



Helping With Math

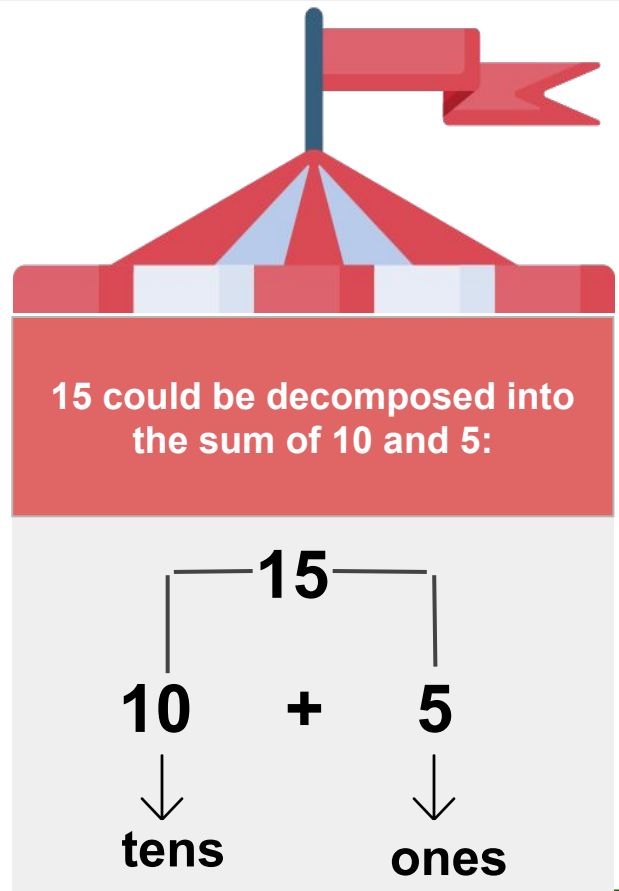
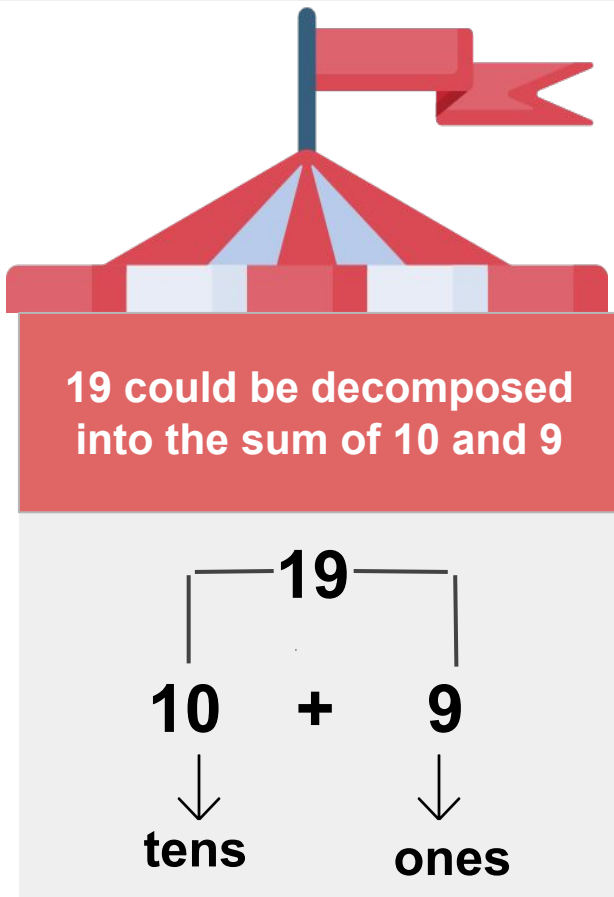
Decomposition of Numbers from 11-19 Using Tens and Ones



KINDERGARTEN



Decomposing numbers means breaking down numbers into their sub-parts or two parts - the ones and the tens.



Decomposition of Numbers from 11-19 Using Tens and Ones



Decompose the given numbers by completing the equations below.

$$10 = 10 + 0$$

$$19 = 10 + 9$$

$$11 = 10 + \square$$

$$17 = 10 + \square$$

$$13 = 10 + \square$$

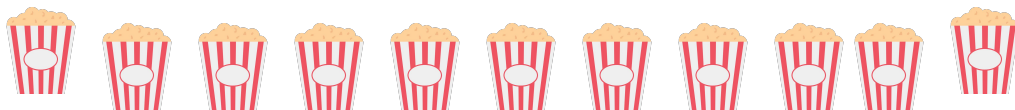
$$12 = 10 + \square$$

$$14 = \square + \square$$

$$16 = \square + \square$$



Write the number of tens and ones
at the bottom box.



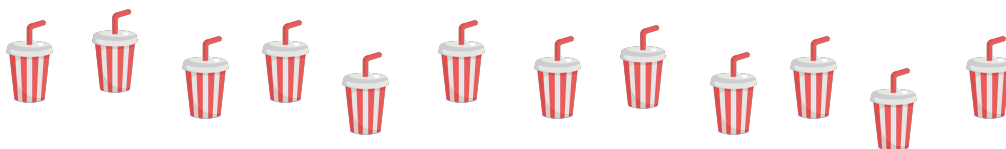
$$\underline{1} \text{ ten} + \underline{1} \text{ ones}$$
$$10 + 1$$

11



$$\underline{1} \text{ ten} + \underline{8} \text{ ones}$$
$$10 + 8$$

18



$$\underline{\quad} \text{ ten} + \underline{\quad} \text{ ones}$$
$$10 + \underline{\quad}$$

SNACK CORNER



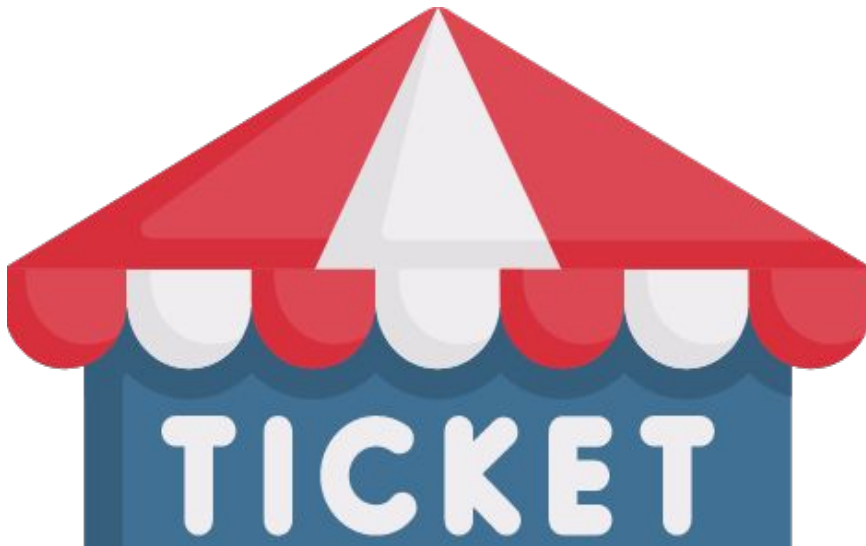
TABLE OF ACTIVITIES

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2. Tickets for Sale
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4. Happy and Sad Faces
5. Balls in the Balloons
6. Popcorn Kernels
7. Abracadabra: Tens and Ones
8. Ways to 18
9. Take it Apart
10. Make it Nineteen



THE TICKET BOOTH

Breakdown the number into tens and ones by coloring the tens and the ones frame.



TENS

ONES

15

17

19

Decomposition of Numbers from 11-19 Using Tens and Ones



TICKETS FOR SALE

Complete the equation on the tickets below.

1

10 +

=

19

2

10 +

=

11

3

10 +

=

18

4

+

=

14

5

+

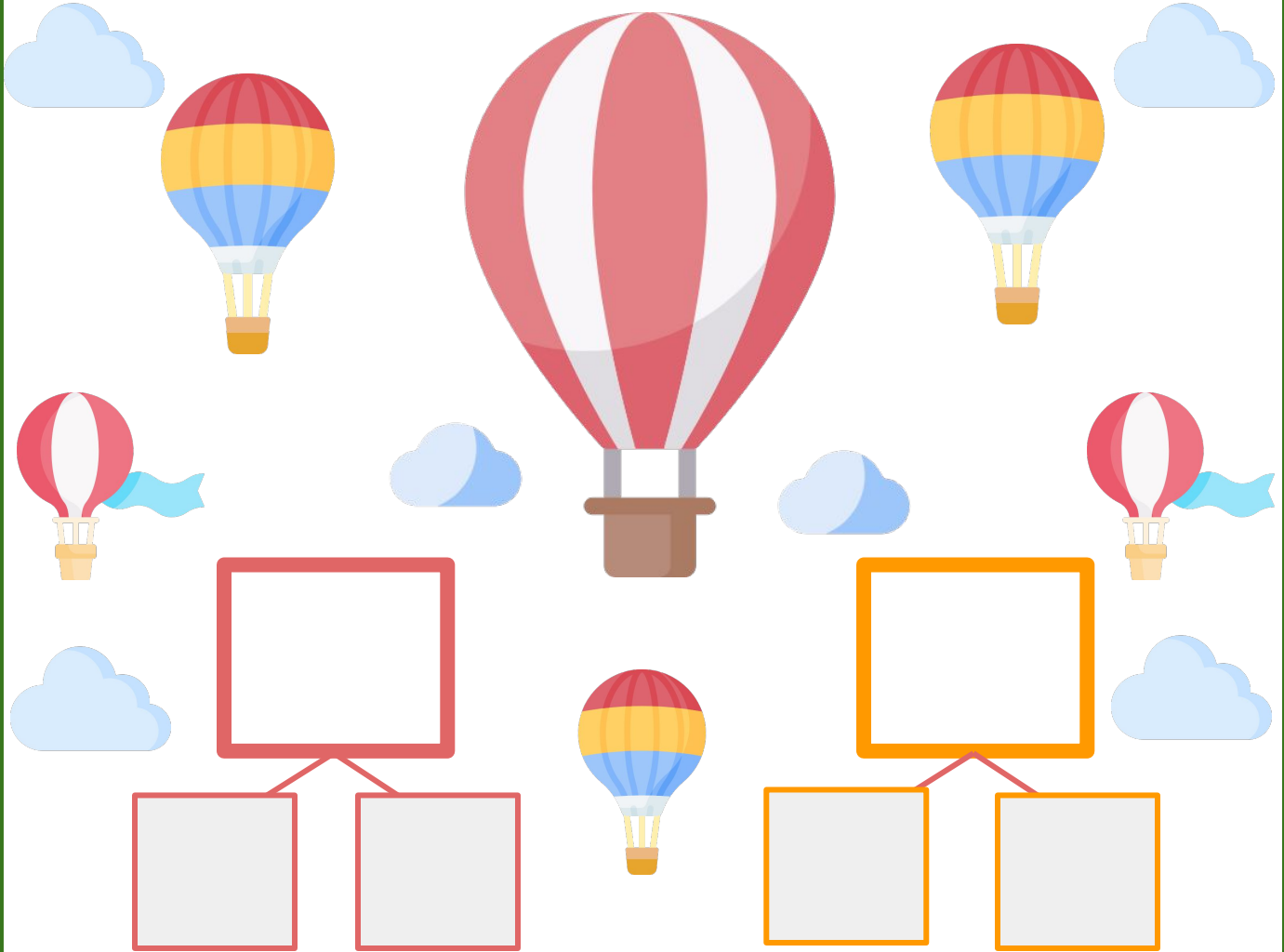
=

17



HOT AIR BALLOONS

Count and represent the hot air balloon fires using the format below.



$$\boxed{} + \boxed{} = \boxed{}$$
$$\boxed{} + \boxed{} = \boxed{}$$

1



2





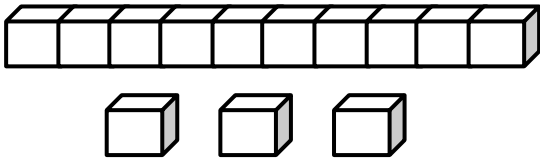
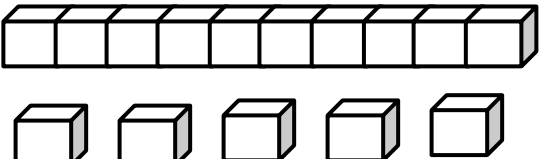




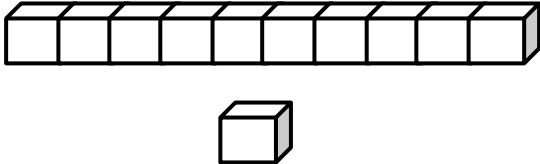
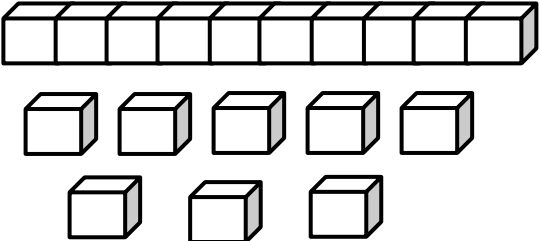




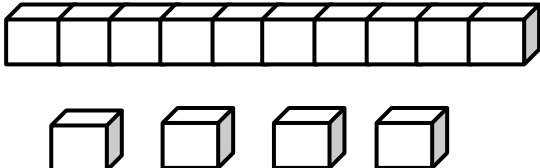
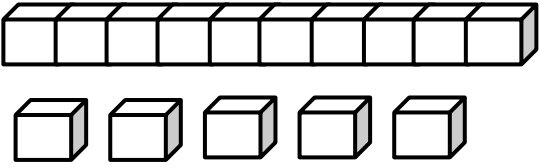


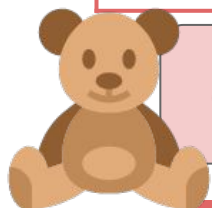
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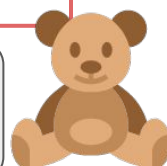
HAPPY AND SAD FACES

Count the base ten blocks. Color the happy face if the number representing it is correct. Color the sad face if the number is incorrect.

13			16		
					
12			18		
					
14			17		
					

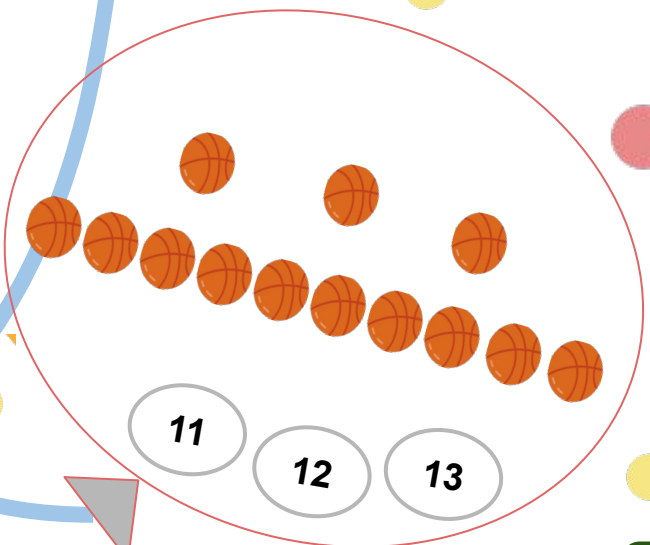
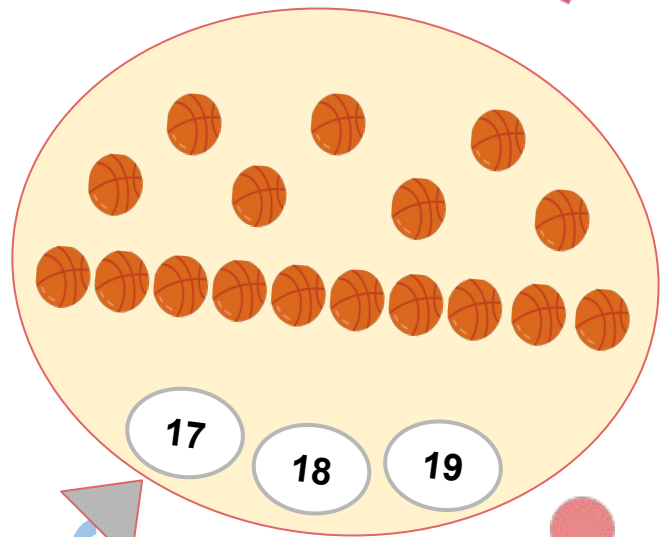
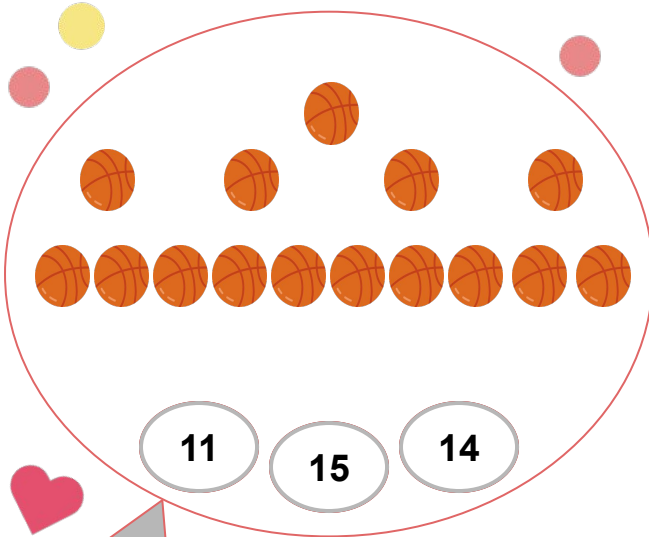


Aside from happy and sad, draw 2 other emotions in the boxes.



BALLS IN THE BALLOONS

How many balls are there in each balloon? Color the number of your answer.



Decomposition of Numbers from 11-19 Using Tens and Ones



POPCORN KERNELS

Count the popcorn kernels that dropped from the bucket and write its total count in number and word formats.

1



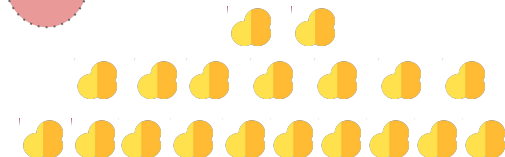
2



3



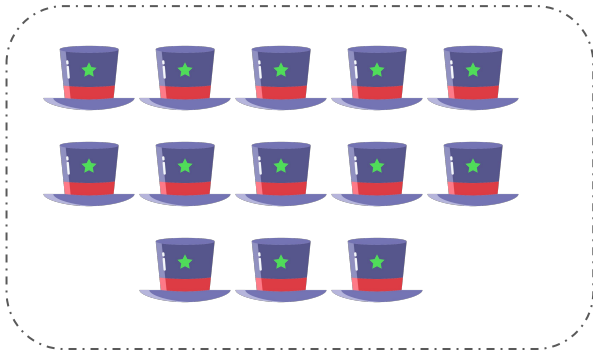
4





ABRACADABRA: TENS AND ONES

Circle group of tens in each set then count how many ones are left.
Write the number on the place value chart.



Tens Ones

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Tens Ones

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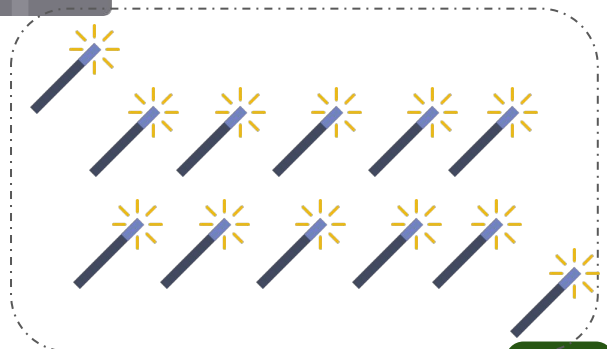
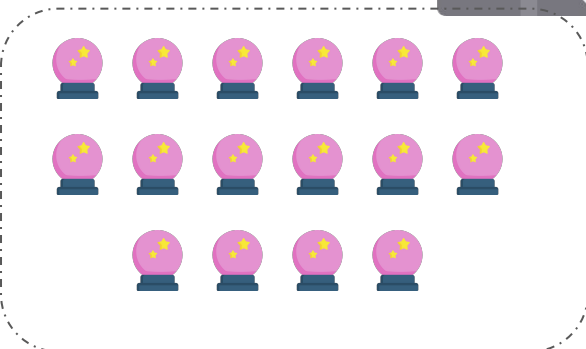


Tens Ones

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Tens Ones

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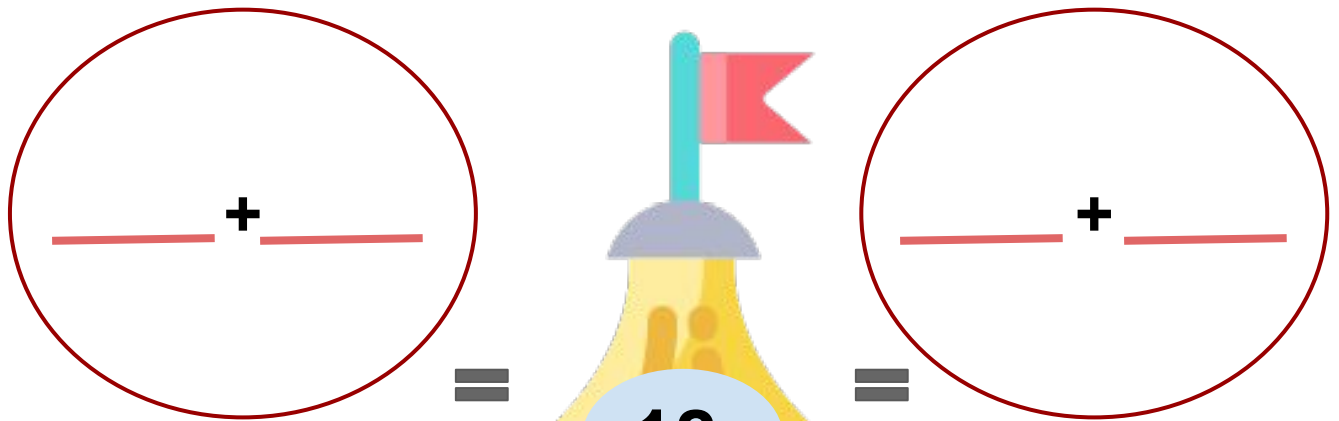


Decomposition of Numbers from 11-19 Using Tens and Ones



WAYS TO 18

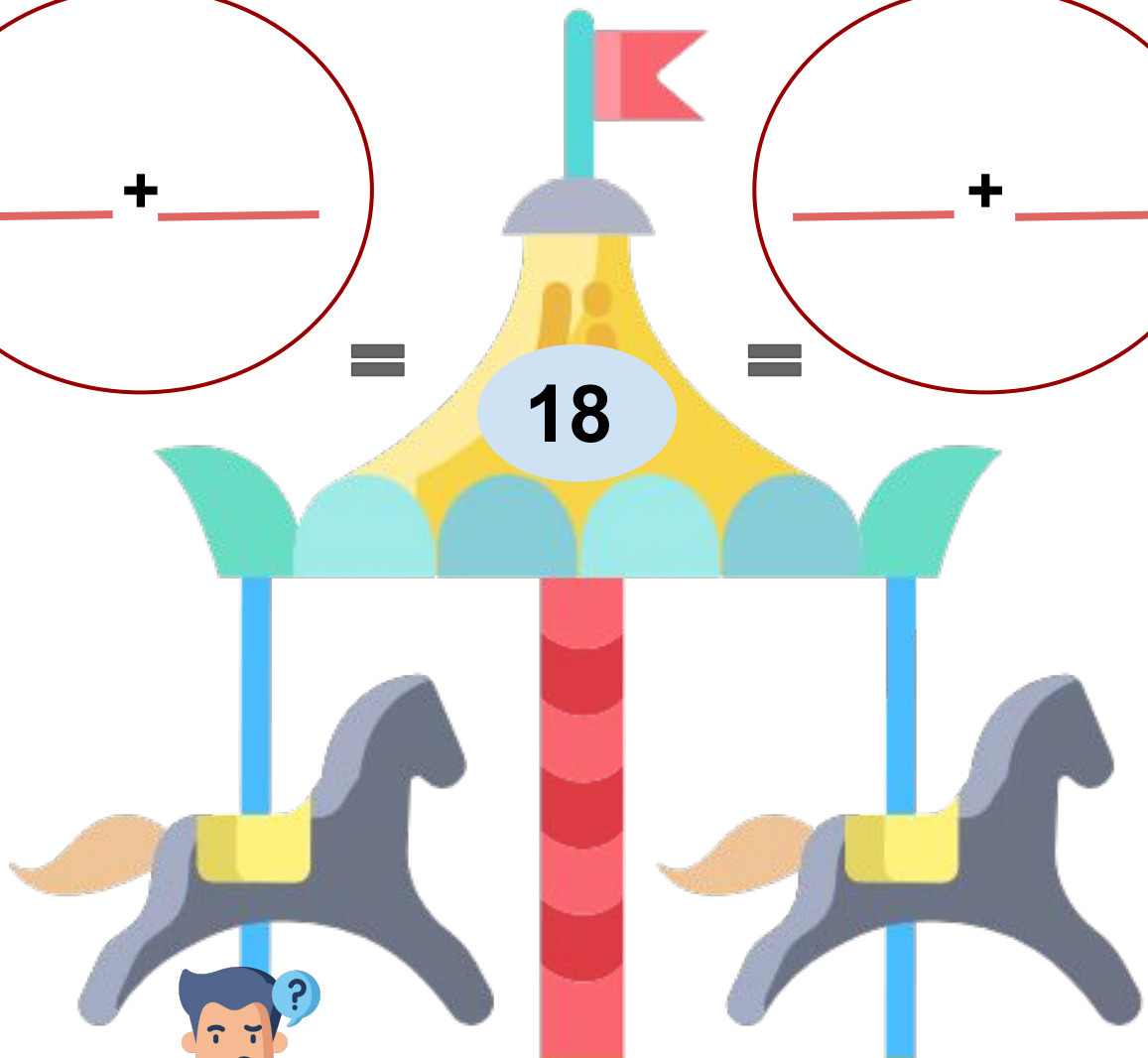
How many ways can you make eighteen? Write your answers below.



=

18

=



This amusement park ride
is called _____

$$10 + \text{ } = 18$$

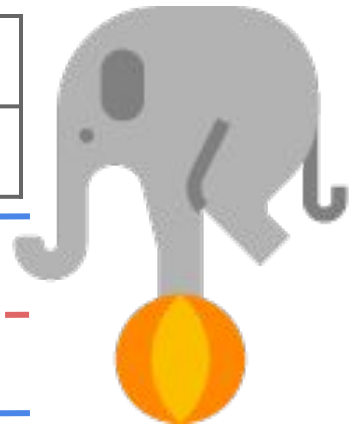


TAKE IT APART

Fill in the tens and ones frames and complete the equation.



$$15 = \underline{\quad} + \underline{\quad}$$



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



$$19 = \underline{\quad} + \underline{\quad}$$



MAKE IT NINETEEN

Compose and decompose number 19.

Draw blocks to show the composition of number 19.

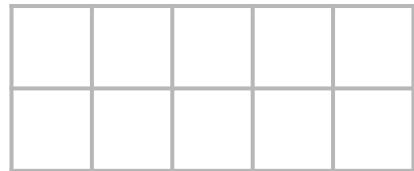
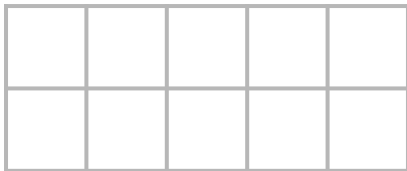
Tens

Ones

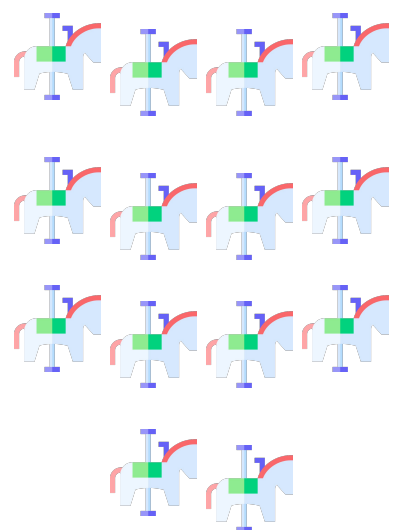
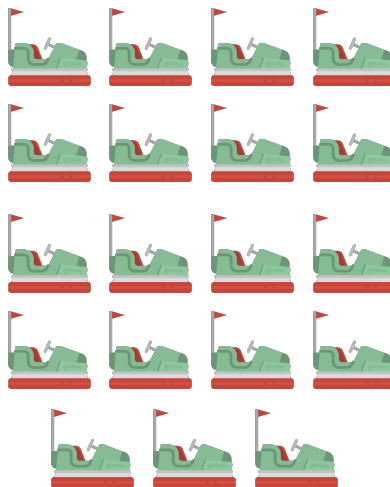
Color the counters to show number 19.

Tens

Ones



Which model correctly shows 19? Encircle it.



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