

# Worksheets from Addition on a Number Wheel Webinar by MisterNumbers 2016

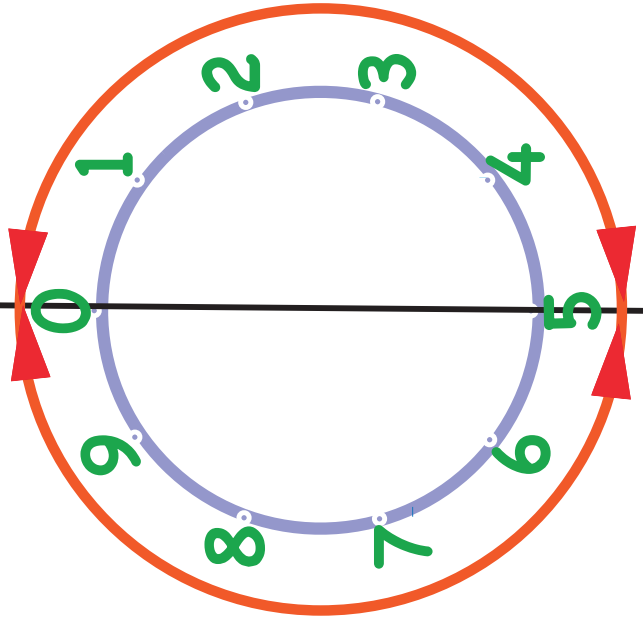
1. First Webinar: Boxes
2. Big Number Wheel worksheet for laminating
3. Ten Addition Number Wheel worksheet
4. Skip Counting by Twos starting at One worksheet
5. Skip Counting backward by Twos starting at Nine worksheet
6. Hands across the Sea: Directions for a group to find an answer on a NW
7. Nickel Jumps worksheet
8. Positions on a NW, rounded boxes worksheet
9. Positions on a NW, square boxes worksheet
10. Addition on a Number Wheel with circles, tables and addition fact groups
11. Circles and Tables on NW with only 0 facts filled in worksheet
12. Coloring Sheet with Numbers
13. Subtraction Wheel in Two colors
14. 10 Number Wheels with 1-2-3-4-5 jumps from each number
15. Double Number Wheel rug
16. Subtraction Worksheet with Tables and Wheels for 5 and 10
17. Math Frisbee Wheel
18. Circles and Tables on NW with top row facts filled in worksheet
19. Fun Number Wheel 1
20. Fun Number Wheel 2
21. Subtraction Number Wheel with 24 Nickel Jumps

# Creating the Number Wheel with 0-5 and Inside and Outside numbers

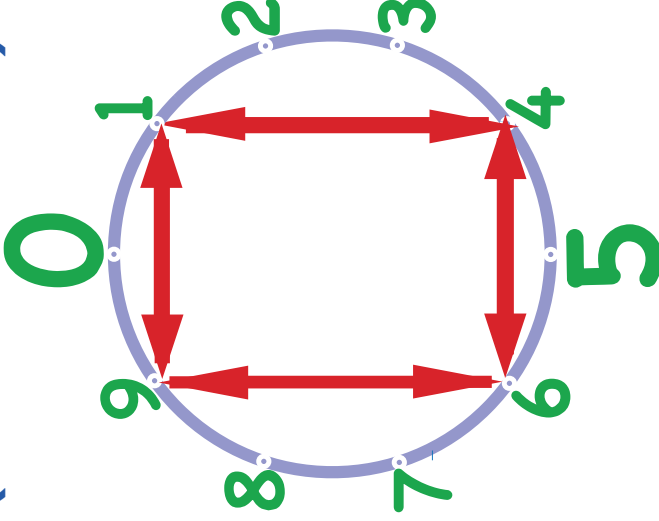
Divide the Wheel in half, also create 4 close and 4 away numbers

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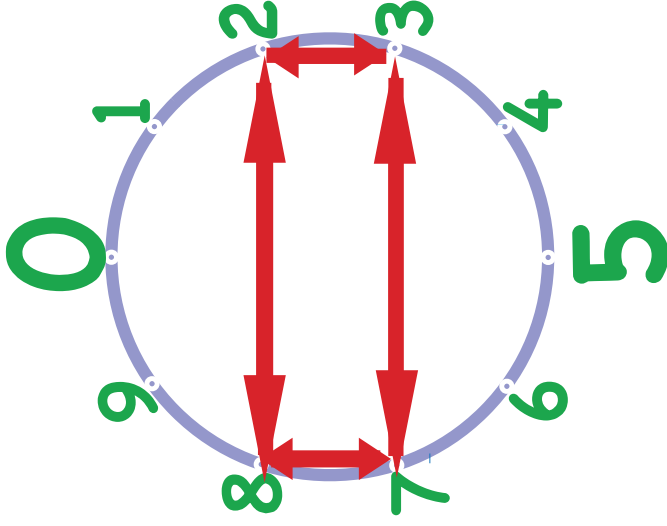
0 and 5 are the anchor  
points top and bottom



Inner Numbers (4)  
(Close to 0 and 5)



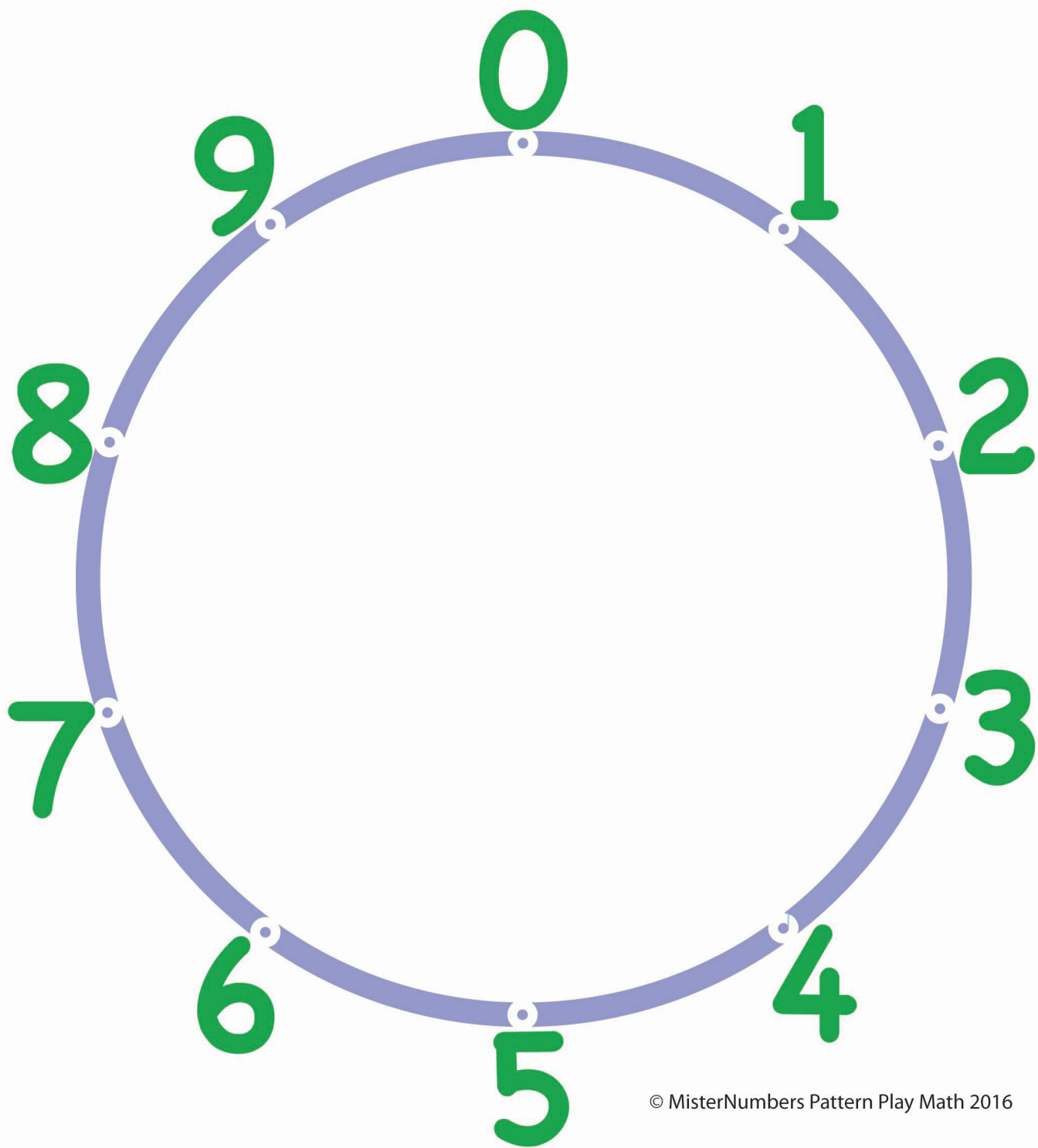
Outer Numbers (4)  
(Away from 0 and 5)



0 and 5 are half-way  
around and divide  
the circle in half

1-9 and 4-6 are next  
and add up to ten.  
1-4 & 6-9 are 5-Adds

2-8 and 3-7 are left  
and add up to ten.  
2-3 & 7-8 are 5-Adds

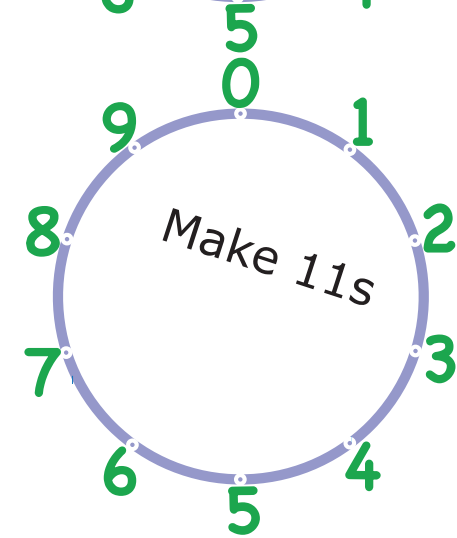
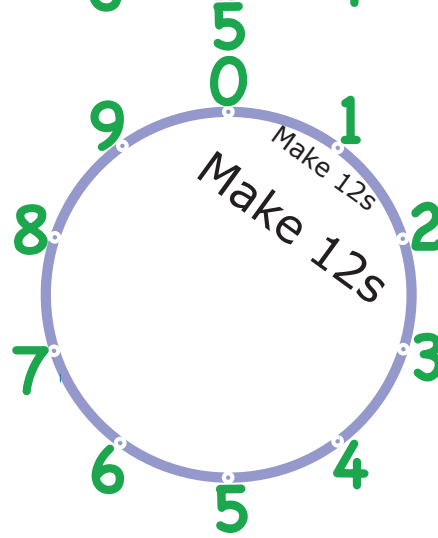
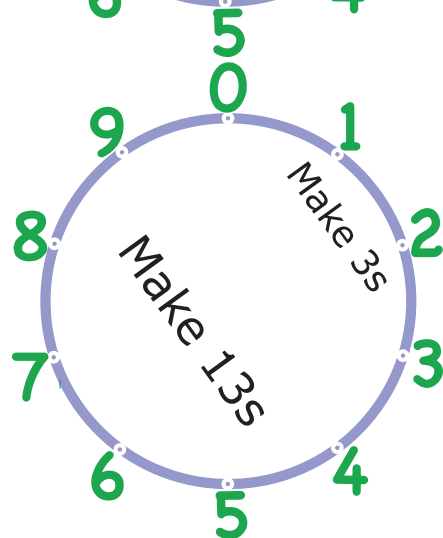
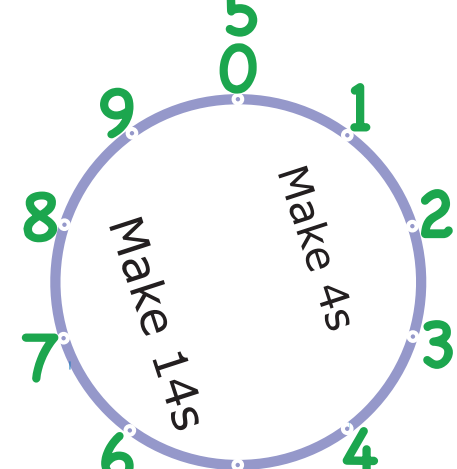
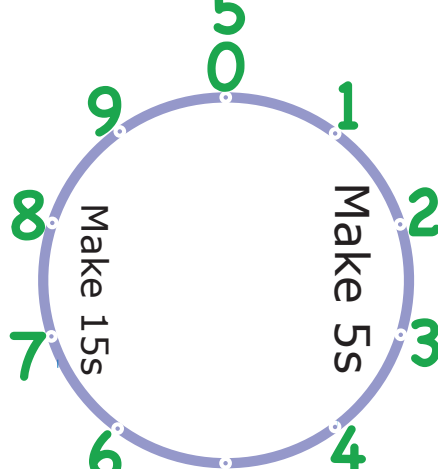
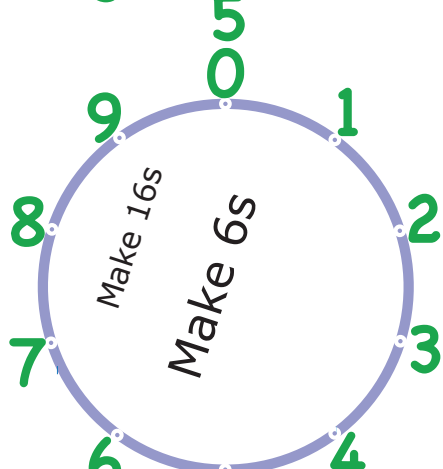
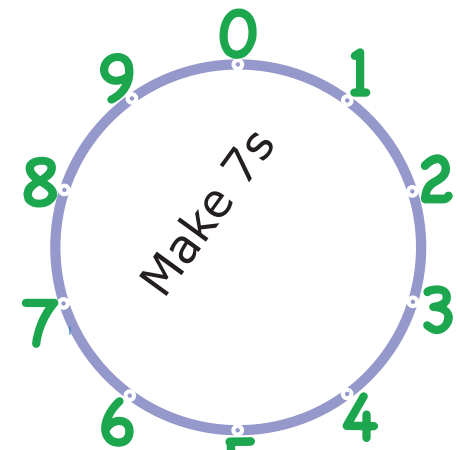
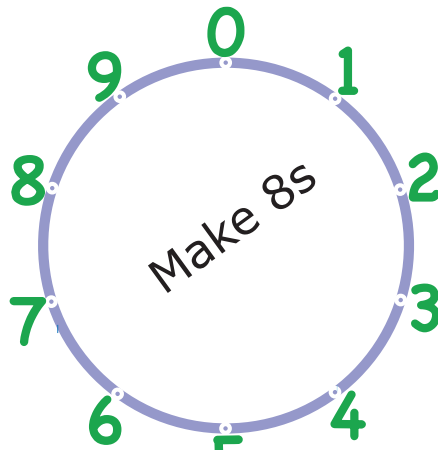
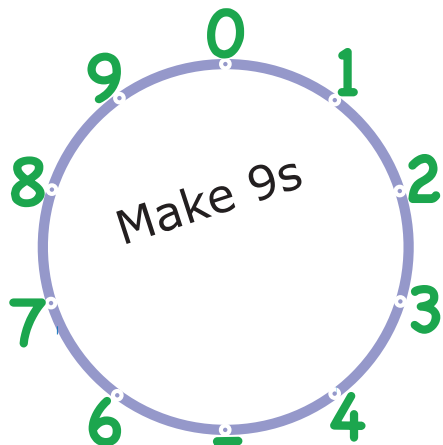
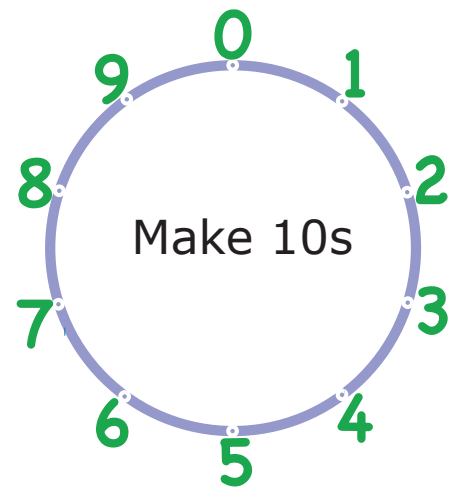


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# Draw Lines to add 2 Numbers

Circle a Number to double it  
(Left of zero creates teens)

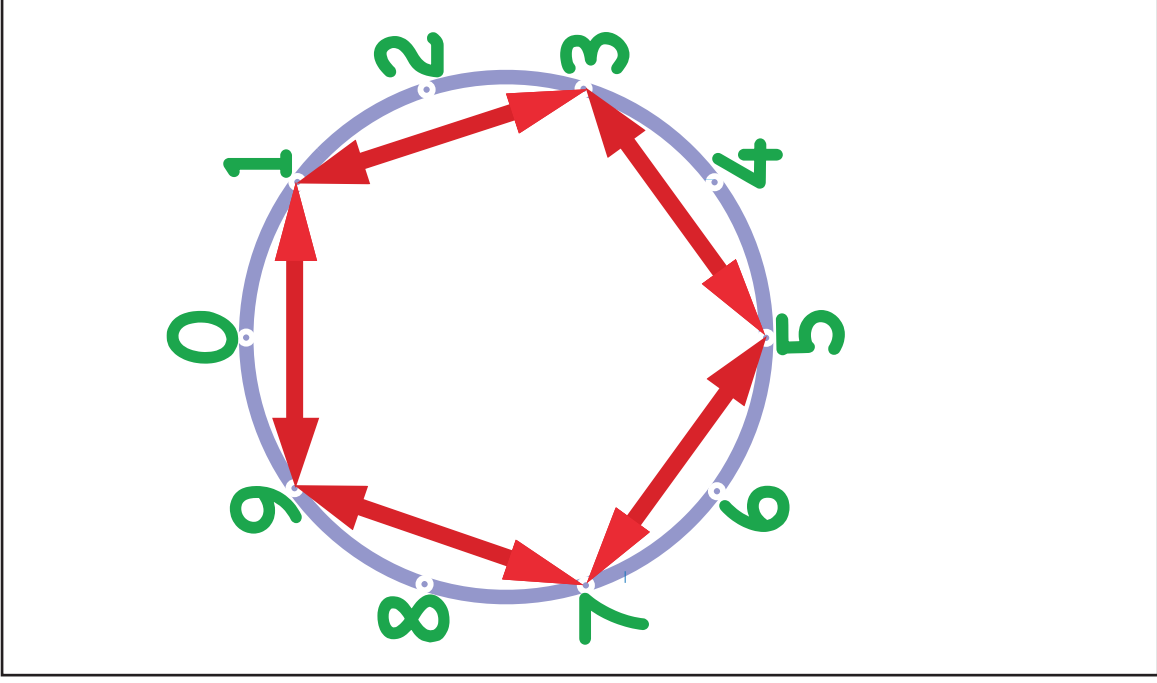
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# Counting by Twos starting at 1 (Very Odd)

ODD NUMBERS  
BACKWARDS

1	3	5	7	9	(x5)
1	3	5	7	9	(x10)
1	3	5	7	9	(x15)
1	3	5	7	9	(x20)
1	3	5	7	9	(x25)
1	3	5	7	9	(x30)
1	3	5	7	9	(x35)
1	3	5	7	9	(x40)
1	3	5	7	9	(x45)
1	3	5	7	9	(x50)

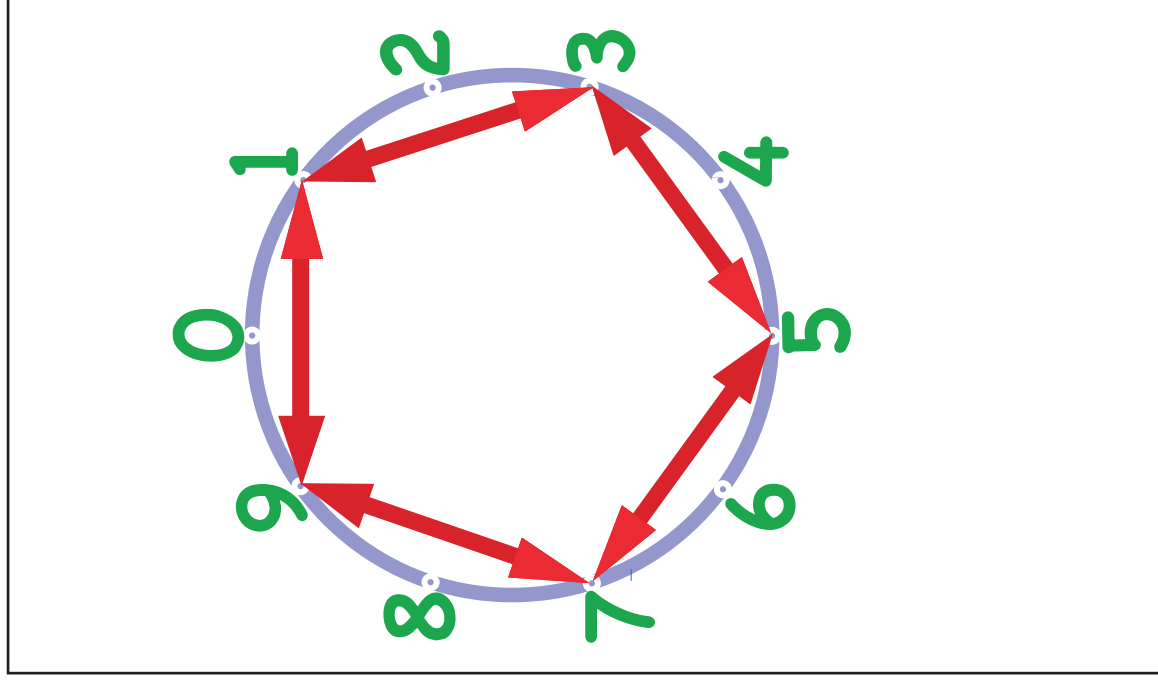


<http://RightBrainMath.com> MisterNumbers on Youtube

# Twos counting backwards from Nine

ODD NUMBERS  
BACKWARDS

9	7	5	3	1	(x5)
9	7	5	3	1	(x10)
9	7	5	3	1	(x15)
9	7	5	3	1	(x20)
9	7	5	3	1	(x25)
9	7	5	3	1	(x30)
9	7	5	3	1	(x35)
9	7	5	3	1	(x40)
9	7	5	3	1	(x45)
9	7	5	3	1	(x50)



<http://RightBrainMath.com> MisterNumbers on Youtube

## Hands across the Sea

**Materials:** NW rug and 10 students, blank paper and pencils, Zero NW Table sheet.

**Directions:** Teacher stands on Zero and invites others to stand on numbers.

T says "4 and 5 connect" and kids on 4 and 5 touch fingers, point, or hold hands. Any other students write down the number pairs. One student writes all numbers down on the board.

T says "Tap next numbers" 4 and 5, tap 3 and 6 and they say their numbers. Hold hands or point at each other.

T says "Connect and tap", they tap 2 and 7 and they say their numbers. Hold hands or point.

T says "Connect and tap", they tap 1 and 8 and they say their numbers. Hold hands or point.

T says "Connect and tap", they tap 0 and 9 and they say their numbers. Hold hands

T says "0 and 9 add up to 9, right?"

T says "All these pairs add up to 9, Say your number and your partner number = 9, start with 1" All other students write down the pairs of numbers = 9.

Circle goes around. At 9, teacher encourages student to say TEN plus NINE = Ten Nine or Nineteen. Students go to their Zero NW table sheet and fill in the Make Nines table, starting by writing 0-1-2-3-4 in the top row OR have a table with these numbers in place. See where they are done that the numbers go around in a circle.

Teacher again stands on Zero and invites others to stand on numbers.

T says "4 and 6 connect" and kids on 4 and 6 hold hands. Any other students write down the number pairs. One student writes all numbers down on the board.

T says "Tap next numbers" 4 and 6, tap 3 and 7 and they say their numbers. Hold hands or point at each other.

T says "Connect and tap", they tap 2 and 8 and they say their numbers. Hold hands or point.

T says "Connect and tap", they tap 1 and 9 and they say their numbers. Hold hands or point.

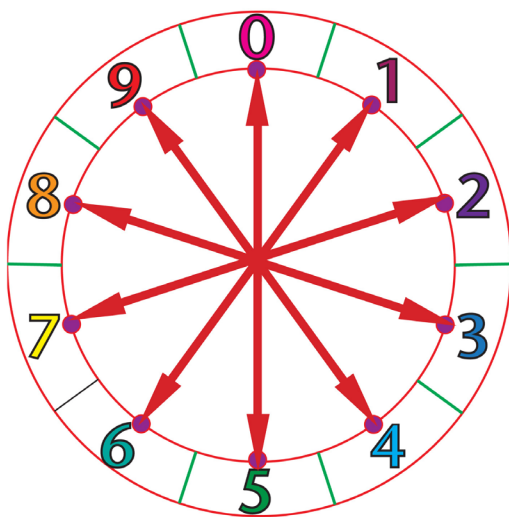
T says "Connect and tap", they both tap 0 and T says "I am both 0 and 10 and add up to ten, right?"

T says "All these pairs add up to 10, Say your number and your partner number = 10, start with 1" All other students write down the pairs of numbers = 10. We get to FIVE and five is all alone, across from 0. T says, "Five is all alone, fold your hands like this and say Five and five are ten. Continue around. Circle goes around.

Students go to their Zero NW table sheet and fill in the Make Tens table. Start by writing

-0=1=2=3=4=5 in the top row

**STEP, STRIDE, HOP, SKIP, JUMP away from each other.  
is 1, 2, 3, 4, or 5 Numbers away from a starting number**



## Fill in missing tens digits **ADD FIVES**

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**Start at 0 and 5 in first two columns, then 1 and 6, then 2 and 7, then 3 and 8, then 4 and 9**

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

<b>0</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>9</b>
10	15	1	6	2	7	3	8	4	9
20	25	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9
0	5	1	6	2	7	3	8	4	9

## **SUBTRACT FIVES**

**Subtract 5s 56-51-46-41 Continue for all**

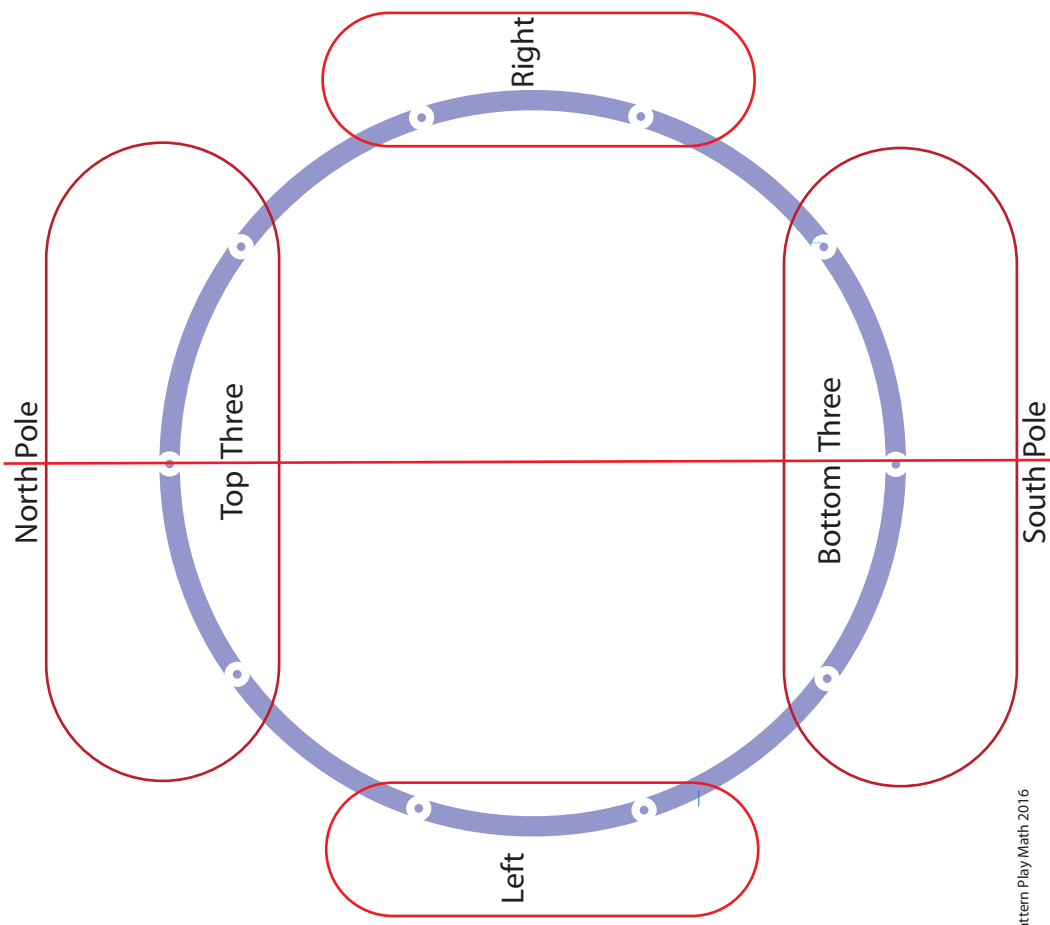
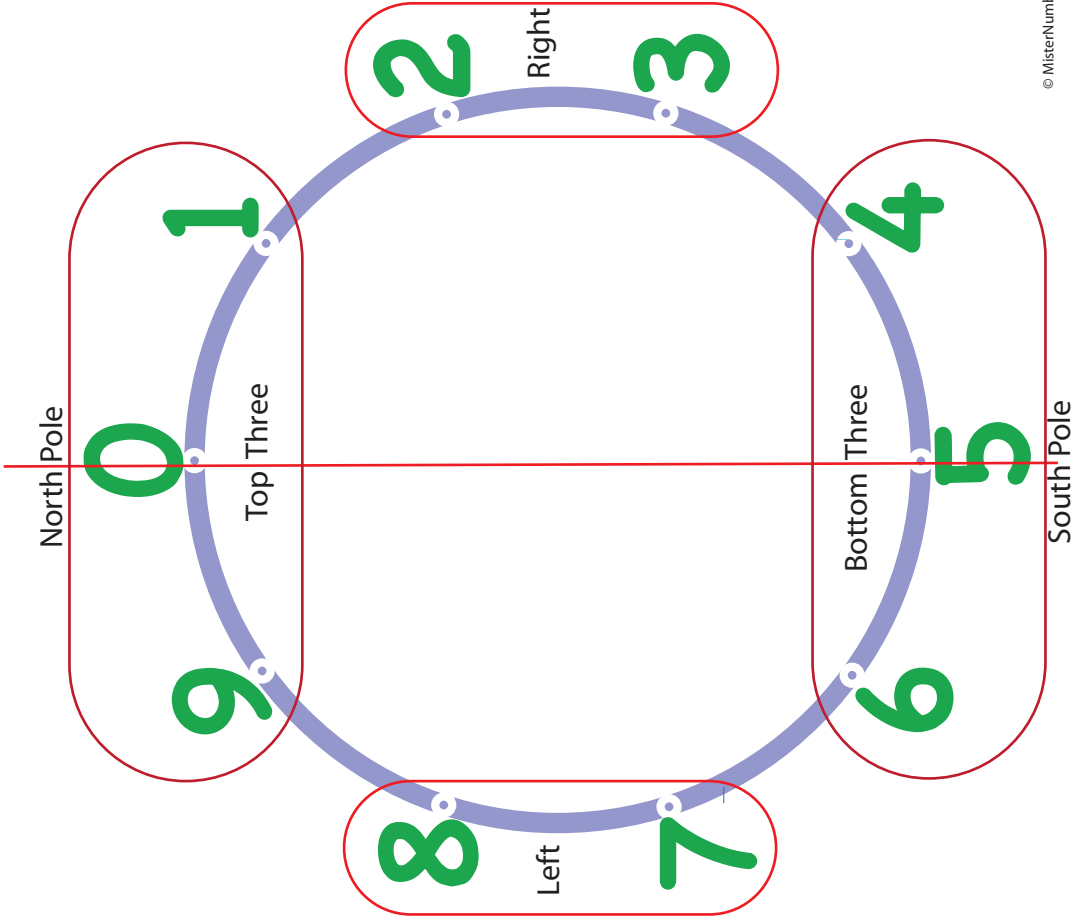
56	51	57	52	58	53	59	54	55	50
6	1	7	2	8	3	9	4	5	0
6	1	7	2	8	3	9	4	5	0
6	1	7	2	8	3	9	4	5	0
6	1	7	2	8	3	9	4	5	0
6	1	7	2	8	3	9	4	5	0



# Visualizing Numbers on the Wheel

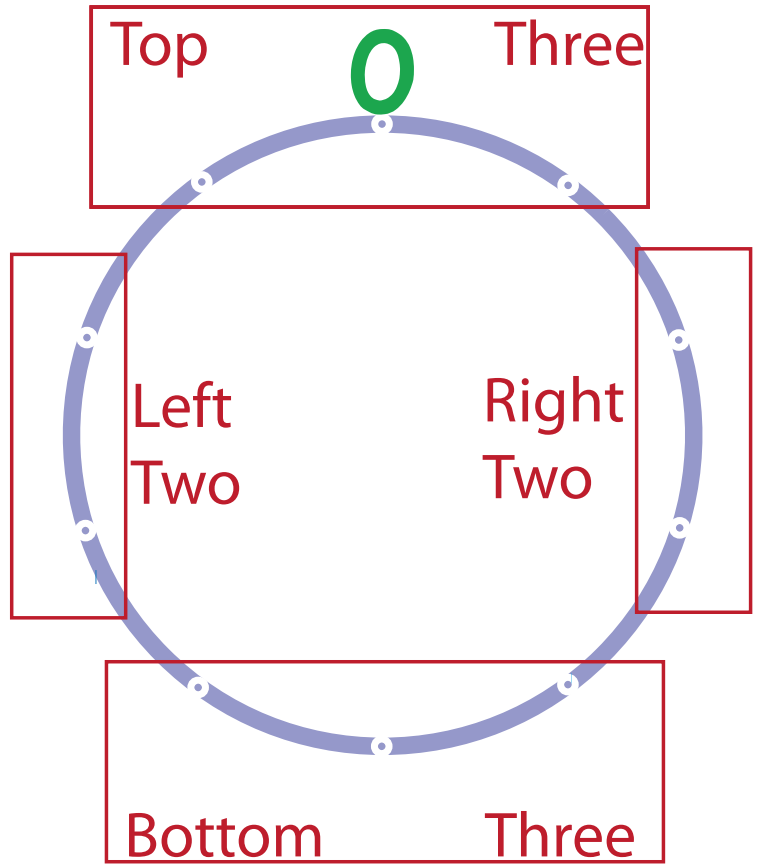
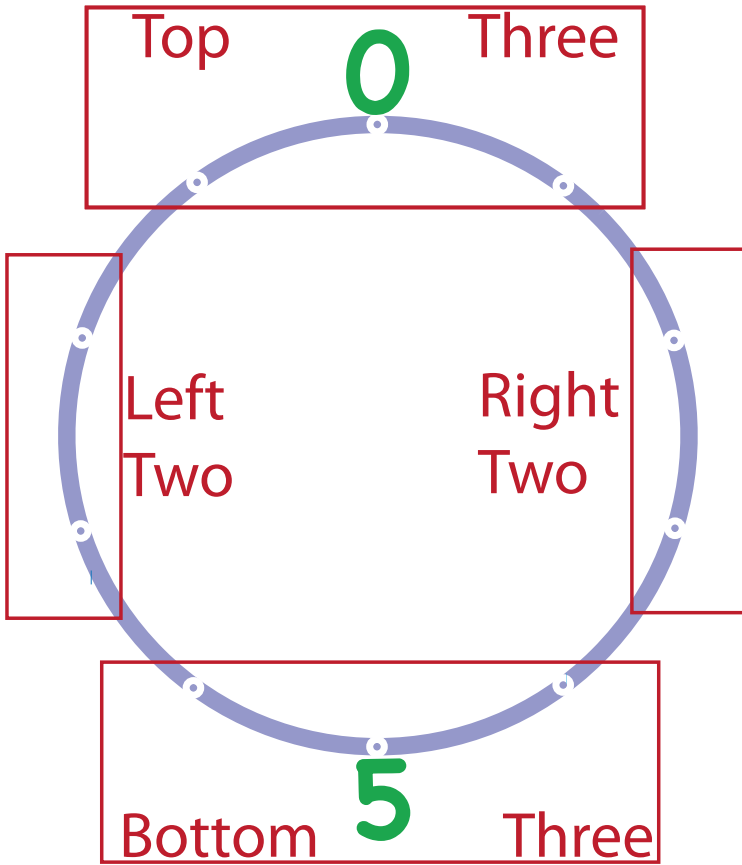
Fold this paper in half and see how many numbers kids can place on the wheel. Easier? Unfold it. Harder? Give them random numbers to place on the wheel

Seeing the Wheel in you head can help you see whether a pair of numbers are a 10-add, 9-add, etc. Use this with the 0-5-0 Worksheet

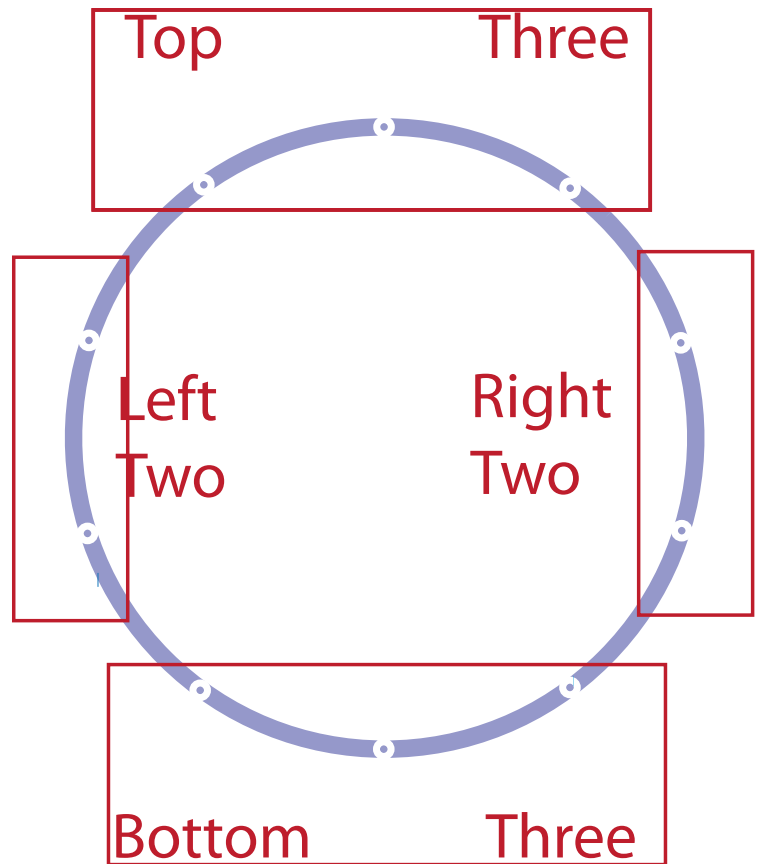
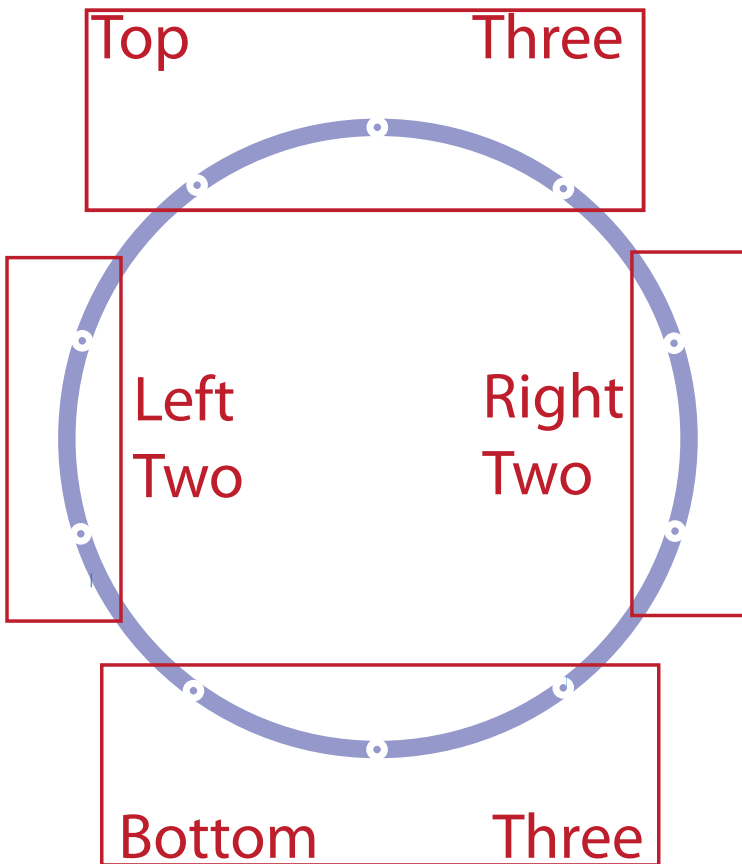


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**Number Wheel Pairs adding to the same number** All tables are 0-1-2-3-4-5-6-7-8-9 Clockwise  
**ADD ODD PAIRS OF NUMBERS ADDING UP TO 9, 7, 5, 3, 11** LOOK at the wheel, then Add pairs, start a

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**Adding to Nines**

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

**Adding to Sevens (or 17)**

9	0	1	2	3
8	7	6	5	4
17	7	7	7	7

**Adding to Fives (or 15)**

8	9	0	1	2
7	6	5	4	3
15	15	5	5	5

**Adding to Thirteen (or 3)**

7	8	9	0	1
6	5	4	3	2
13	13	13	3	3

**Adding to ELEVEN (or 1)**

6	7	8	9	10
5	4	3	2	1
11	11	11	11	11

**EVEN PAIRS OF NUMBERS ADDING UP TO 10, 8, 6, 4, 2 (also 20, 18, 16, 14, 12)**  
**Pairs of Numbers adding up to 10**

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

**Pairs of Numbers adding up to 8 (or 18)**

9	0	1	2	3	4
9	8	7	6	5	4
18	8	8	8	8	8

**Pairs of Numbers adding up to 6 (or 16)**

8	9	0	1	2	3
8	7	6	5	4	3
16	16	6	6	6	6

**Pairs of Numbers adding up to 4 (or 14)**

7	8	9	0	1	2
7	6	5	4	3	2
14	14	14	4	4	4

**Pairs of Numbers adding up to 2 (or 12)**

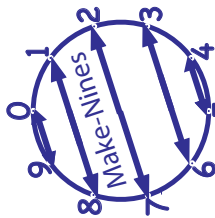
6	7	8	9	0	1
6	5	4	3	2	1
12	12	12	12	2	2

**Number Wheel Pairs adding to the same number** All tables are 0-1-2-3-4-5-6-7-8-9 Clockwise  
**ADD ODD PAIRS OF NUMBERS ADDING UP TO 9, 7, 5, 3, 11** LOOK at the wheel, then Add pairs, start

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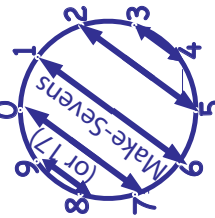
Adding to Nines

0	
9	
9	



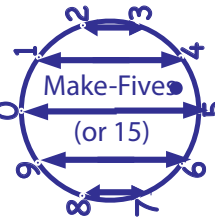
Adding to Sevens (or 17)

0	
7	
7	



Adding to Fives (or 15)

0	
5	
5	



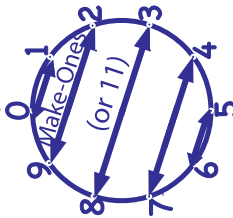
Adding to Thirteen (or 3)

0	
3	
3	



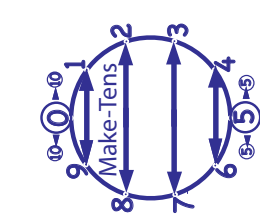
Adding to ELEVEN (or 1)

10	
1	
11	



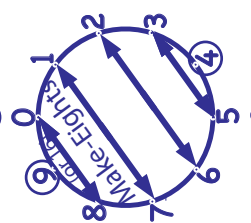
**ADD EVEN PAIRS OF NUMBERS ADDING UP TO 10, 8, 6, 4, 2 (also 20, 18, 16, 14, 12)** Each goes clockwise fr  
**Pairs of Numbers adding up to 10** © MisterNumbers Pattern Play Math 2016

0	
10	
10	



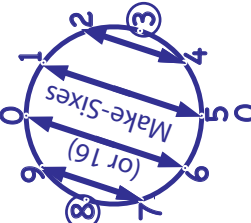
Pairs of Numbers adding up to 8 (or 18: example 9+9)

0	
8	
8	



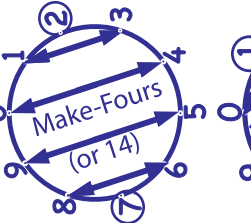
Pairs of Numbers adding up to 6 (or 16= 9+9)

0	
6	
6	



Pairs of Numbers adding up to 4 (or 14)

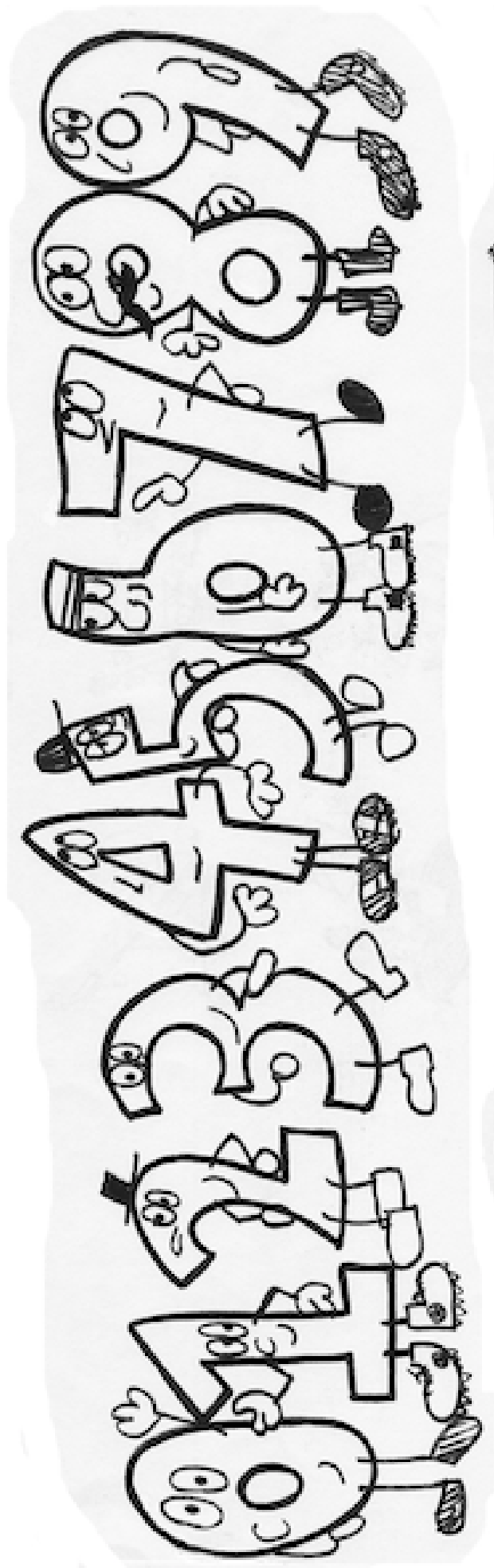
0	
4	
4	



Pairs of Numbers adding up to 2 (or 12)

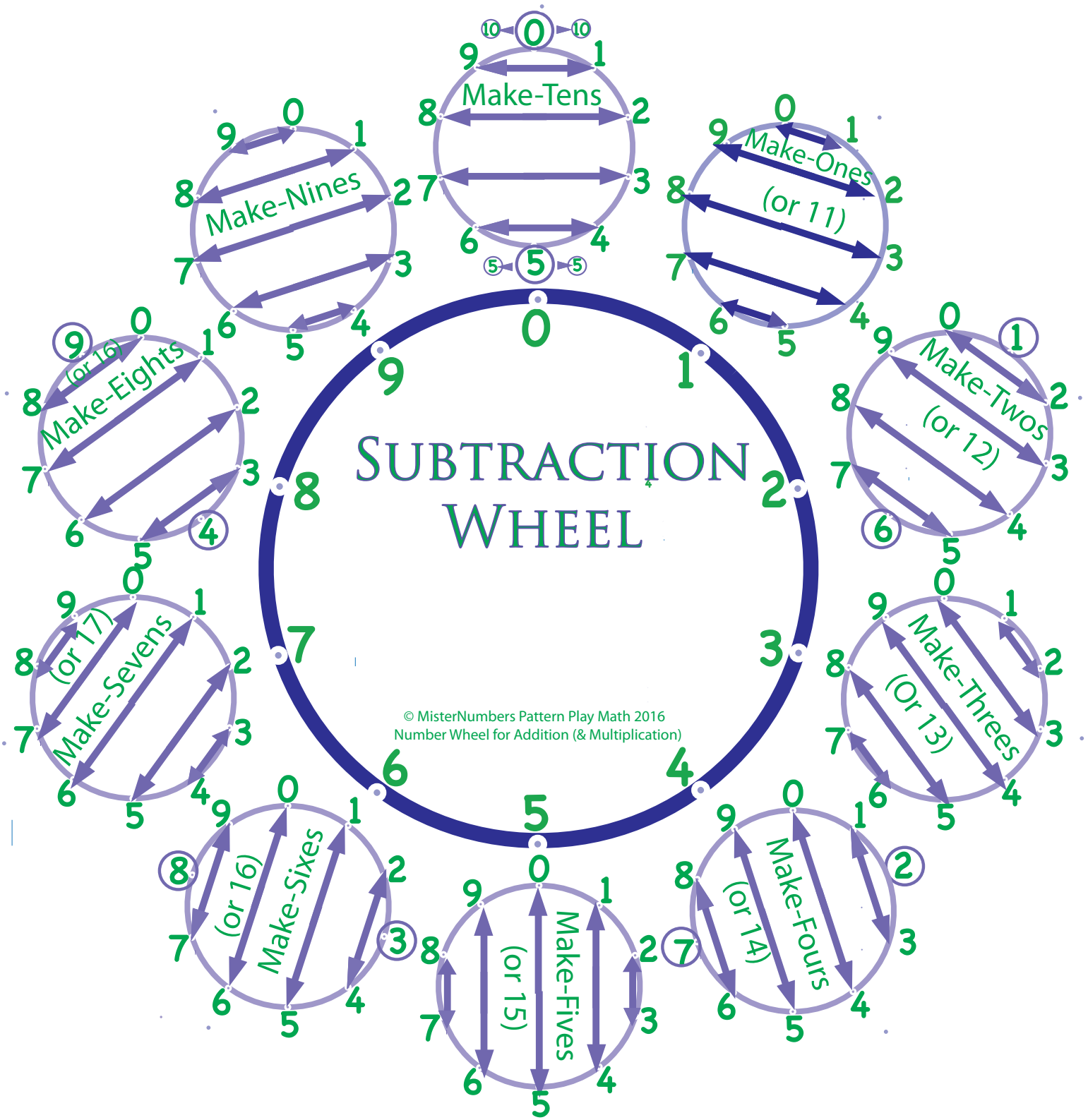
0	
2	
2	





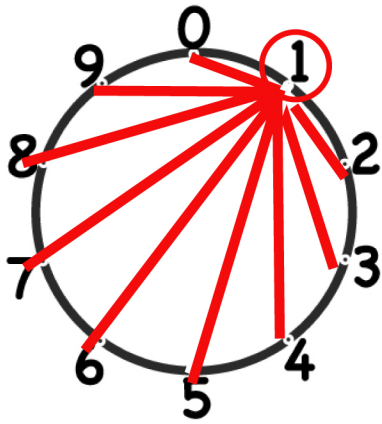
# SUBTRACTION WHEEL

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Number Wheel for Addition (& Multiplication)

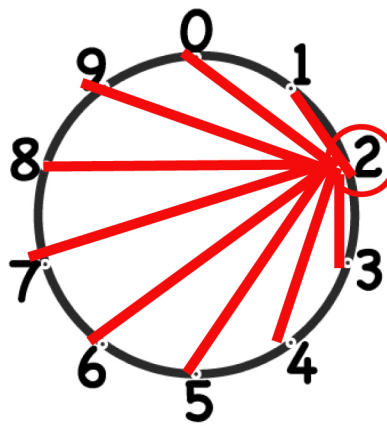


# Number Wheels

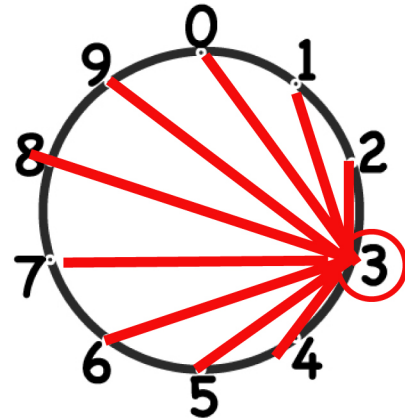
Practice Number Wheels for any Numbers



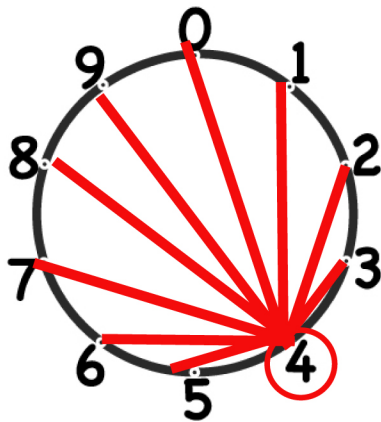
Ones



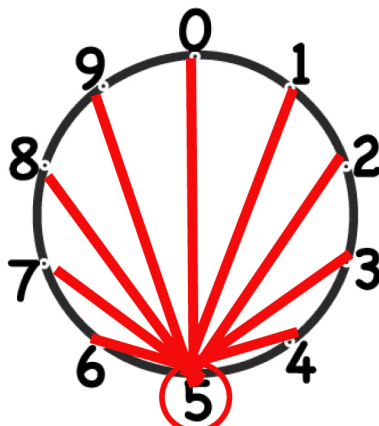
Twos



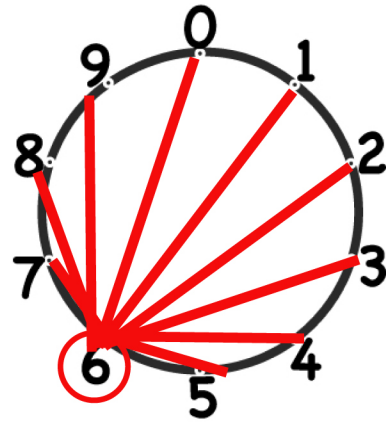
Threes



Fours

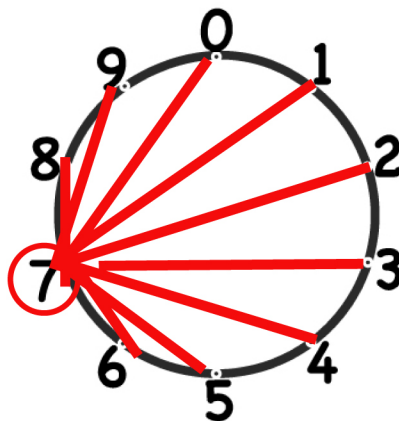


Fives

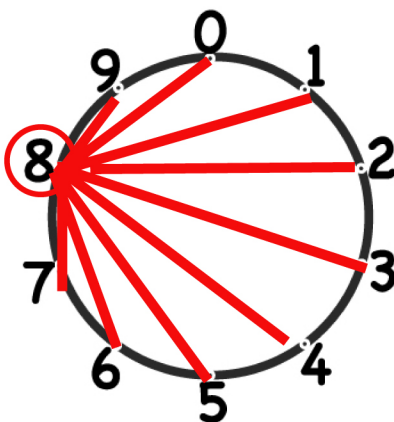


Sixes

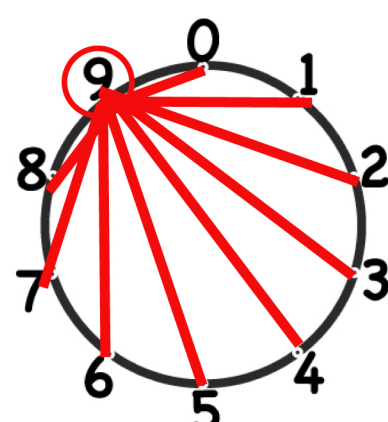
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Sevens

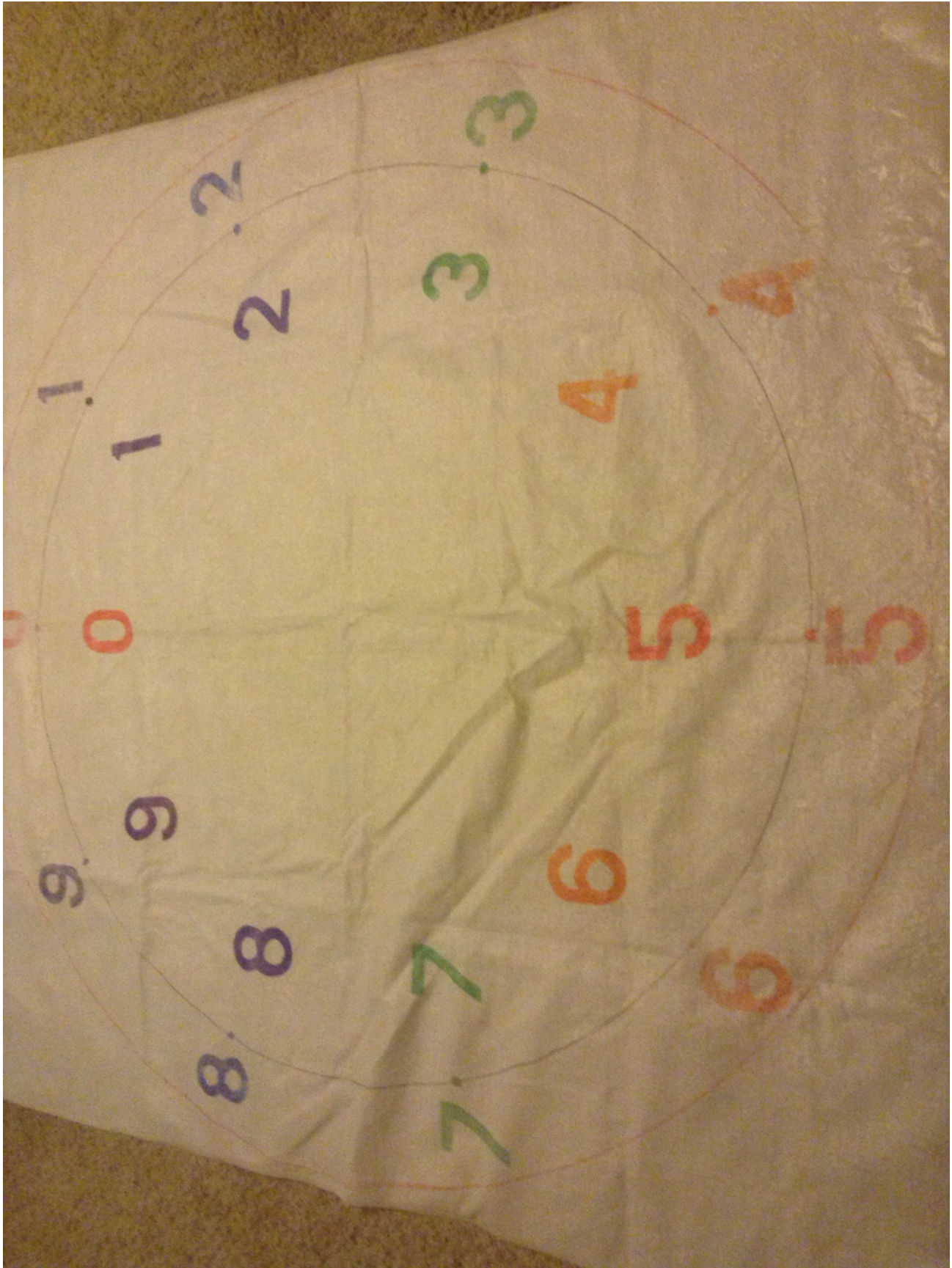


Eights



Nines







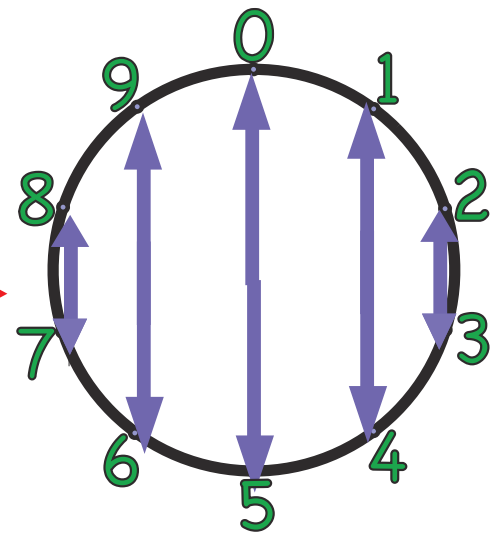
**Number Wheel Subtracting from 5 and 10** See Subtraction Wheel

Inside number of big wheel is on top, then go to wheel outside top number, find minus number and follow arrow

**Subtracting from 5**

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

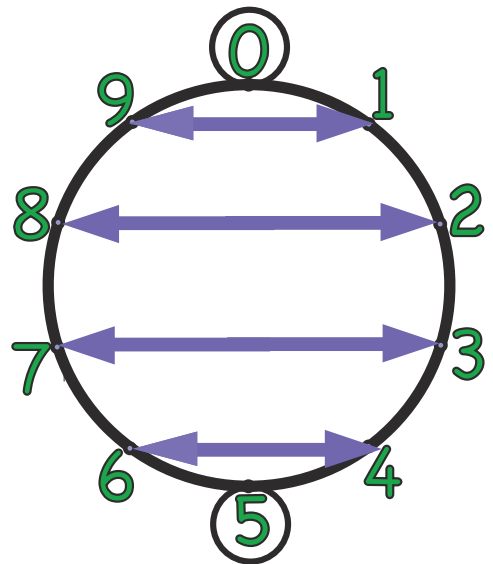


Subtracting from 5 or 15? Go to this wheel →  
**Subtracting from 15**

15	15	15	15	15	15
-5	-6	-7	-8	-9	-10
10					

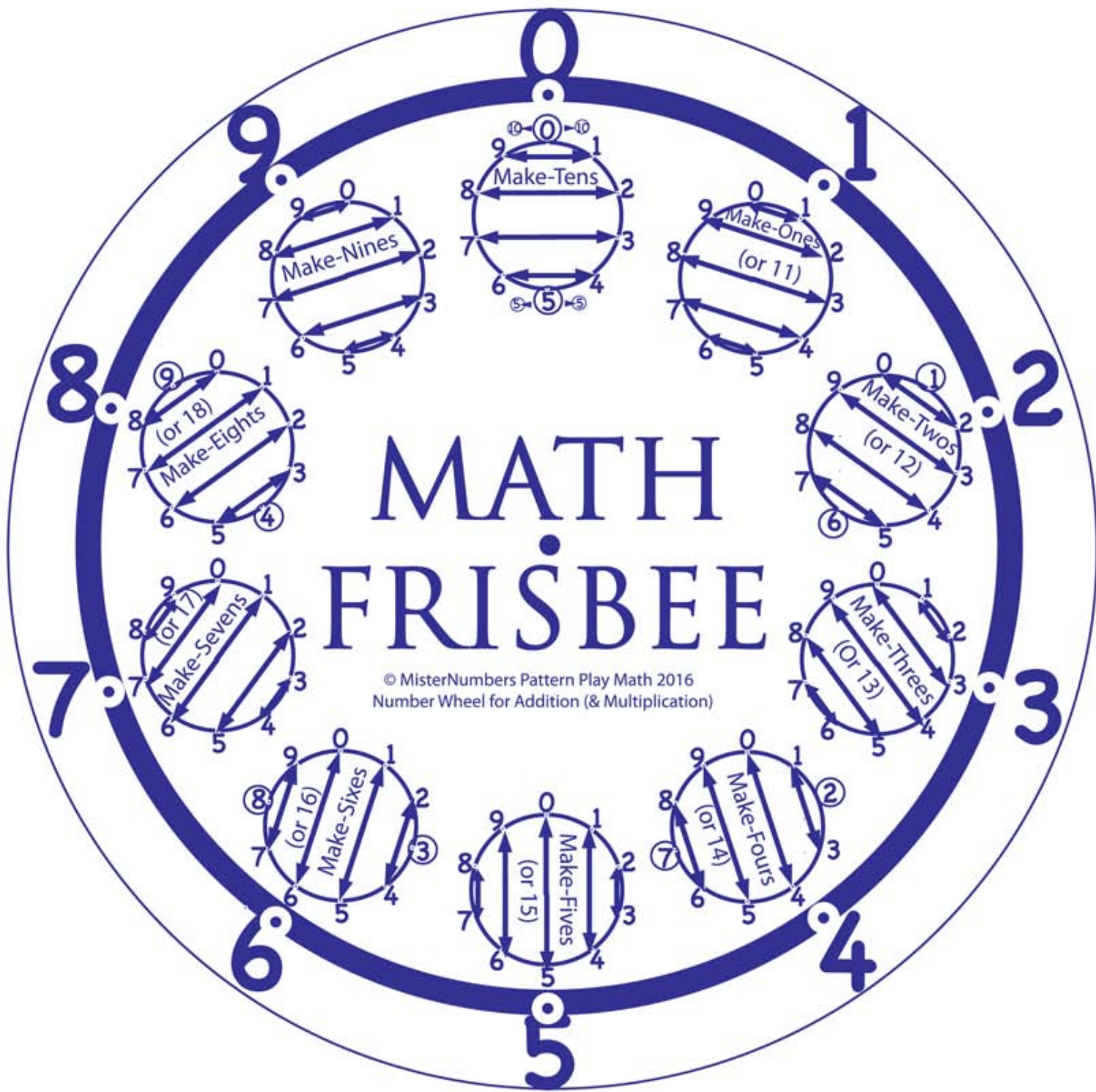
**Subtracting from 10**

10	10	10	10	10	10
-0	-1	-2	-3	-4	-5
10					



Subtracting from 10? Go to this wheel →  
**Subtracting from 10**

10	10	10	10	10
-6	-7	-8	-9	-10
				0



# Look at Wheel and fill in number to add

Number Wheel Pairs adding to the same ODD number 9, 7, 5, 3, 1  
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<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>+9</b>	+	+	+	+
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>

Adding to Sevens (or 17)



<b>9</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>+7</b>	+	+	+	+
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>

Adding to Fives (or 15)



<b>8</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>+5</b>	+	<b>+5</b>	+	+
<b>15</b>	<b>15</b>	<b>5</b>	<b>5</b>	<b>5</b>

Adding to Threes (or 13)



<b>7</b>	<b>8</b>	<b>9</b>	<b>0</b>	<b>1</b>
<b>+3</b>	+	+	<b>+3</b>	+
<b>13</b>	<b>13</b>	<b>13</b>	<b>3</b>	<b>3</b>

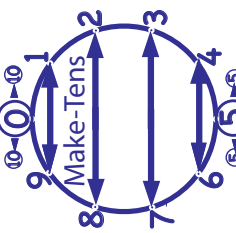
Adding to Ones (or 11)



<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>+1</b>	+	+	+	<b>+1</b>
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>

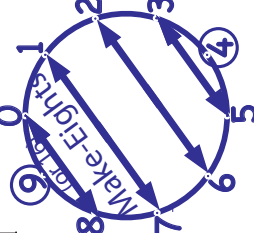
PAIRS OF NUMBERS ADDING UP TO EVEN 10, 8, 6, 4, 2 (also 20, 18, 16, 14, 12)

Pairs of Numbers adding up to 10 **EVEN NUMBERS**



<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>+10</b>	+	+	+	+	+
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

Pairs of Numbers adding up to 8 (or 18)



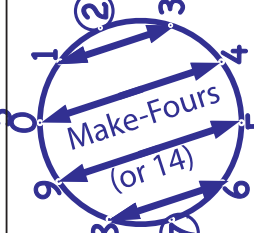
<b>9</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>+8</b>	+	+	+	+	+
<b>18</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>

Pairs of Numbers adding up to 6 (or 16)



<b>8</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>+6</b>	+	<b>+6</b>	+	+	+
<b>16</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>

Pairs of Numbers adding up to 4 (or 14)



<b>7</b>	<b>8</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>+4</b>	+	+	<b>+4</b>	+	+
<b>14</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

Pairs of Numbers adding up to 2 (or 12)

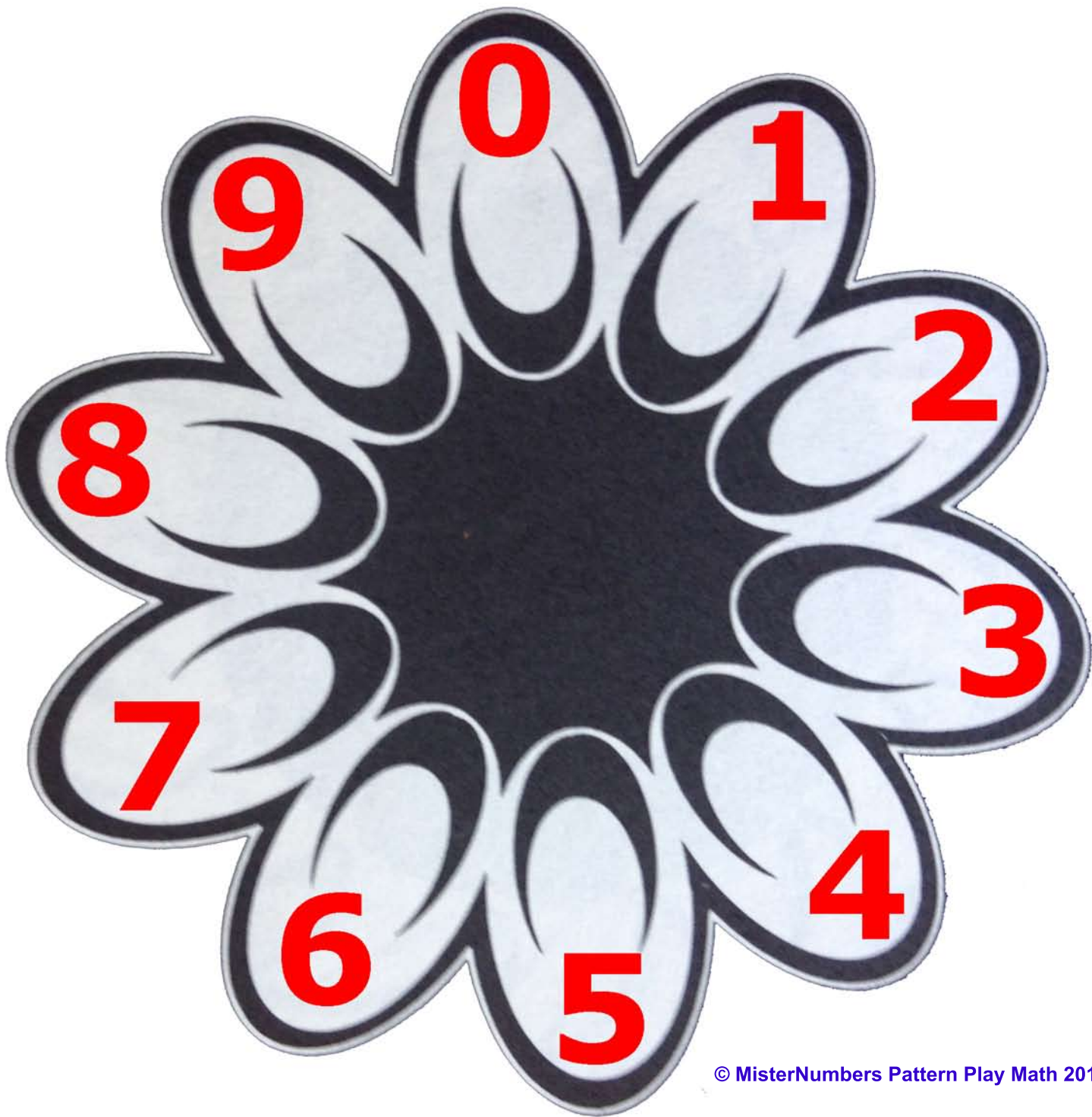


<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>0</b>	<b>1</b>
<b>+2</b>	+	+	+	<b>+2</b>	+
<b>12</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

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 Notice all numbers in the tables are in sequence as you go around clockwise

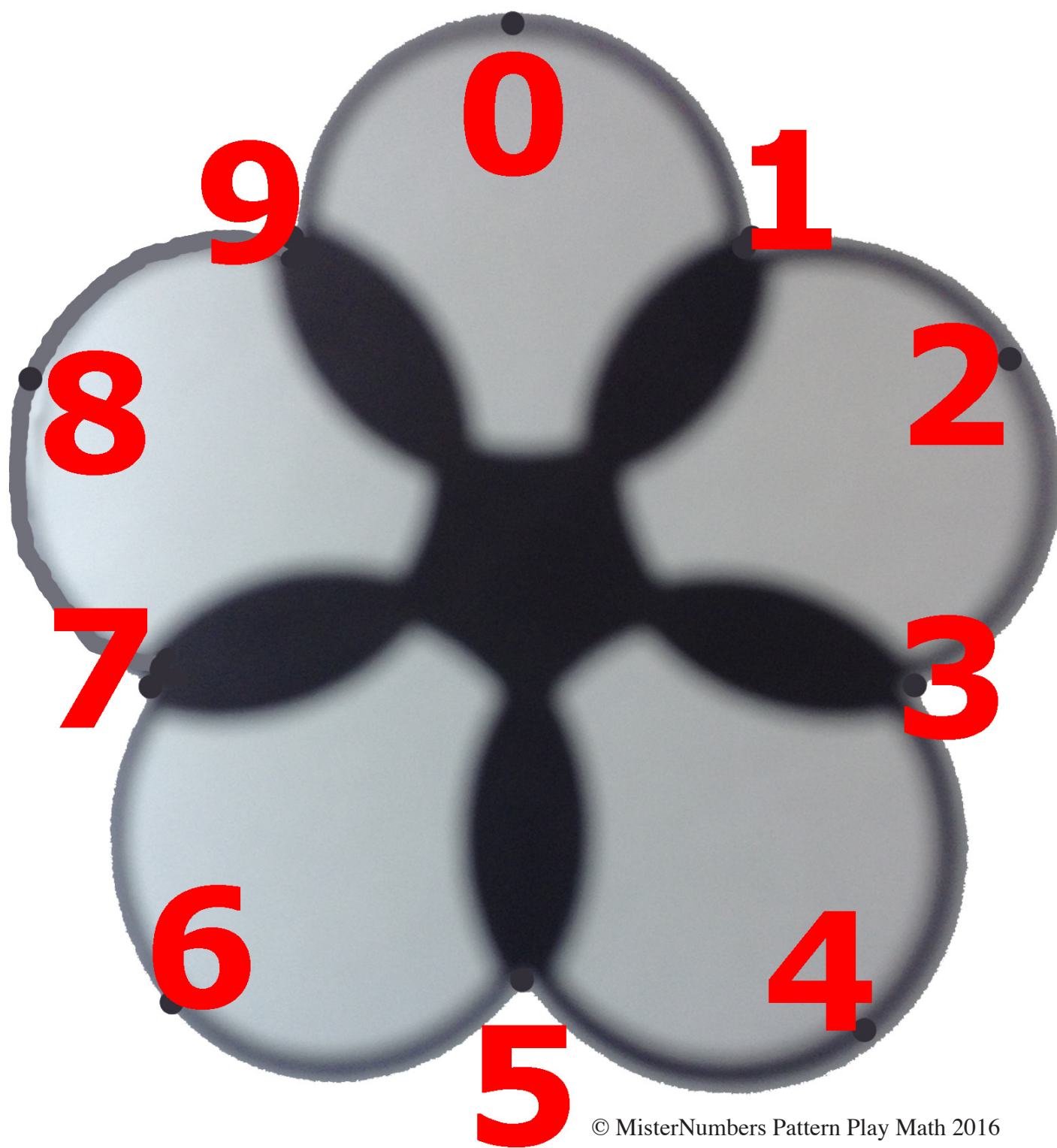


# Fun Number Wheel 1



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# Fun Number Wheel 2



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# Subtraction Number Wheel

## Finding Nickel Jumps

You can find 19 MORE Nickel Jump pairs on this Subtraction Wheel

Numbers that are 5 apart

Also across the Number Wheel

