
Plus 9

$0+9=9$ $1+9=10$ $2+9=11$ $3+9=12$ $4+9=13$ $5+9=14$ $6+9=15$ $7+9=16$ $7+9=16$ $8+9=17$ $9+9=19$ $10+9=19$



Videos:

<https://www.youtube.com/watch?v=8m-0YK3zaz4>

<https://www.youtube.com/watch?v=sPJRL6zUf2M>

<https://www.youtube.com/watch?v=zbICLi2mY6E>

Games:

Add 10 Take 1 Away (10-sided die template needed)

9 BUMP

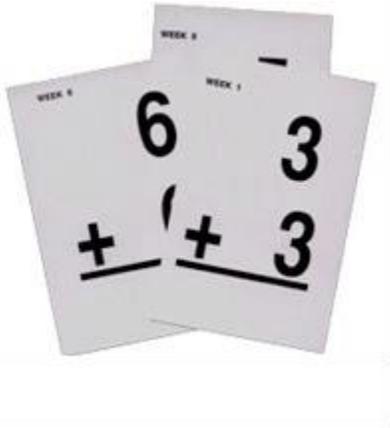
Making 10 to Add 9 Using 2 Colors

Online Games:

https://www.sheppardsoftware.com/mathgames/mathlines/mathlines_add_9.htm

<https://www.education.com/games/addition/>

Fluency- Addition Tips



If you are unable to print out a game, copy the game onto a piece of paper.

Partners should check each other's answers using an addition chart (one is on the next page), or players can draw a picture. If you don't have [dice](#), you can:

- Make and use numeral cards instead.
- Cut paper into squares and write one number (0- 10) on each square
- Use virtual dice. <https://dice.virtuworld.net/>
- Many games call for game pieces called counters. Students can use coins, bottle caps, paper clips, or game pieces from games at home.
- For [spinners](#), a pencil and a paper clip work well

Addition Table (Sums to 20) Color-Coded by Strategy

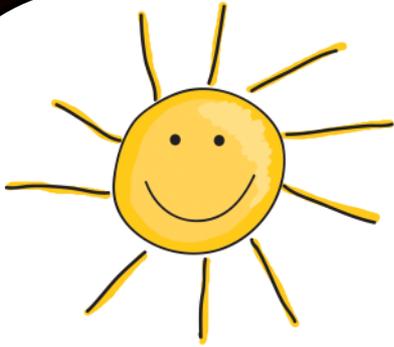
+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9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

<u>Addition Strategies</u>	Doubles Plus Two
Plus/Minus Zero	Making Ten
Doubles	Plus Ten
Doubles Plus One	Plus Nine (Plus 10 Minus 1)

Add 10 and Take Away 1 (+9 strategy)

Roll a 10-sided die to fill in the missing addend (*dotted line box*). Add 9 using your hundred chart and transparent counter to show the strategy. Write the sum in the correct box (*solid line box*).

<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
9	+	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	9	+	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	9	+	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9
9	+	<div style="border: 1px dashed black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	=	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	+	9

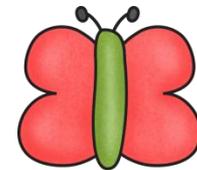


Math Fact Practice

Adding 9 Bump Game



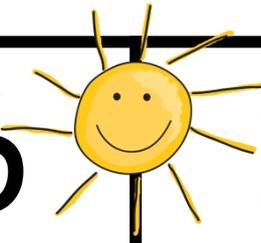
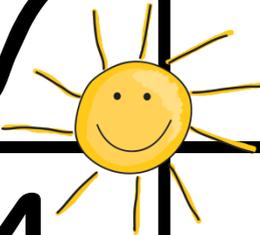
Created by Tina
Parker



Adding 9

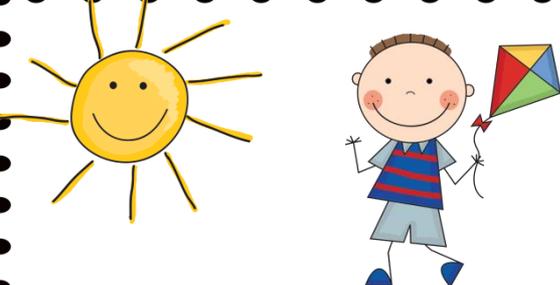
Bump

Directions: Each player needs 10 cubes. Choose a card. Add the number to the number nine and cover the sum. If it is covered by one of your cubes then link it up. If it is covered by another player's cube then BUMP it off. If it is already linked up you lose your turn. The first player to get rid of his/her cubes is the winner.

16	 11	19	12	 15
10	15	17	16	13
18	12	 10	11	14
16	15	19	17	 18
13	17	14	14	18



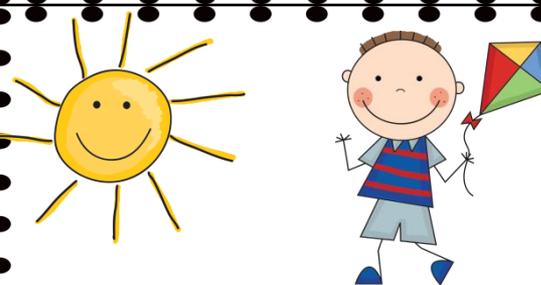
$9 + 1$



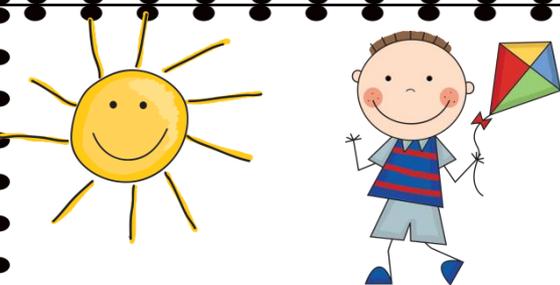
$9 + 1$



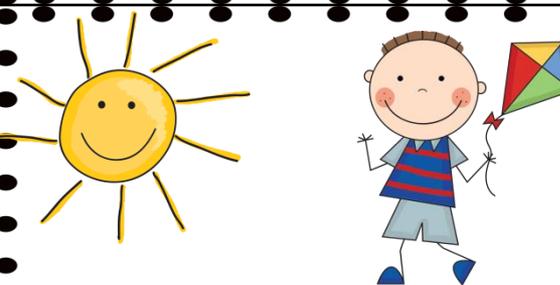
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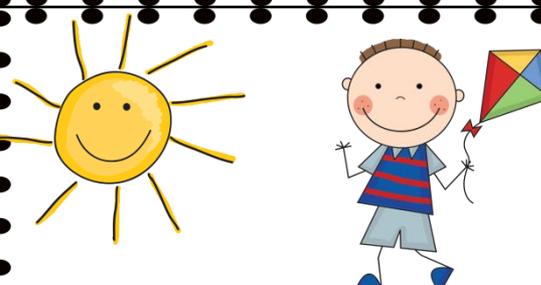
$9 + 2$



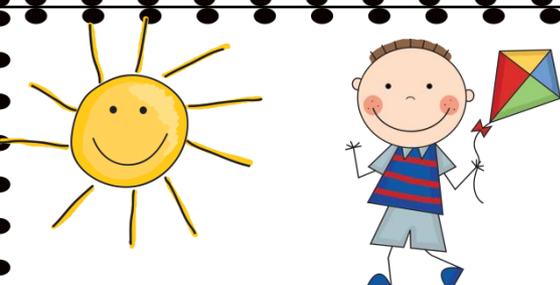
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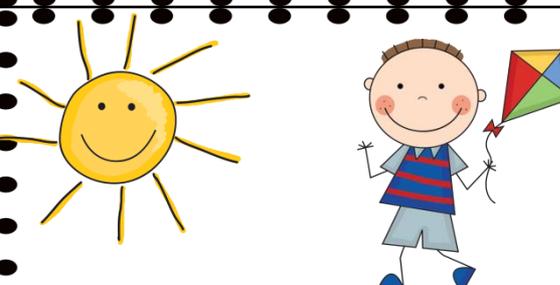
$9 + 2$



$9 + 3$

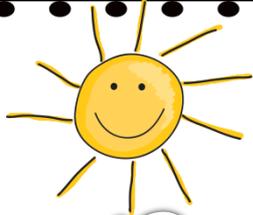


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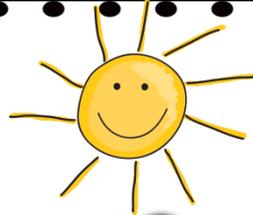
$9 + 3$

Adding
9



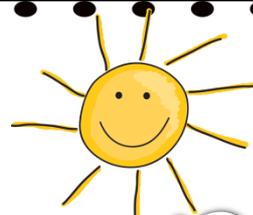
Bump

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Bump

Adding
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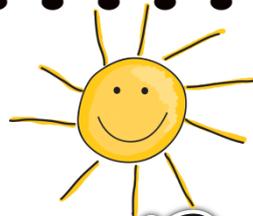
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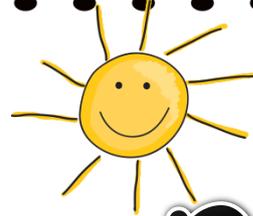
Bump

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Bump



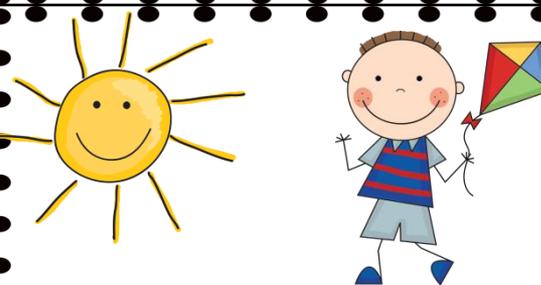
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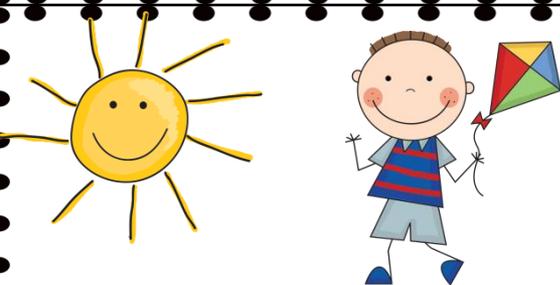
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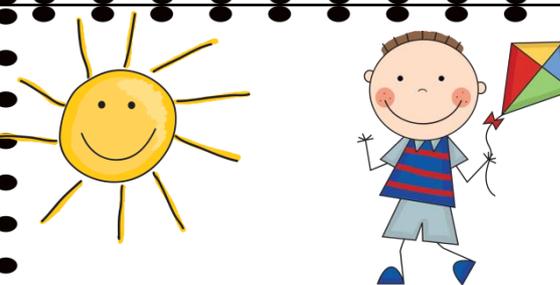
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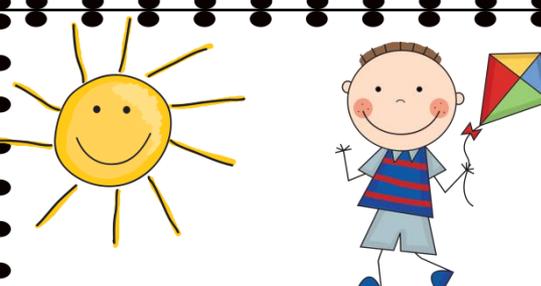
$9 + 5$



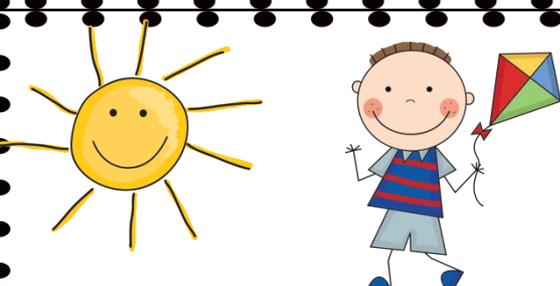
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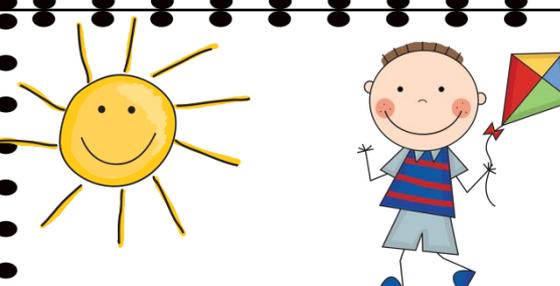
$9 + 5$



$9 + 6$

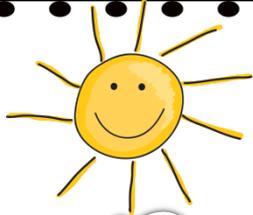


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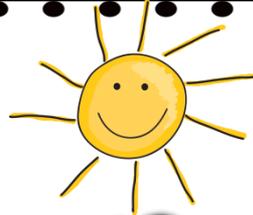
$9 + 6$

Adding
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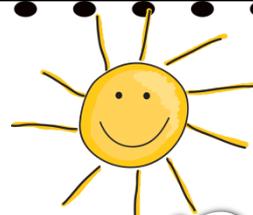
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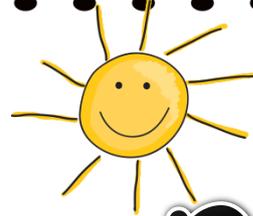
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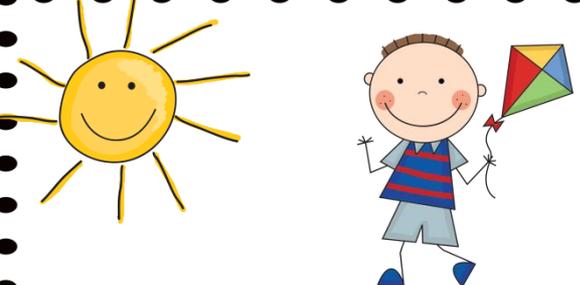
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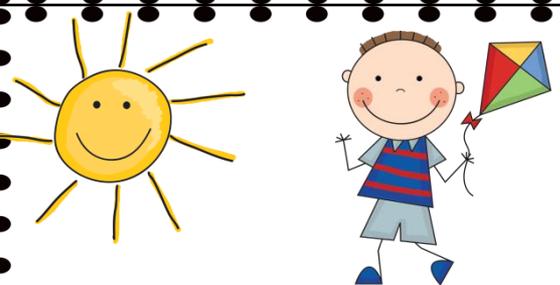
$9 + 7$



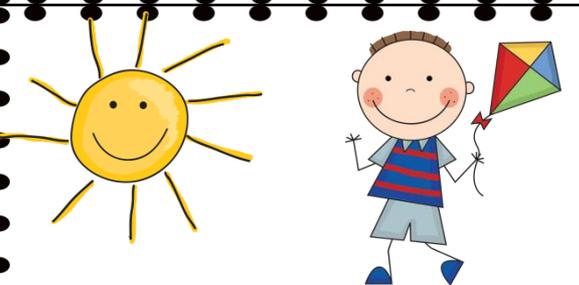
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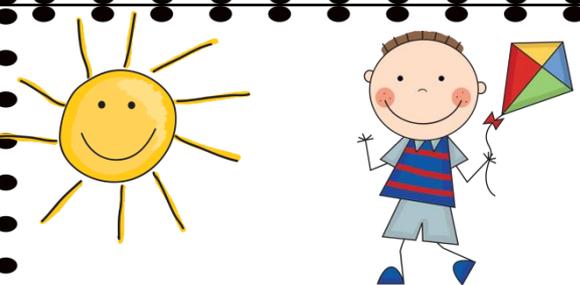
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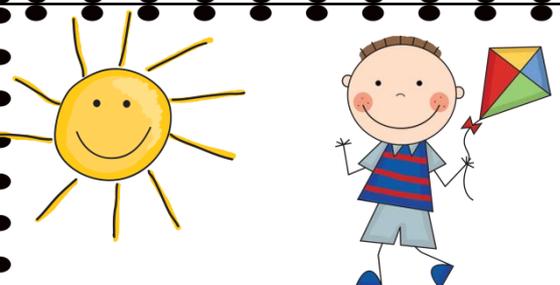
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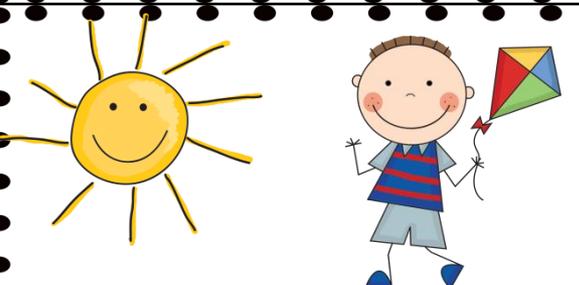
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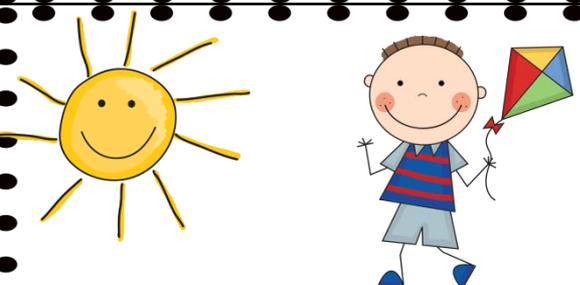
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$9 + 9$

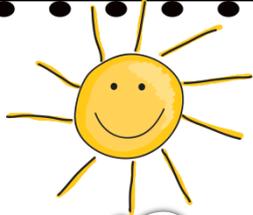


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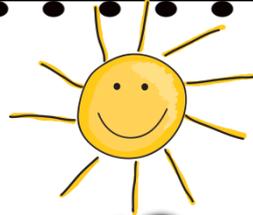
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Adding
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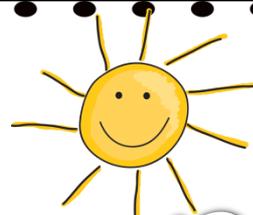
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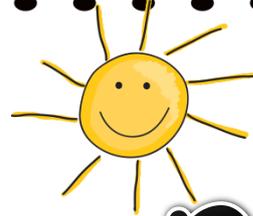
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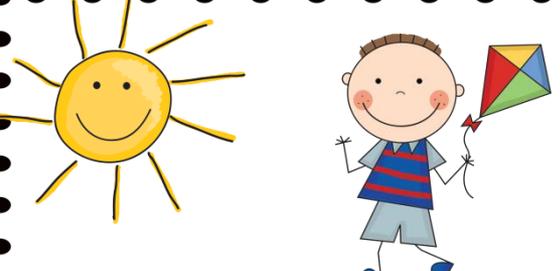


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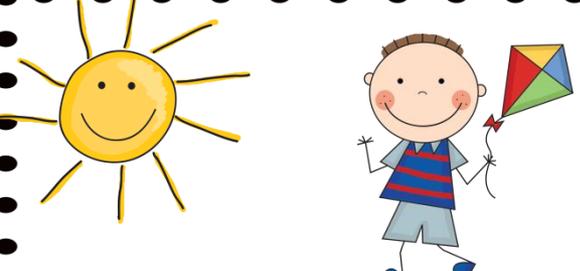
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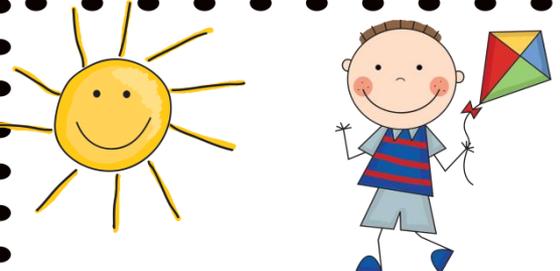
$9 + 10$



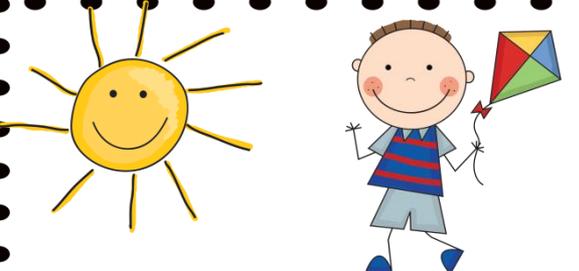
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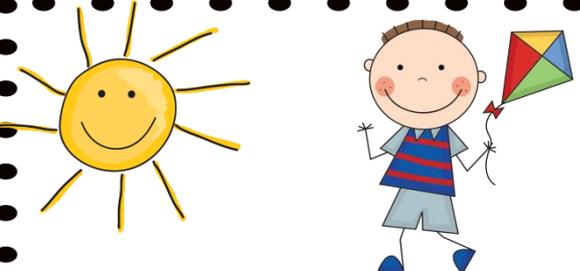
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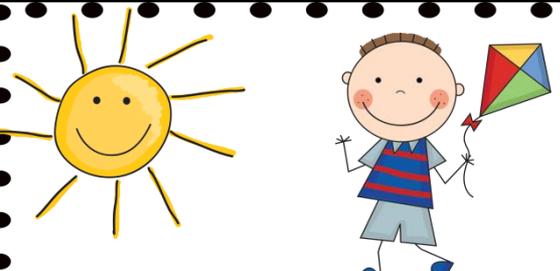
$9 + 1$



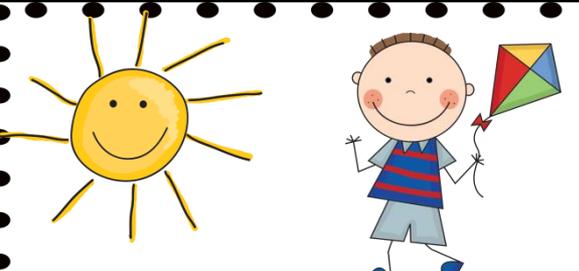
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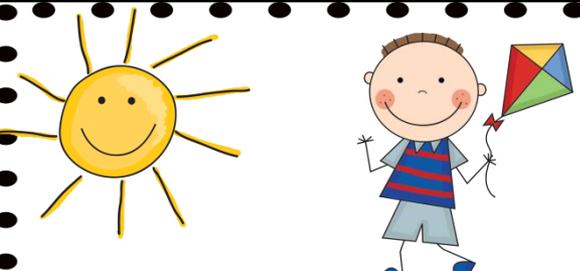
$9 + 3$



$9 + 4$

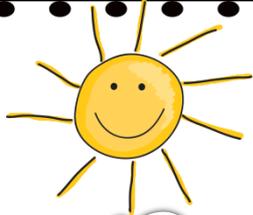


$9 + 5$



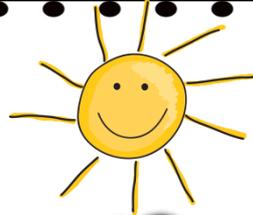
$9 + 6$

Adding
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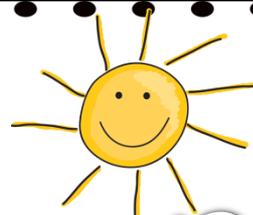
Bump

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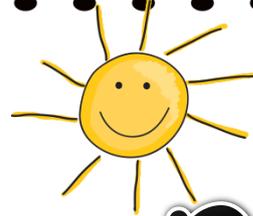
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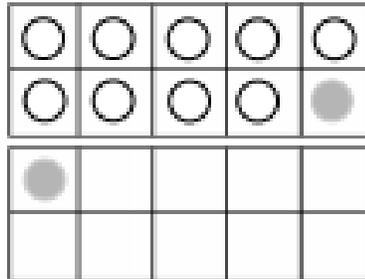
Bump

Making 10 to Add 9 Using 2 Colors

Name: _____

Making 10 to Add 9

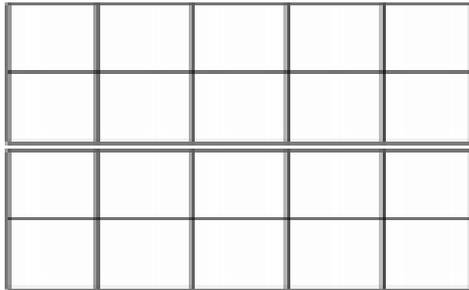
Use a red crayon to color the first part. Then, use a yellow crayon to color the second part. Write two different addition sentences.



$$\underline{9} + \underline{2} = \underline{11}$$

$$\underline{10} + \underline{1} = \underline{11}$$

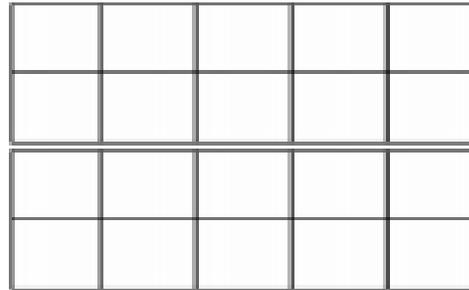
1



$$\underline{9} + \underline{3} = \underline{12}$$

$$\underline{10} + \underline{\quad} = \underline{12}$$

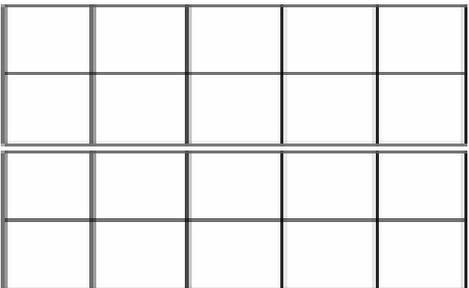
2



$$\underline{9} + \underline{7} = \underline{\quad}$$

$$\underline{10} + \underline{\quad} = \underline{\quad}$$

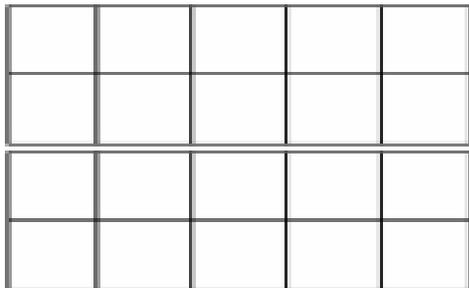
3



$$\underline{9} + \underline{9} = \underline{\quad}$$

$$\underline{10} + \underline{\quad} = \underline{\quad}$$

4



$$\underline{9} + \underline{4} = \underline{\quad}$$

$$\underline{10} + \underline{\quad} = \underline{\quad}$$

1

$$\underline{\quad 9 \quad} + \underline{\quad 6 \quad} = \underline{\quad \quad}$$

$$\underline{\quad 10 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

2

$$\underline{\quad 9 \quad} + \underline{\quad 10 \quad} = \underline{\quad \quad}$$

$$\underline{\quad 10 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

3

$$\underline{\quad 9 \quad} + \underline{\quad 8 \quad} = \underline{\quad \quad}$$

$$\underline{\quad 10 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

4

$$\underline{\quad 9 \quad} + \underline{\quad 2 \quad} = \underline{\quad \quad}$$

$$\underline{\quad 10 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

5

$$\underline{\quad 9 \quad} + \underline{\quad 5 \quad} = \underline{\quad \quad}$$

$$\underline{\quad 10 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

6

$$\underline{\quad 9 \quad} + \underline{\quad 1 \quad} = \underline{\quad \quad}$$

$$\underline{\quad 10 \quad} + \underline{\quad \quad} = \underline{\quad \quad}$$

10-Sided Dice

