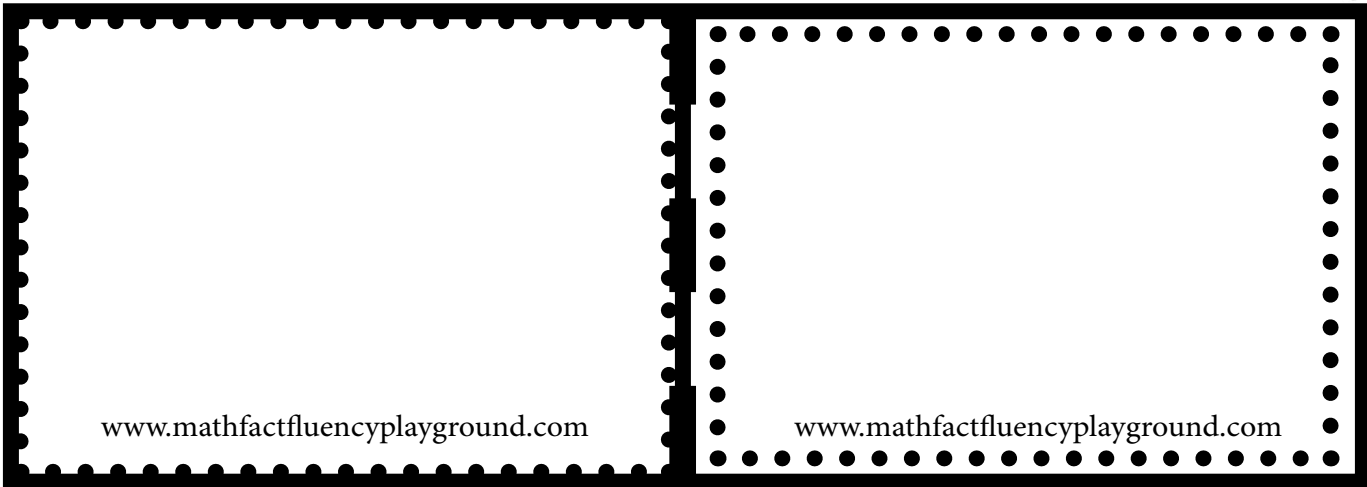
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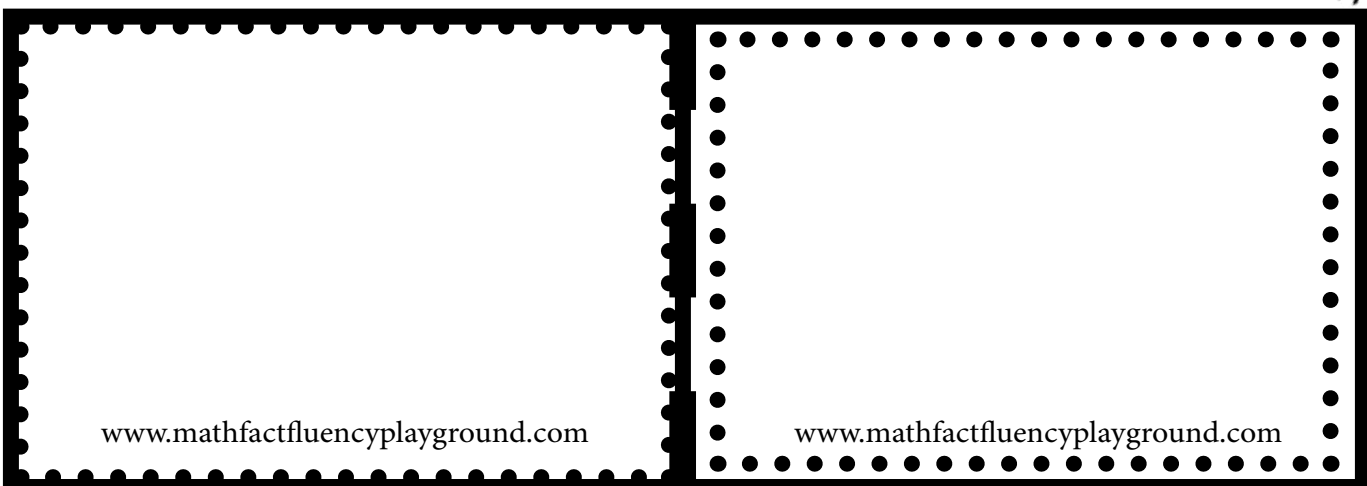
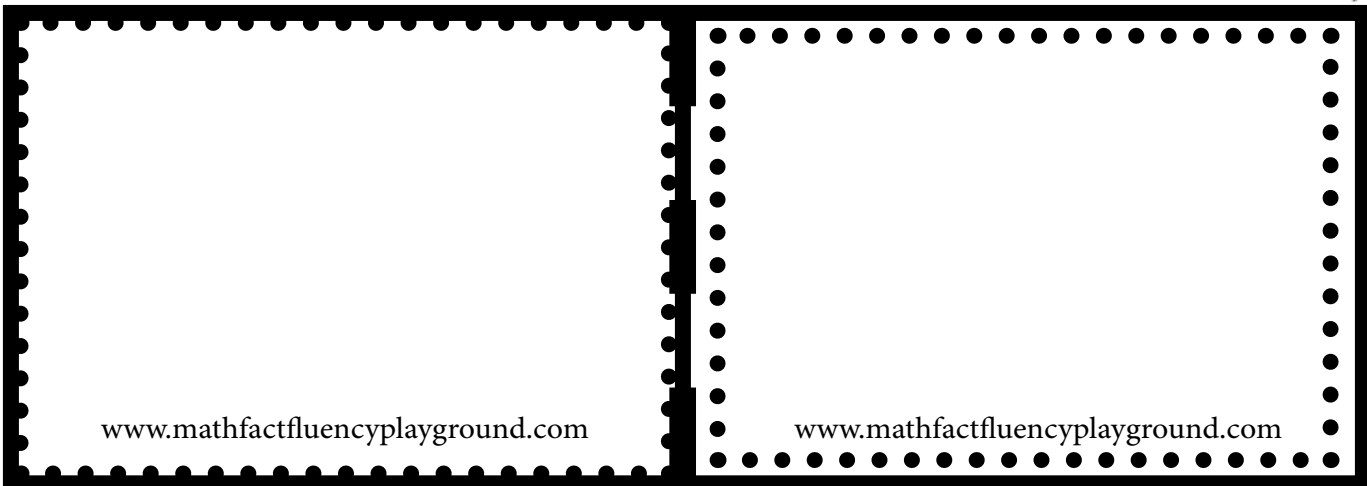
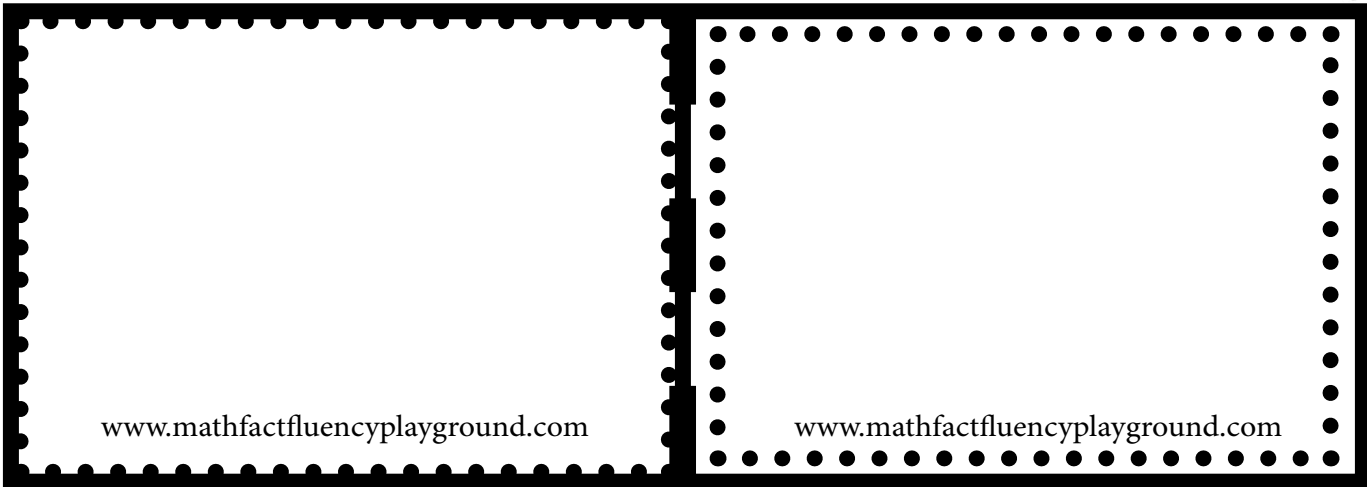
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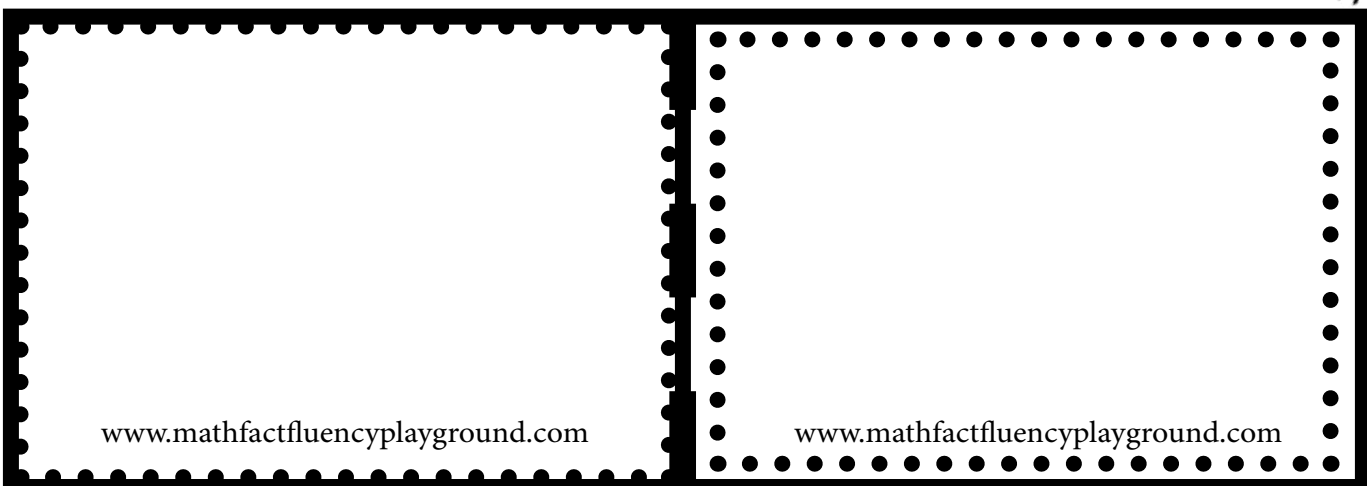
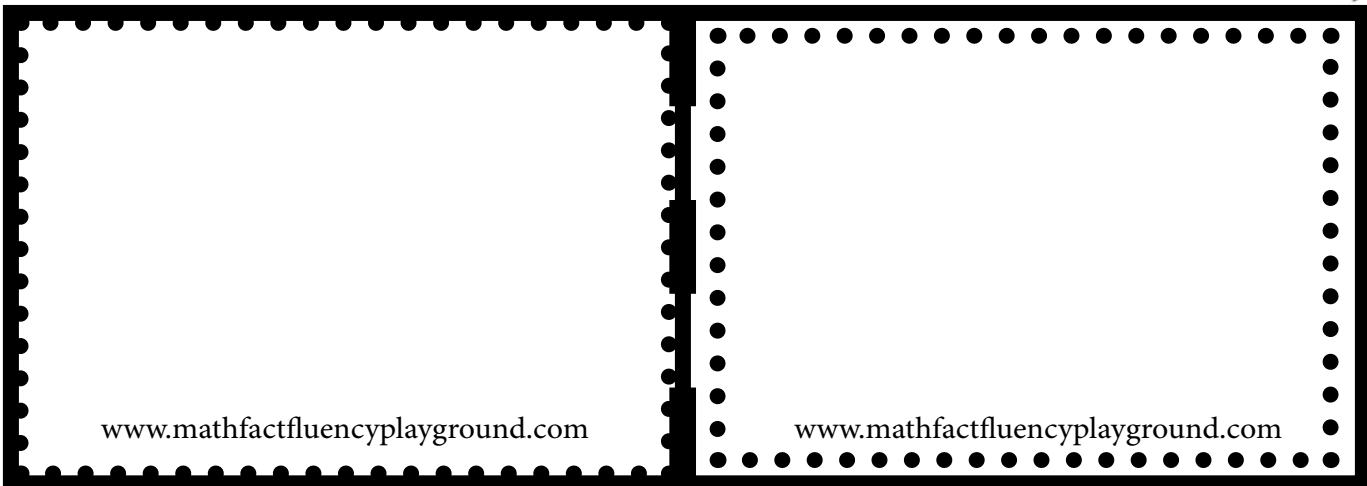
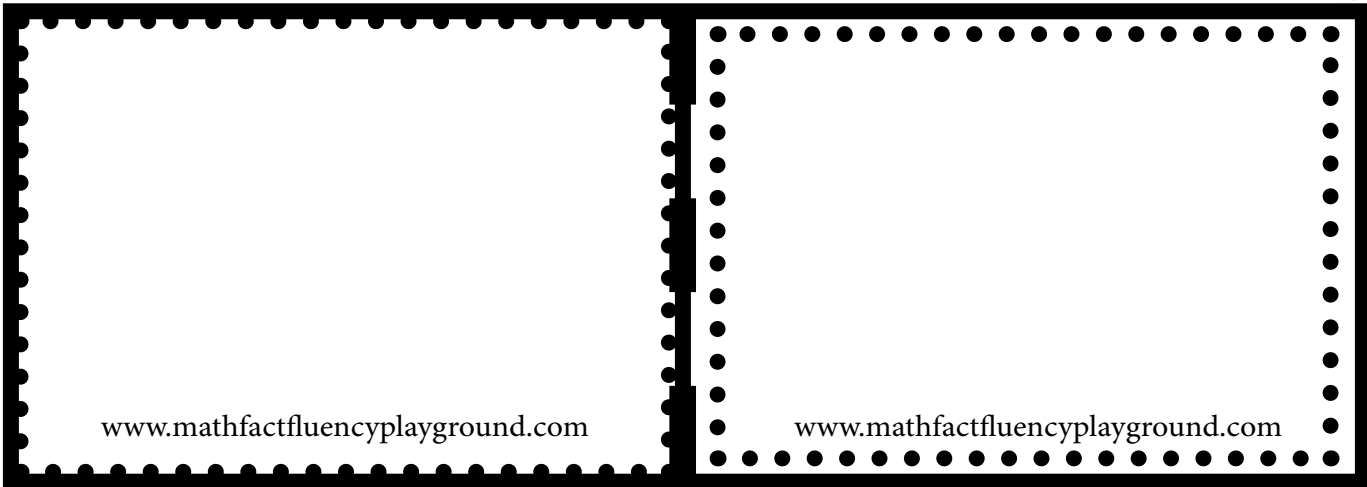


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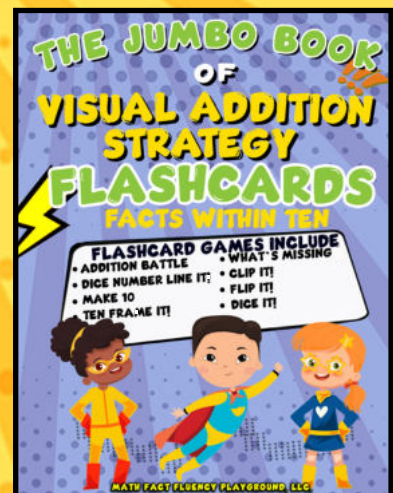
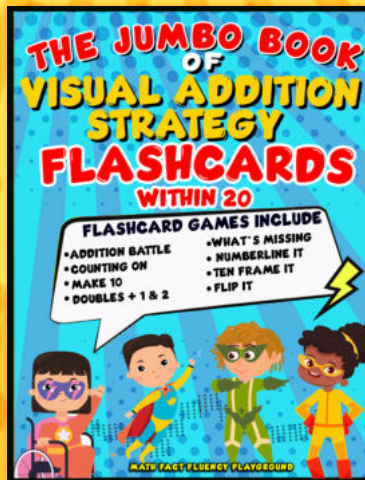
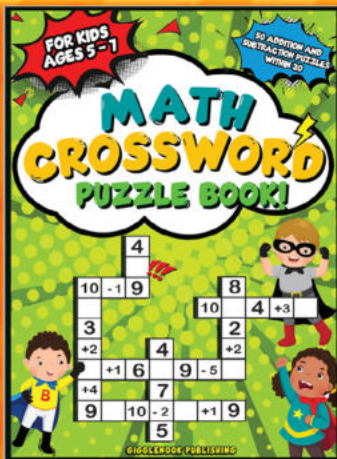






This activity book was created to help students with their basic addition and subtraction facts. It is a fun and engaging way for students to practice their fundamental math facts. Purposeful, intentional practice read over time helps students to learn their facts.

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