Math Strategies and Ten Frames 1-20

Geared toward Common Core Standards

Kindergarten, 1st Grade, and 2nd Grade

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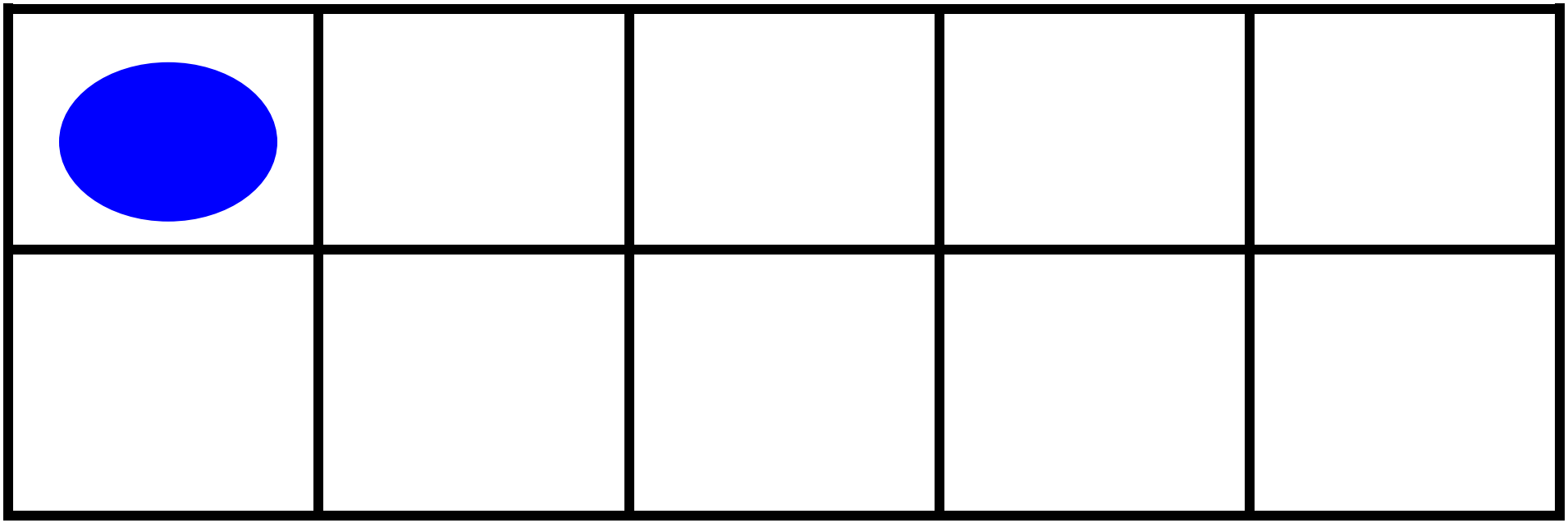
- Ten Frames 11-20 Memory Match (Concentration) Cards- Match the numeral to the ten frame



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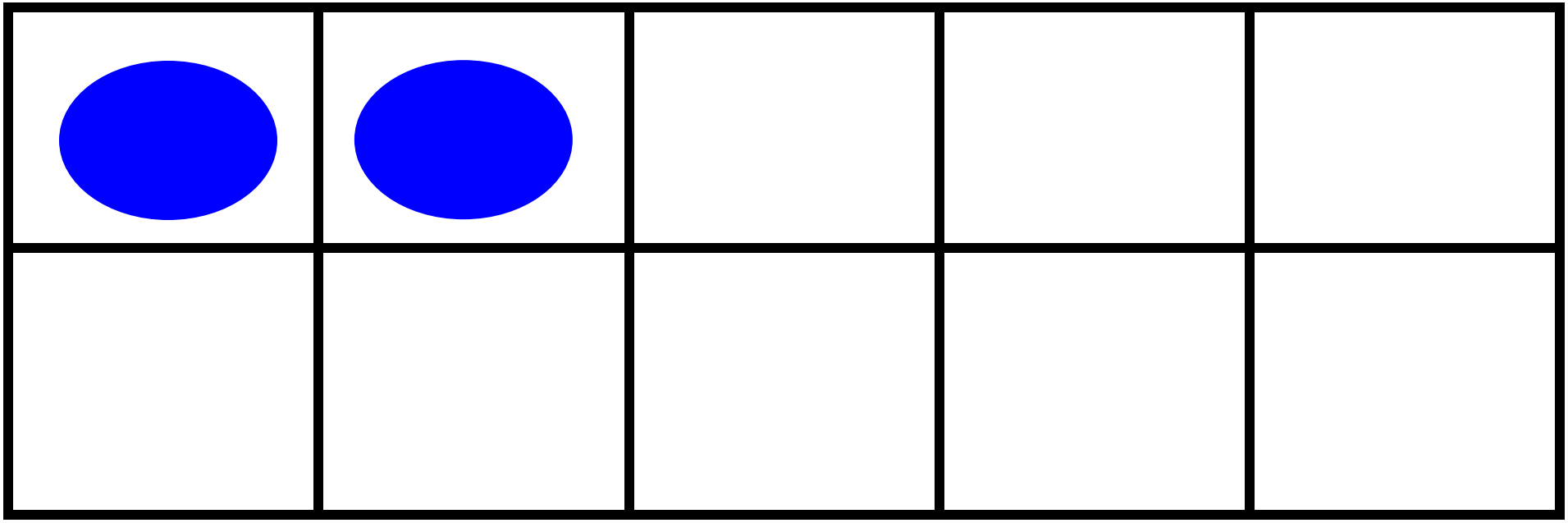

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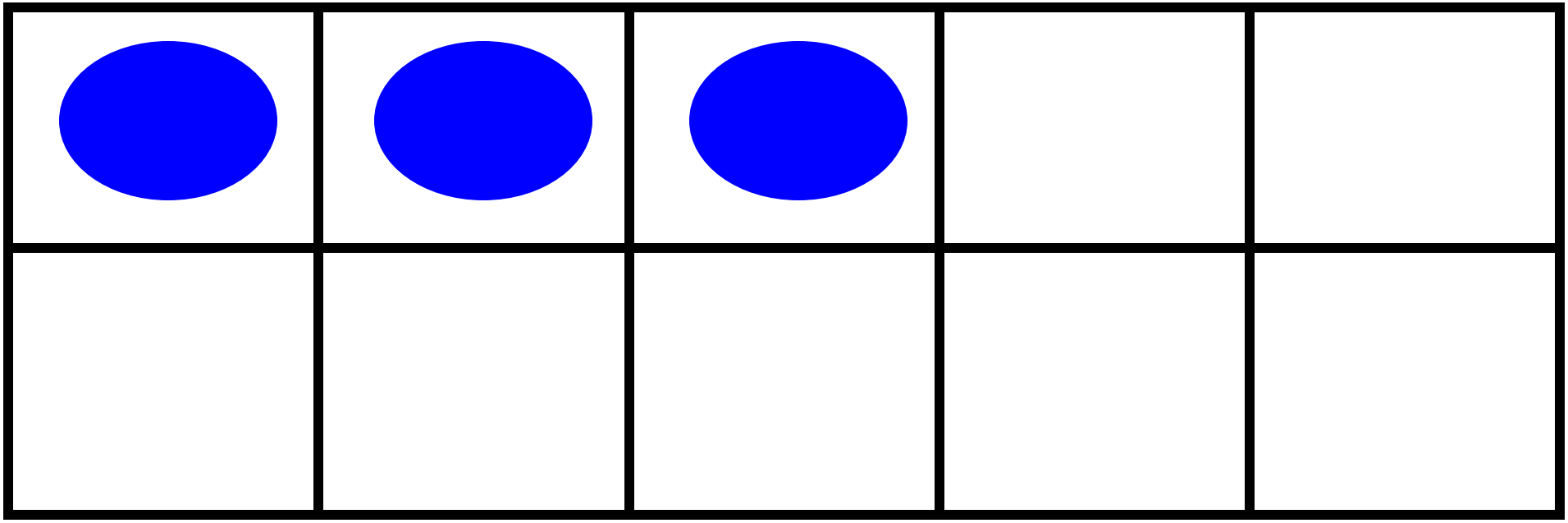

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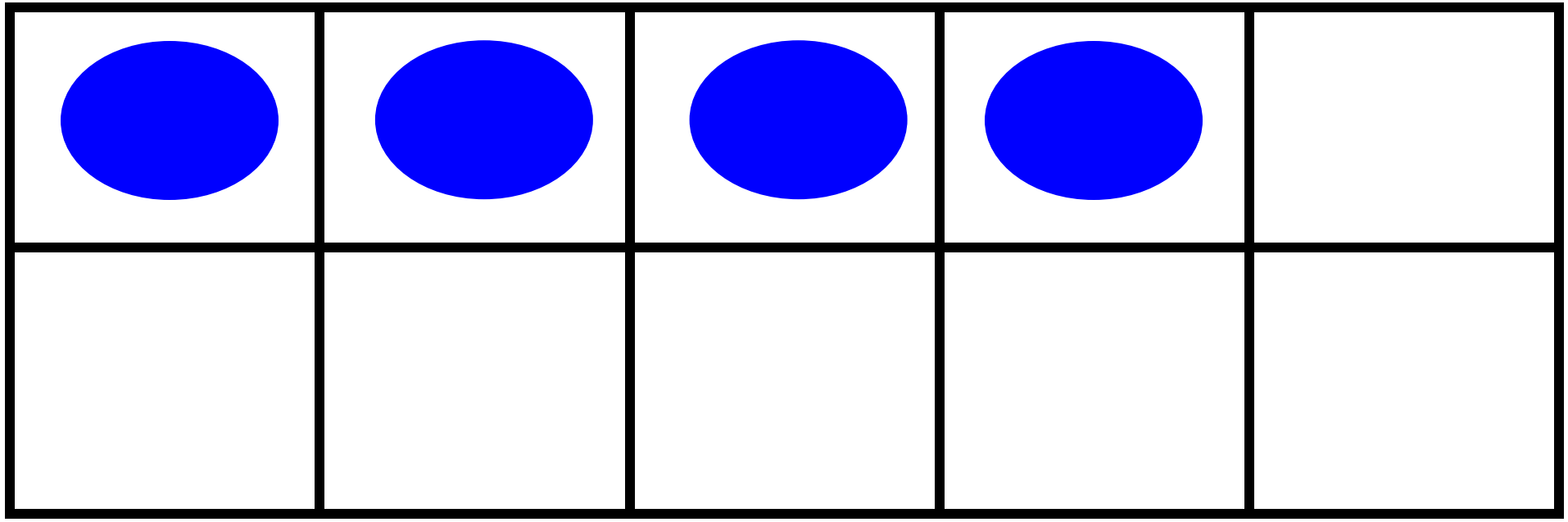

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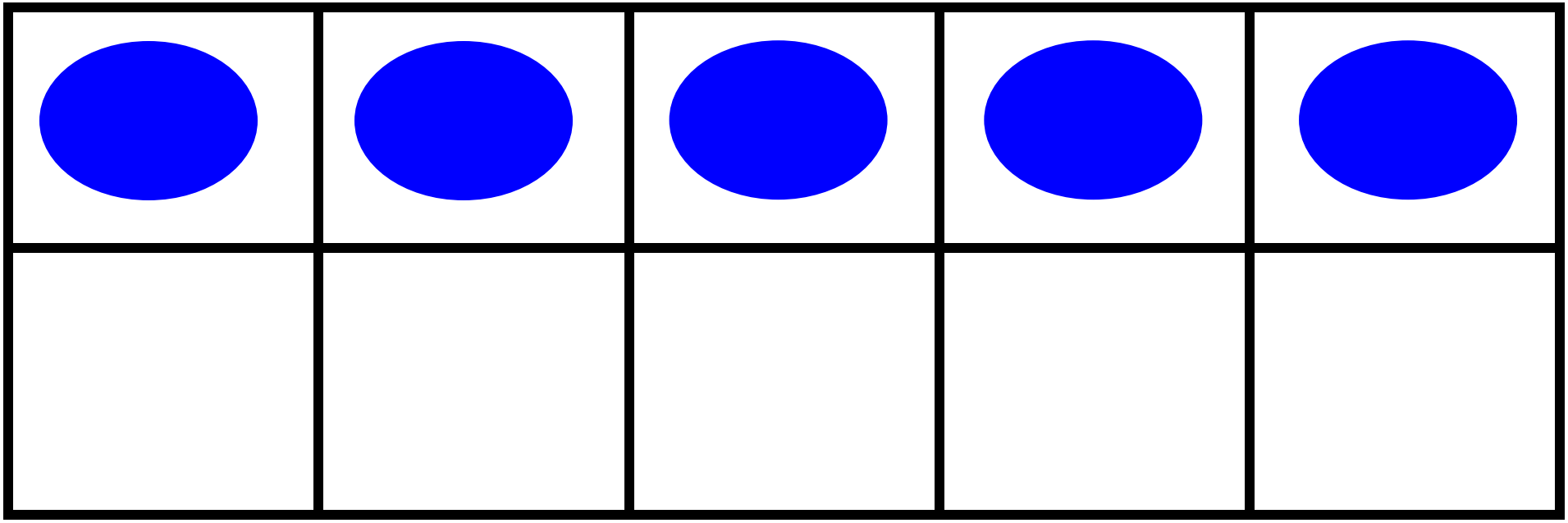

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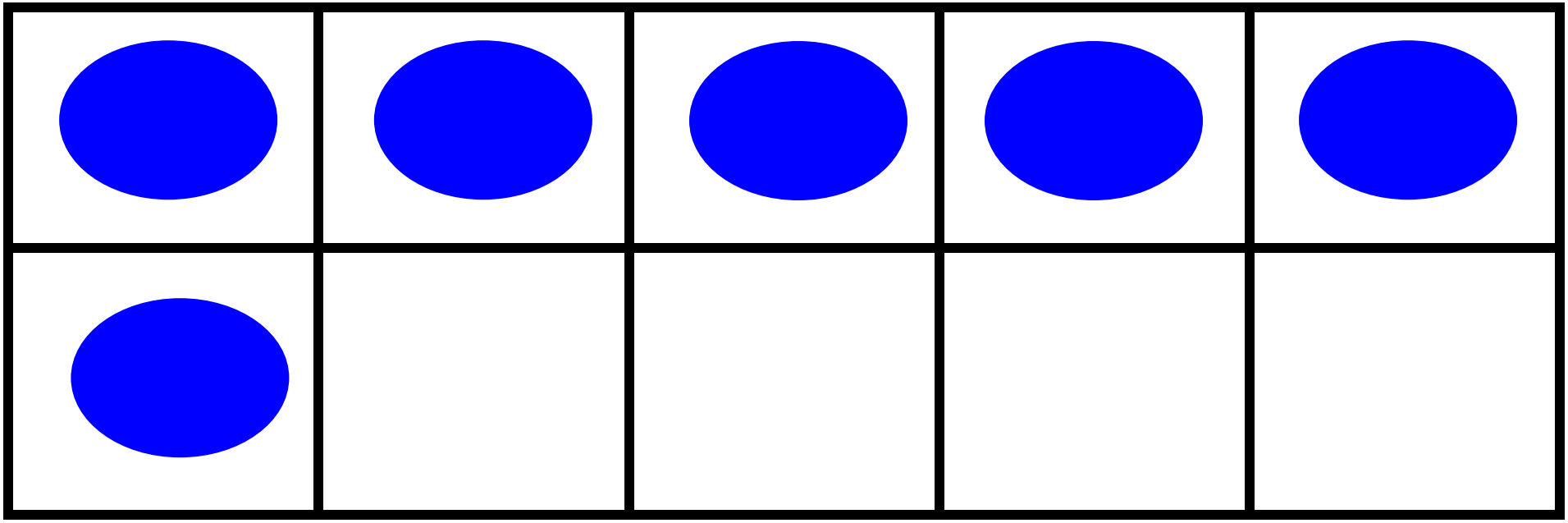

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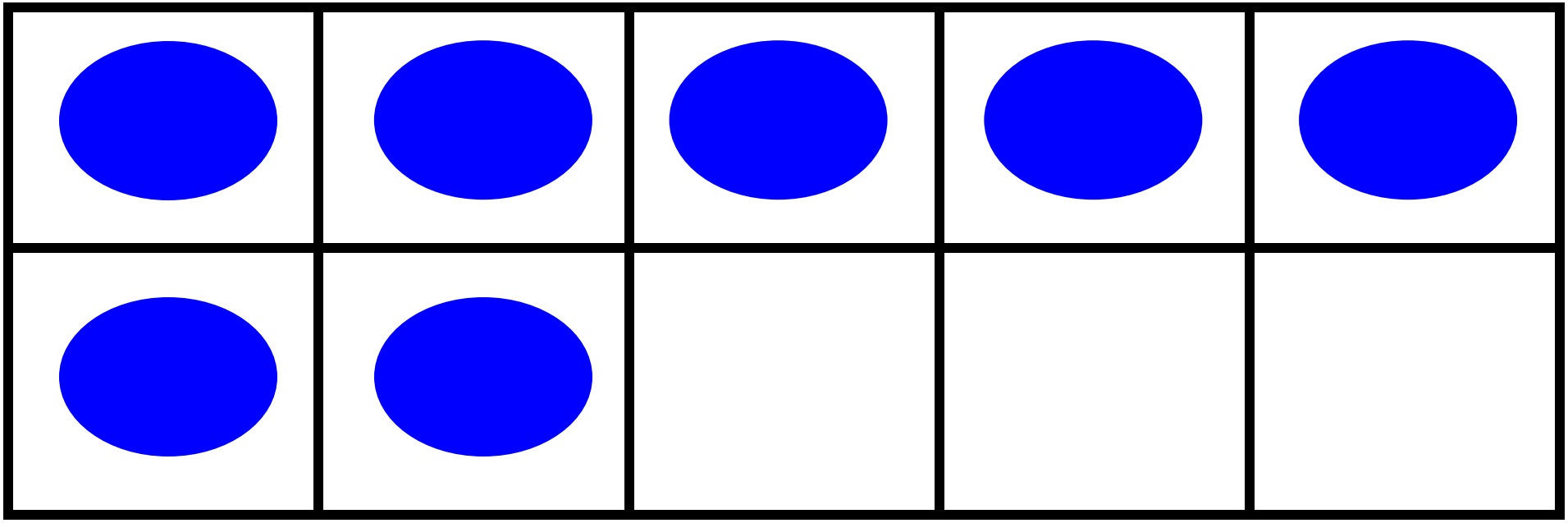

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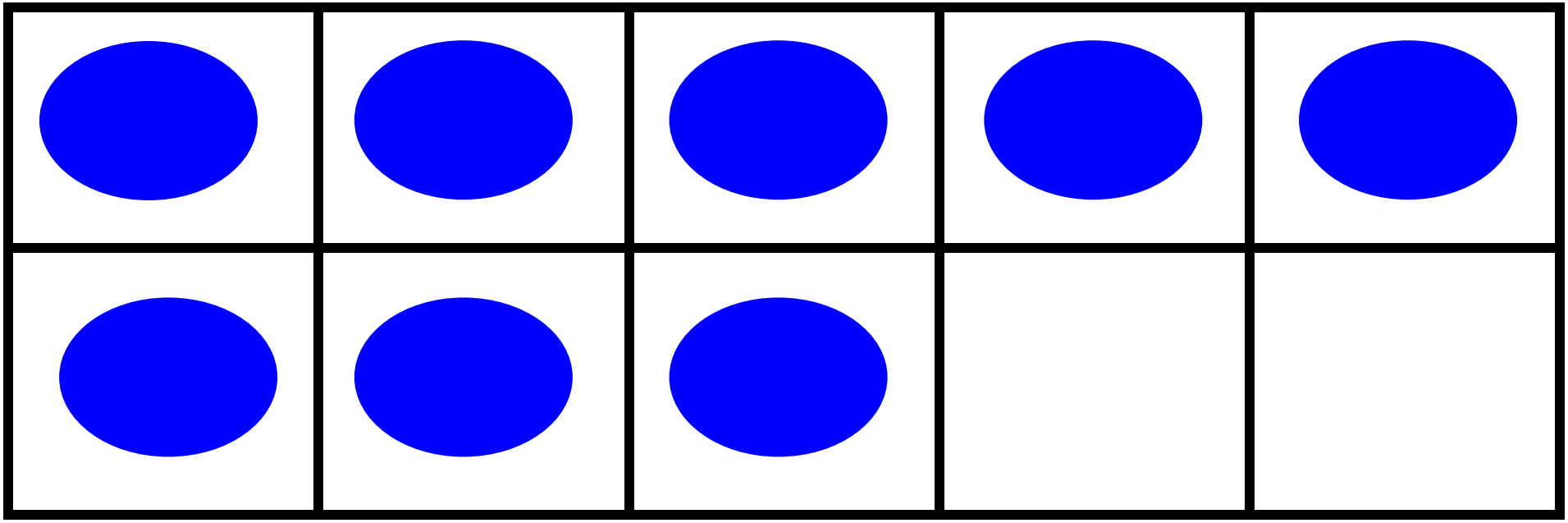

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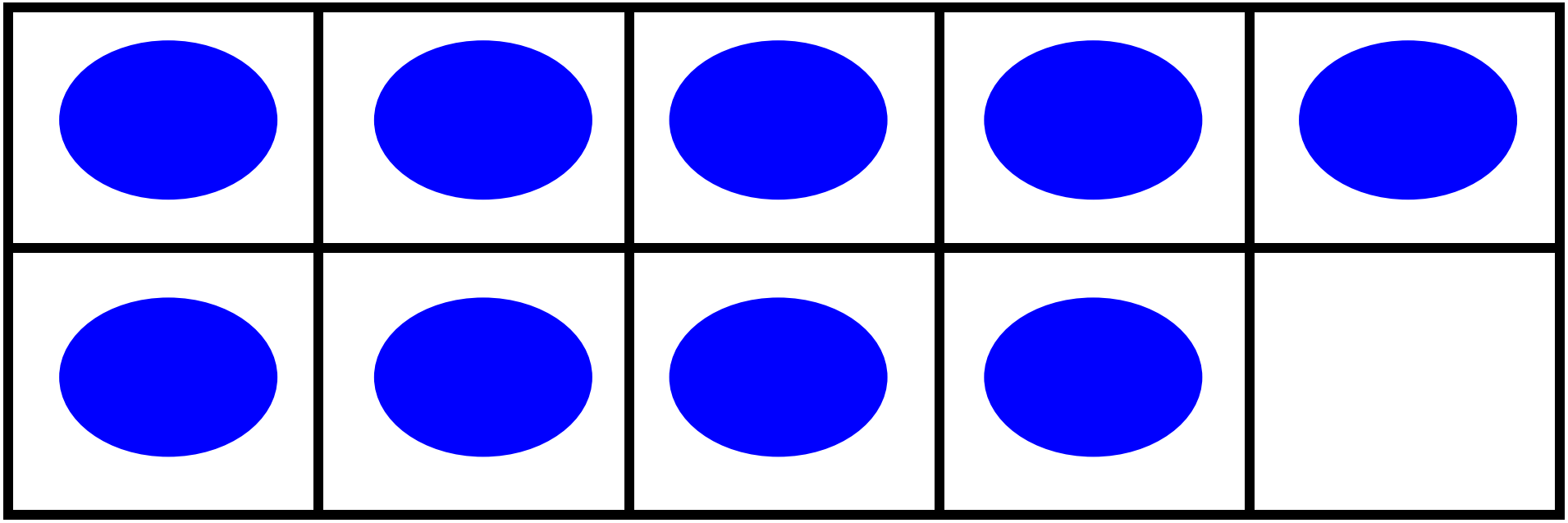

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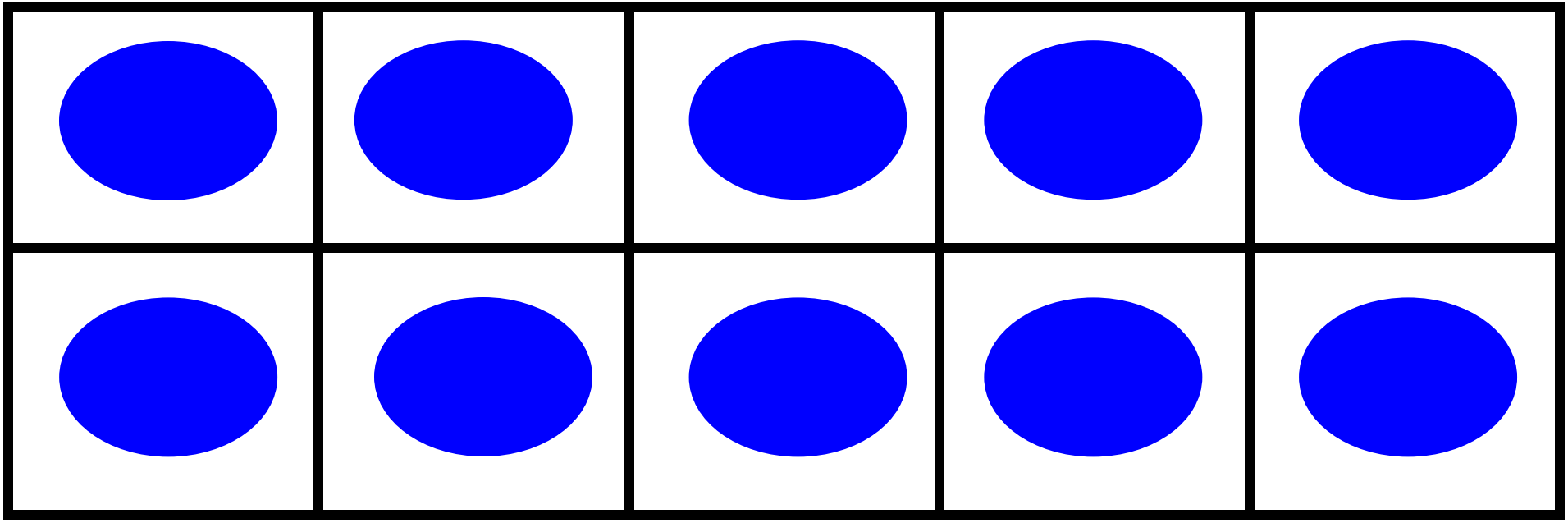

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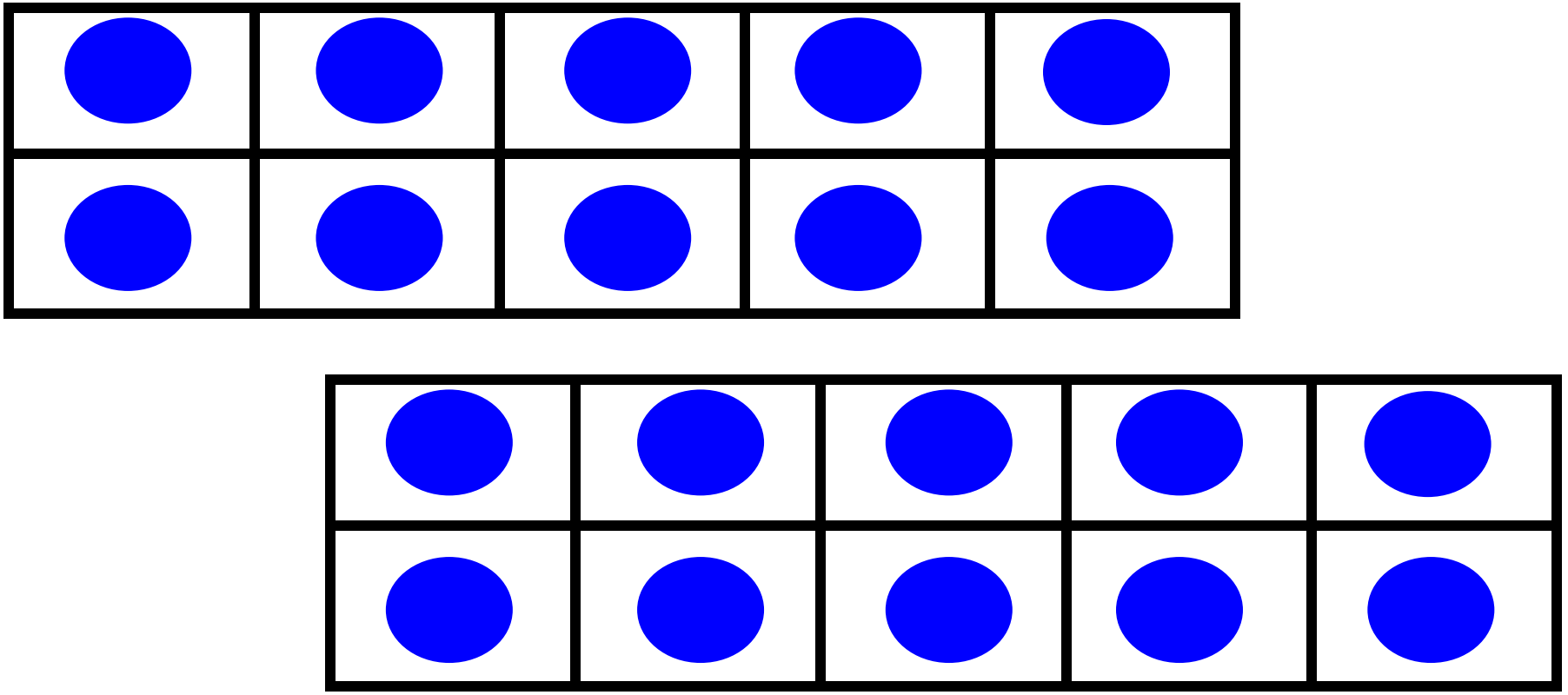

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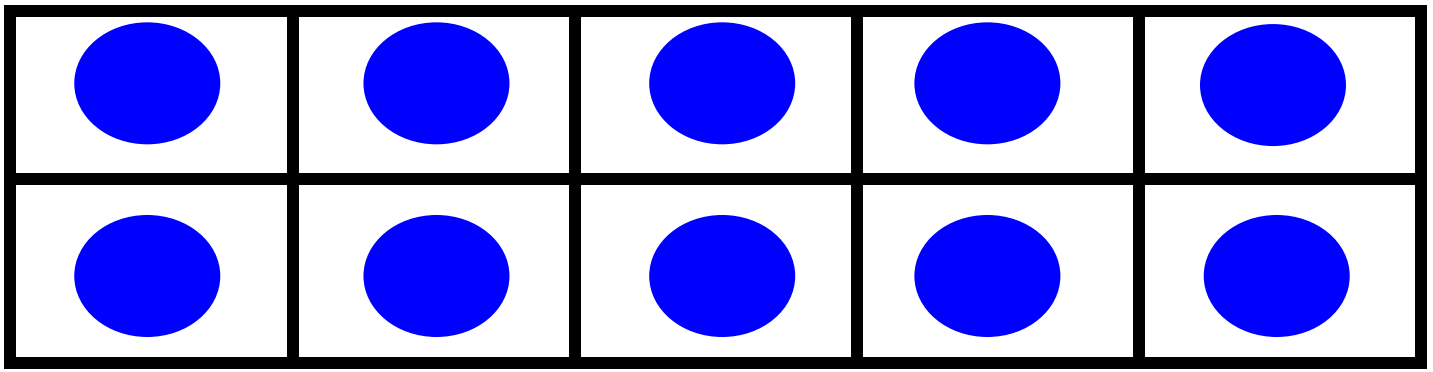

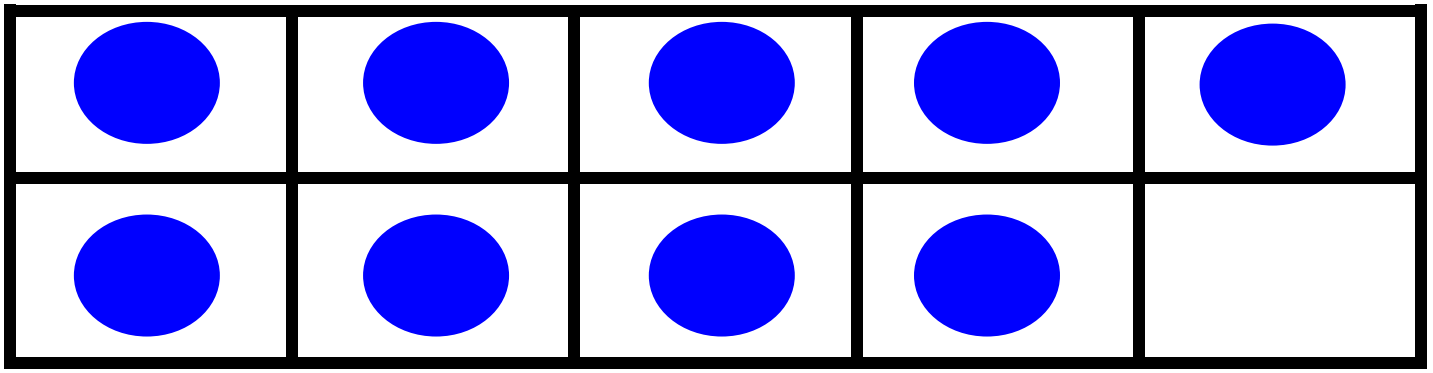

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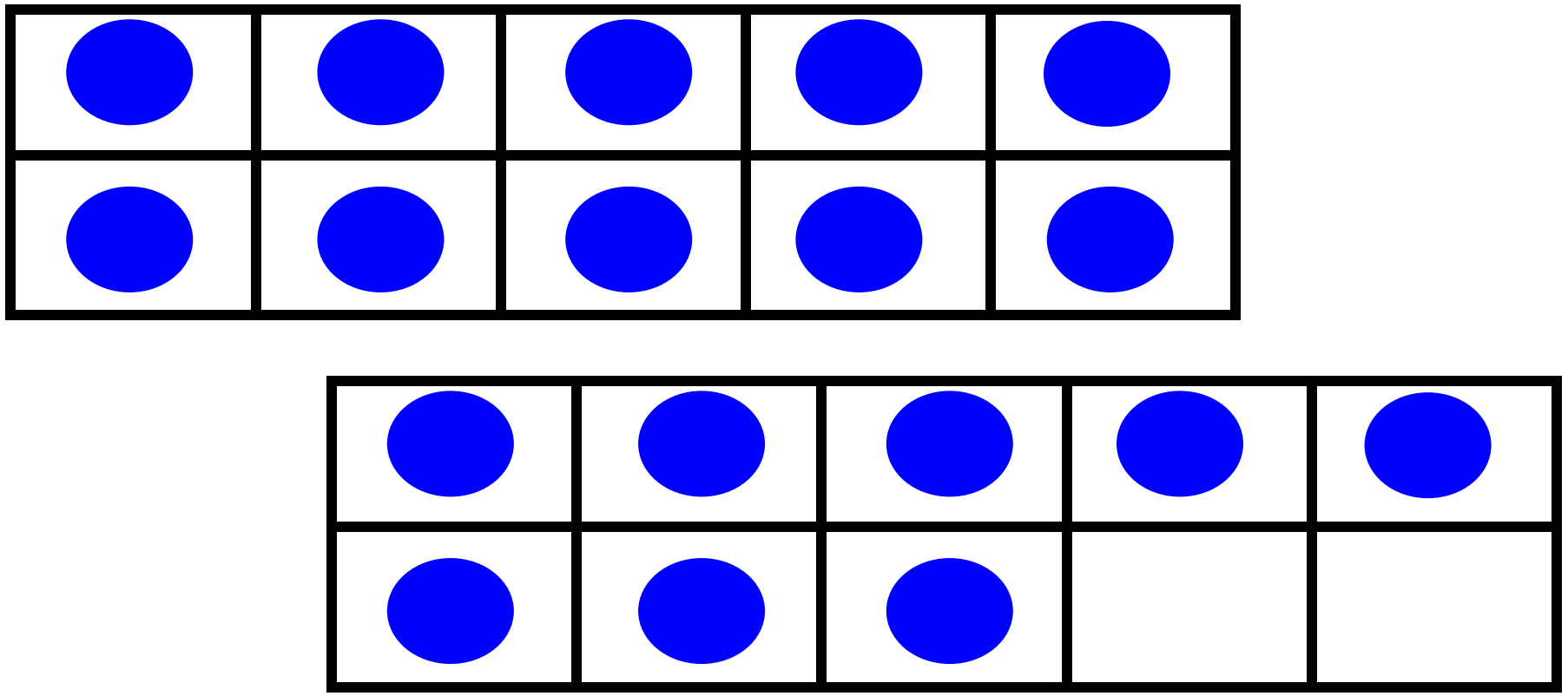

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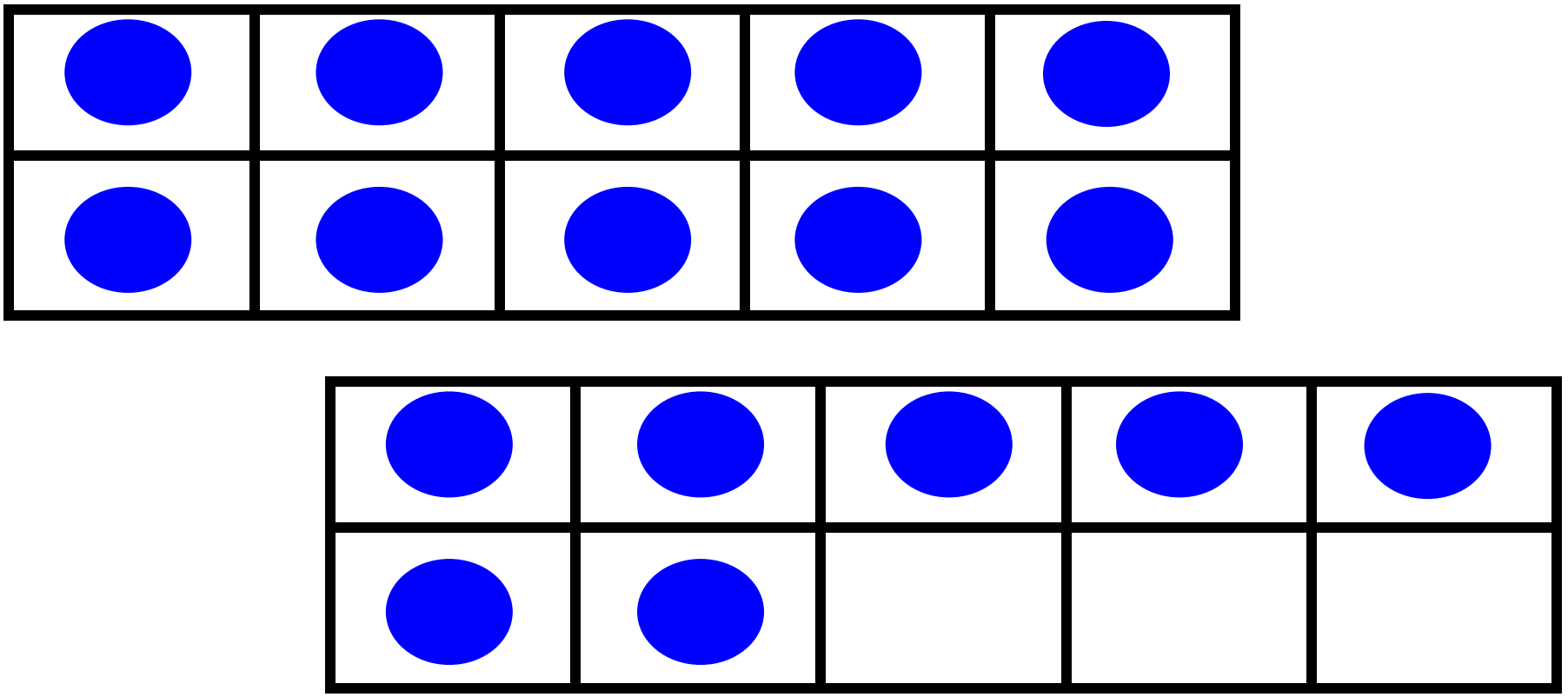

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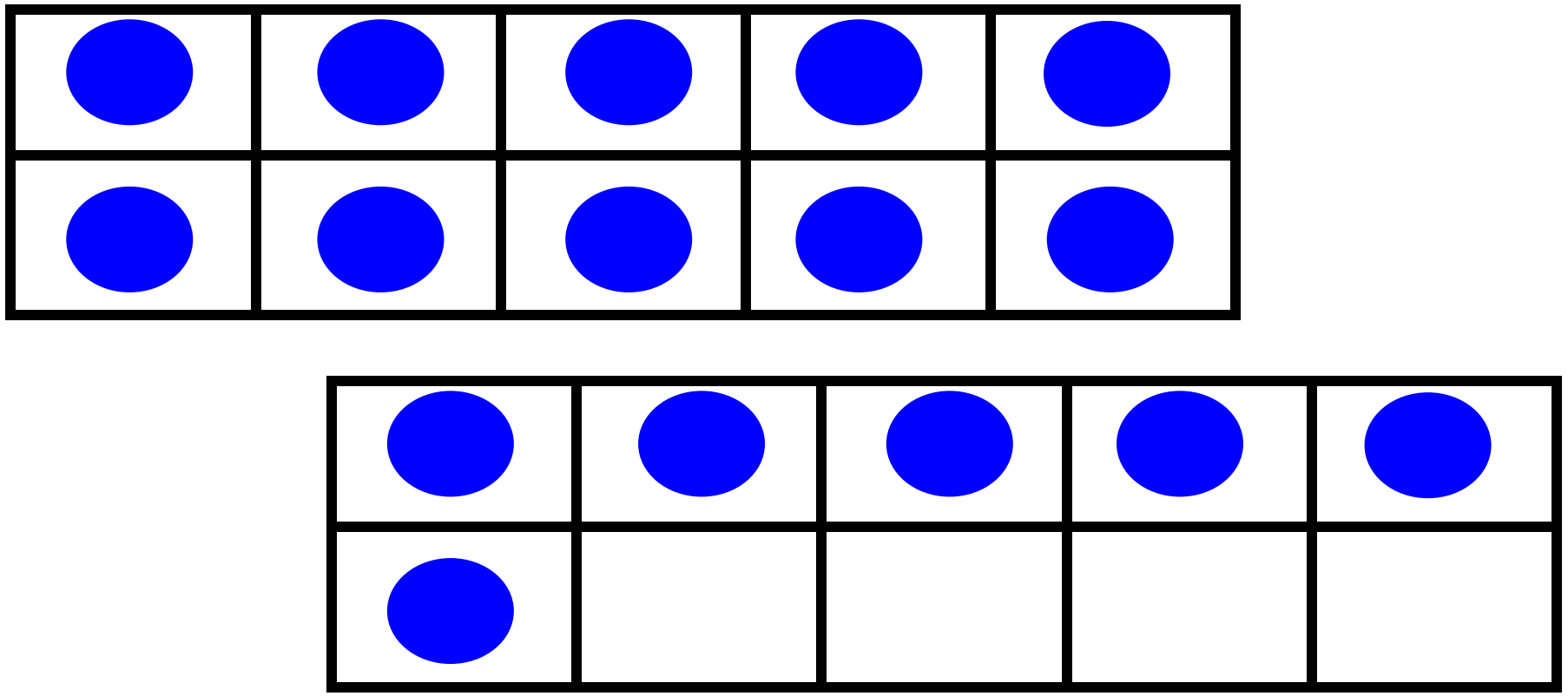

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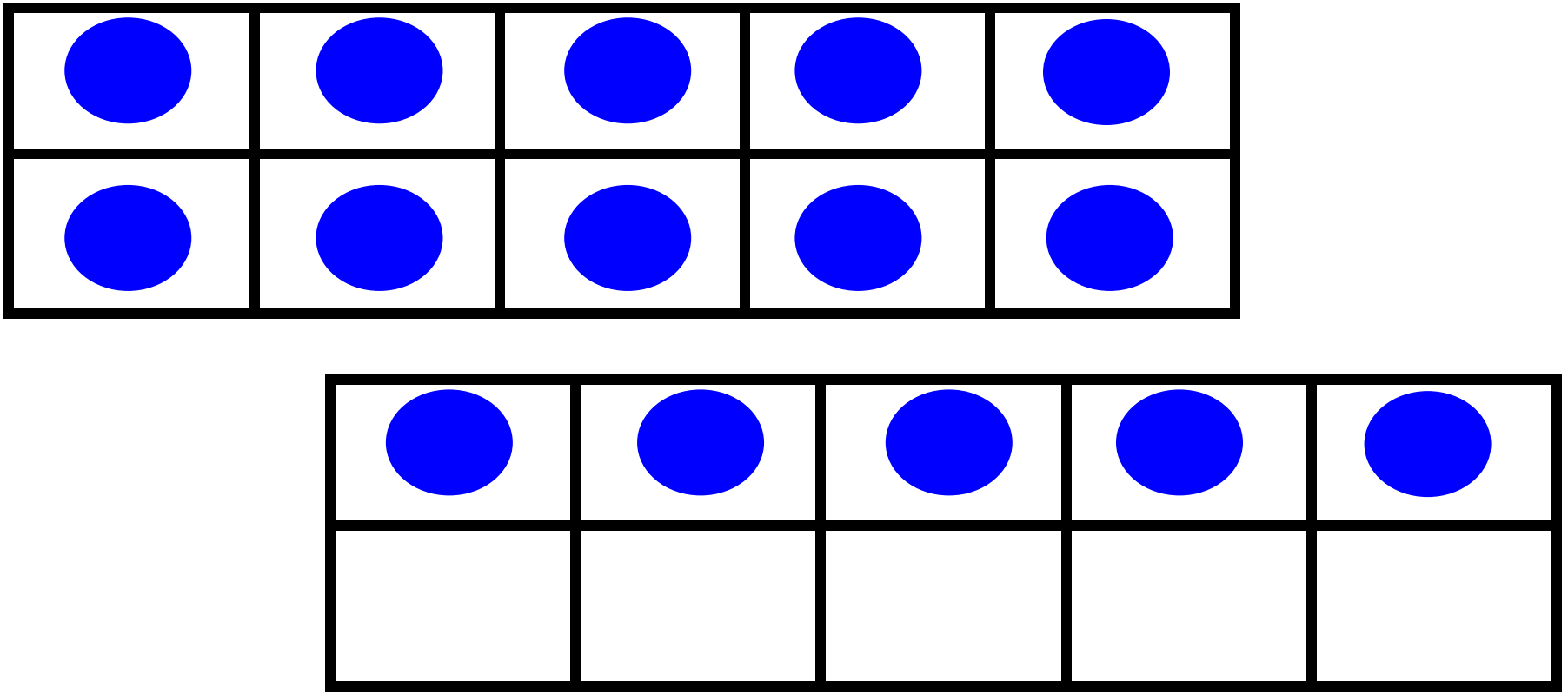

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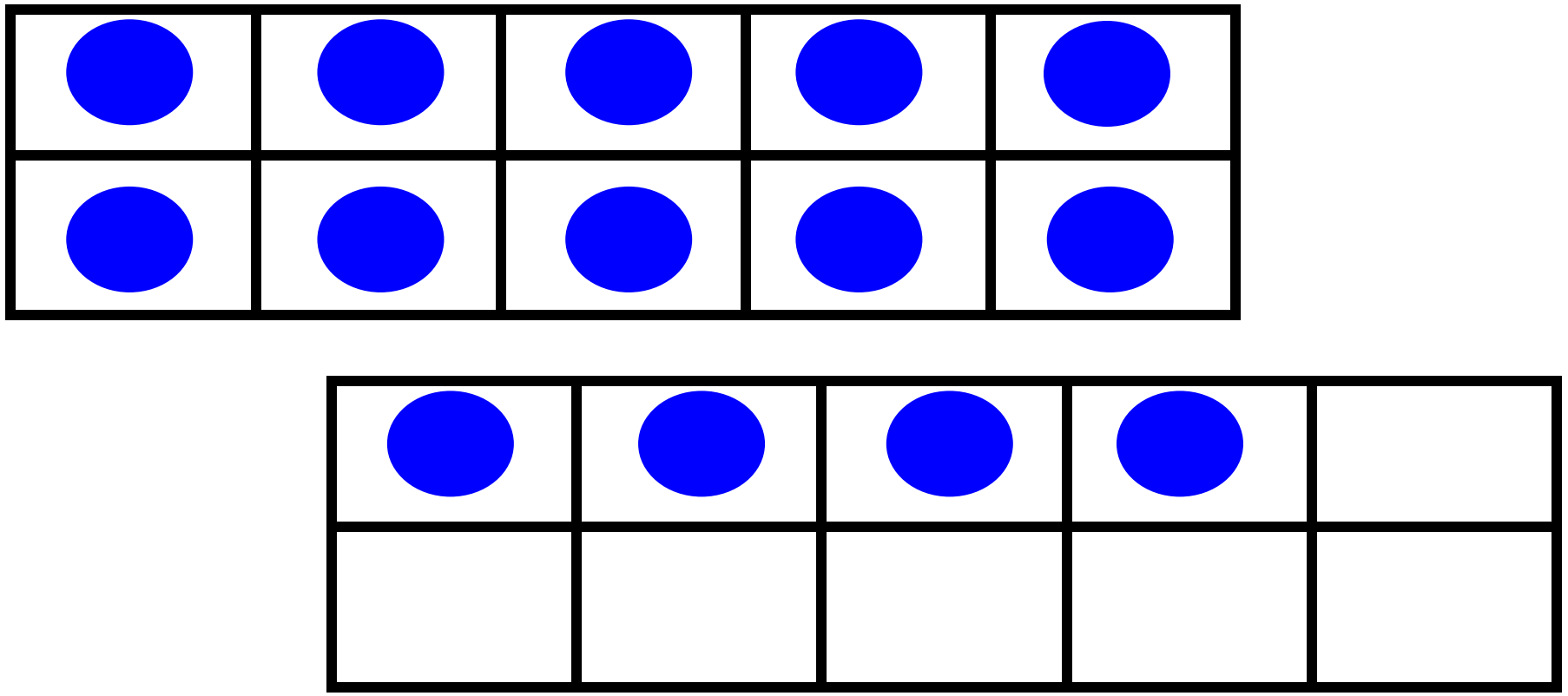

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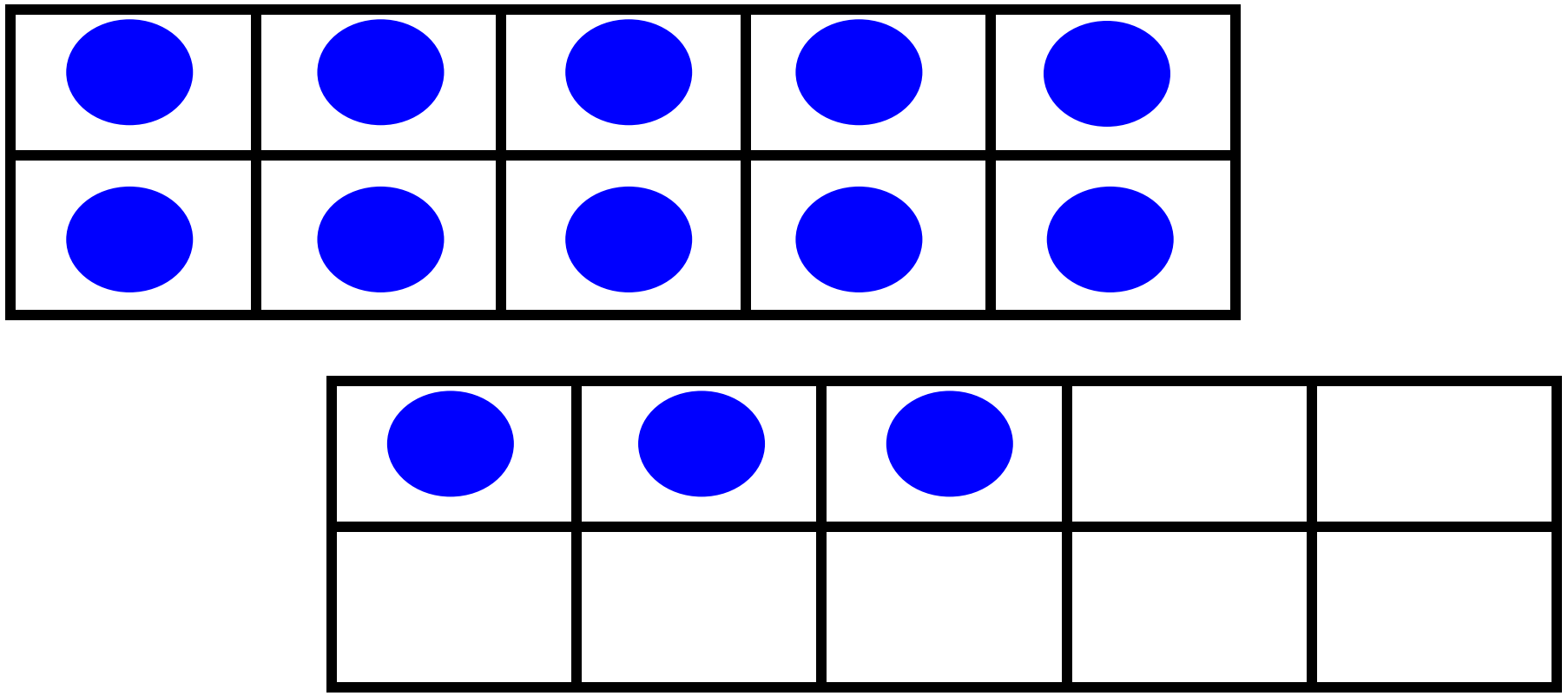

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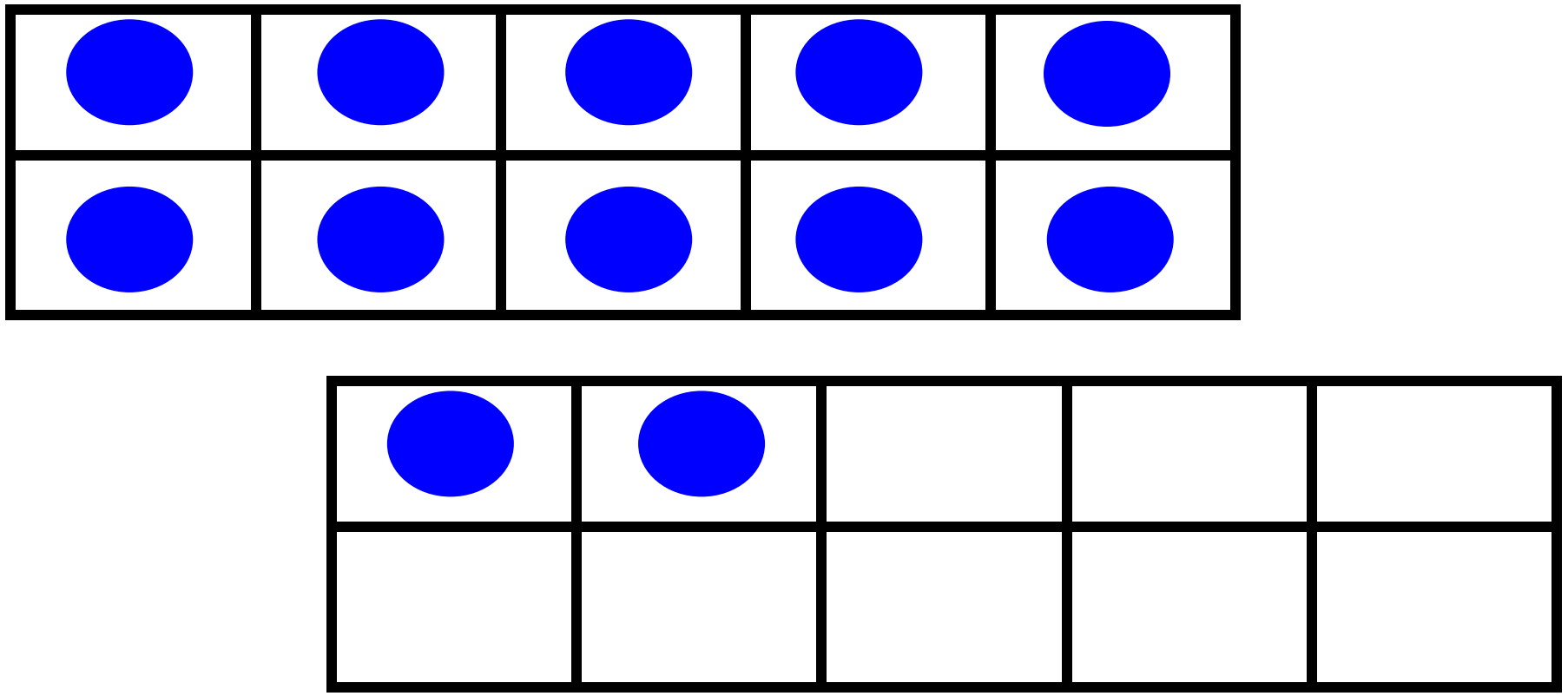

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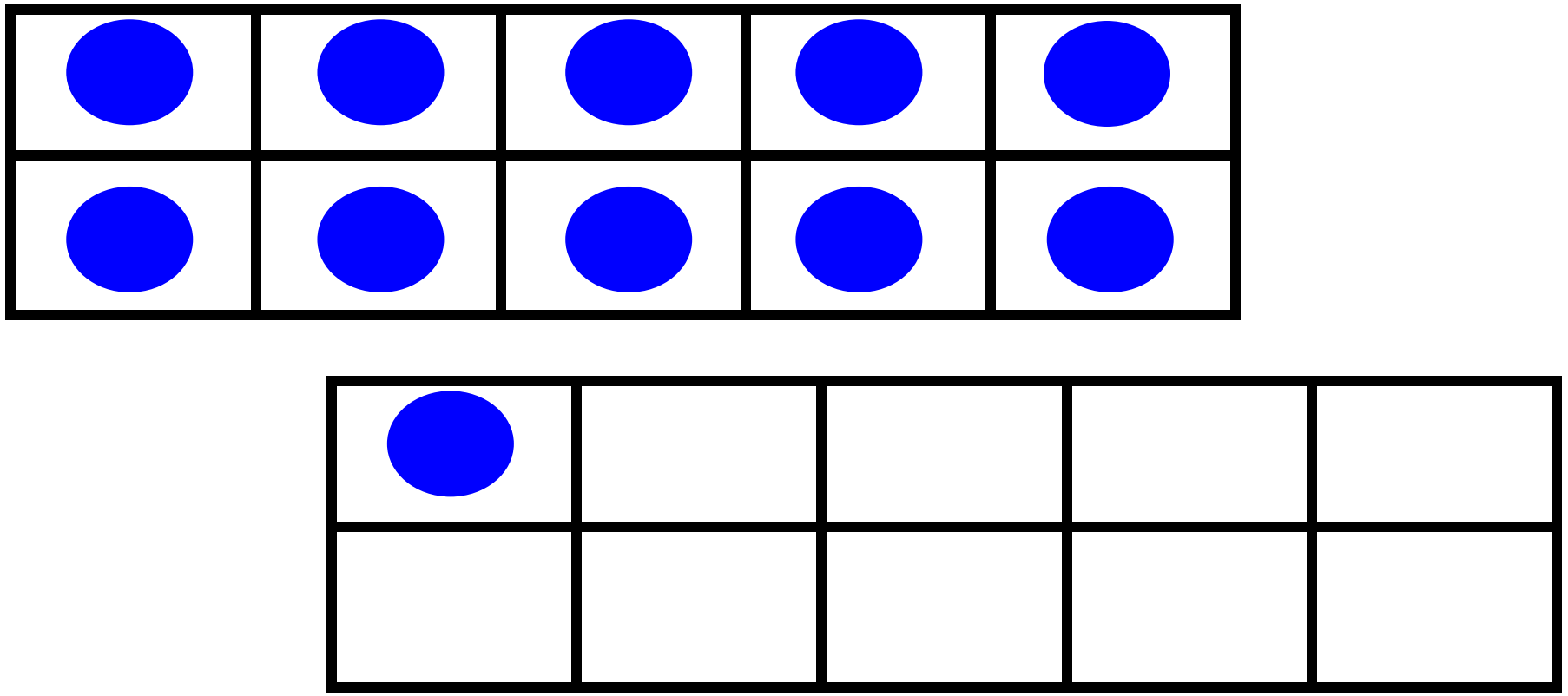

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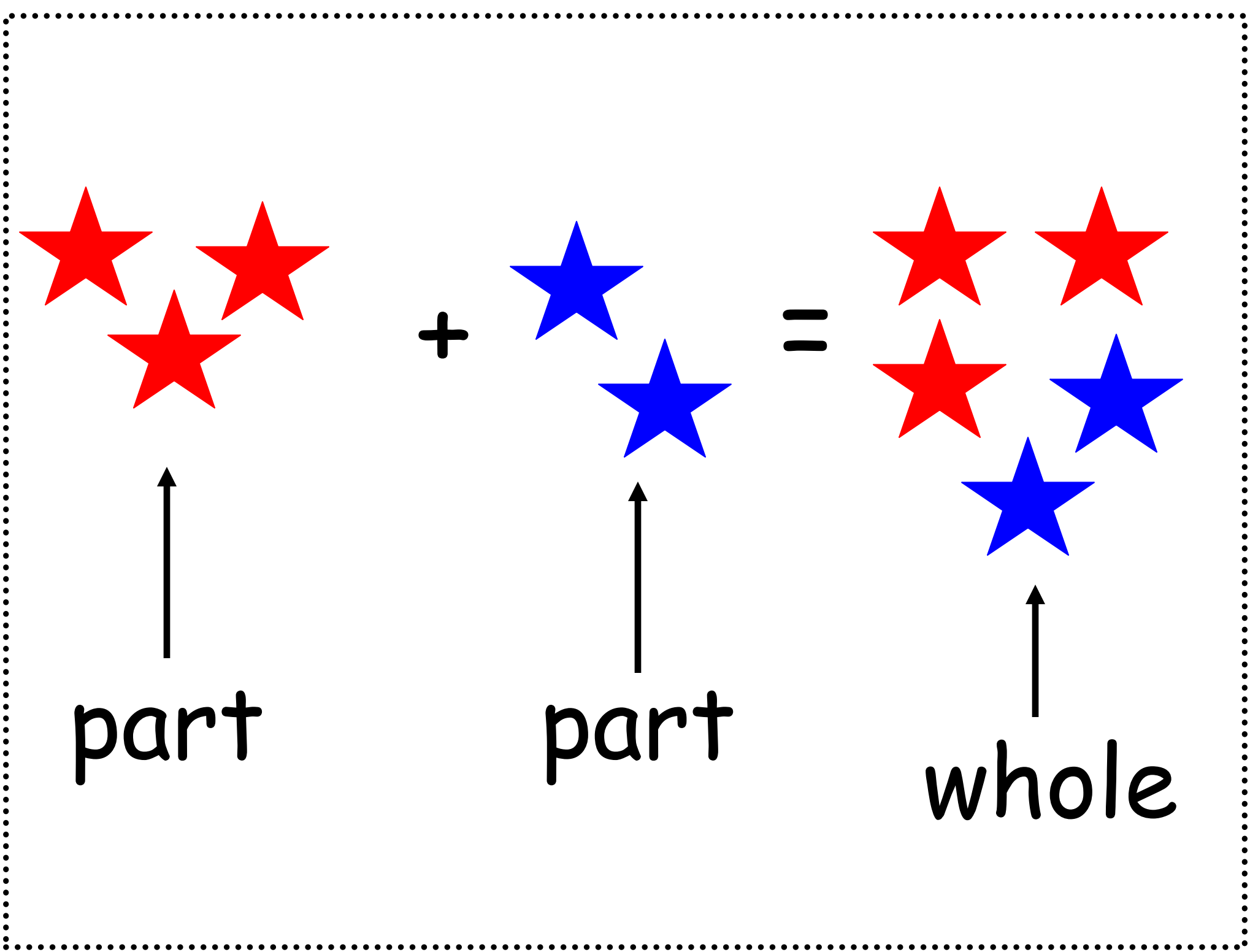
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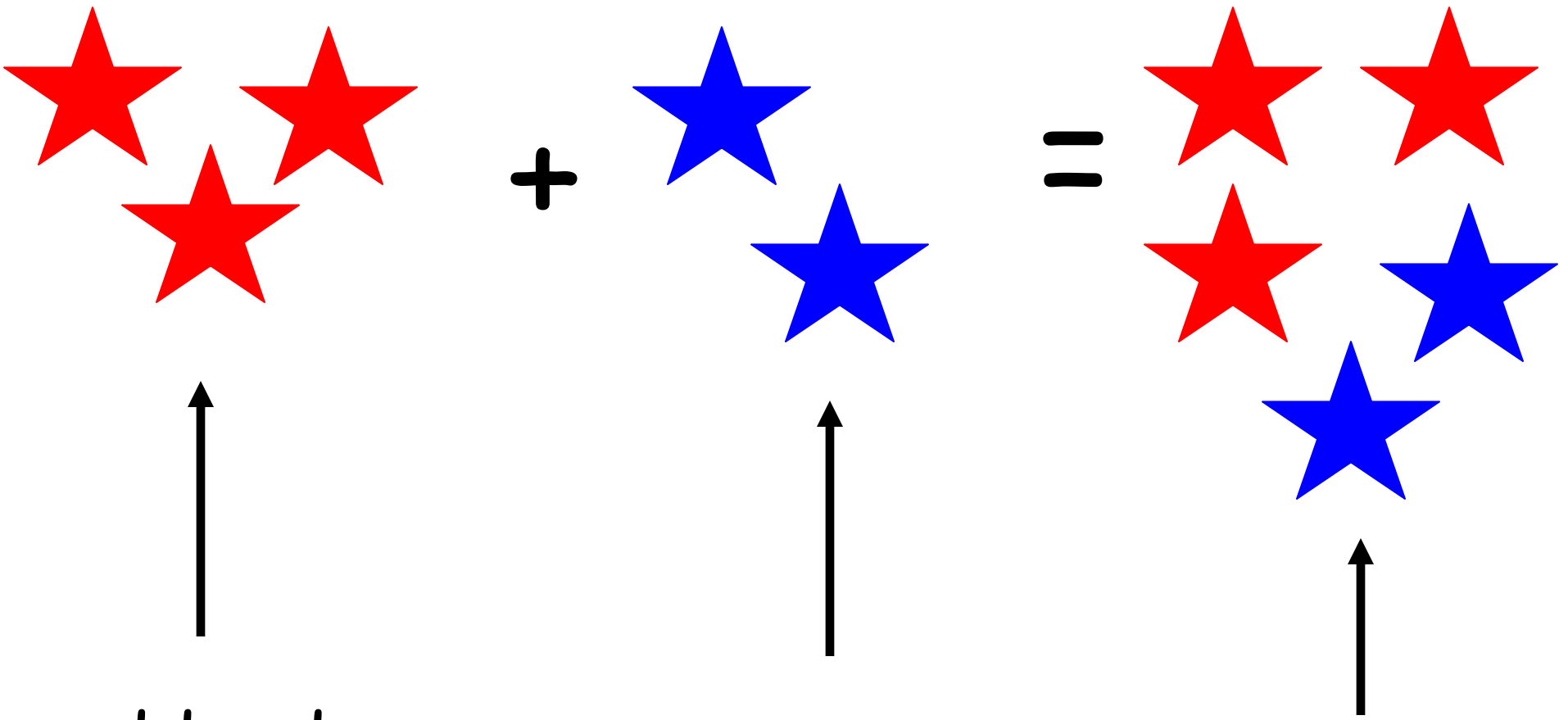
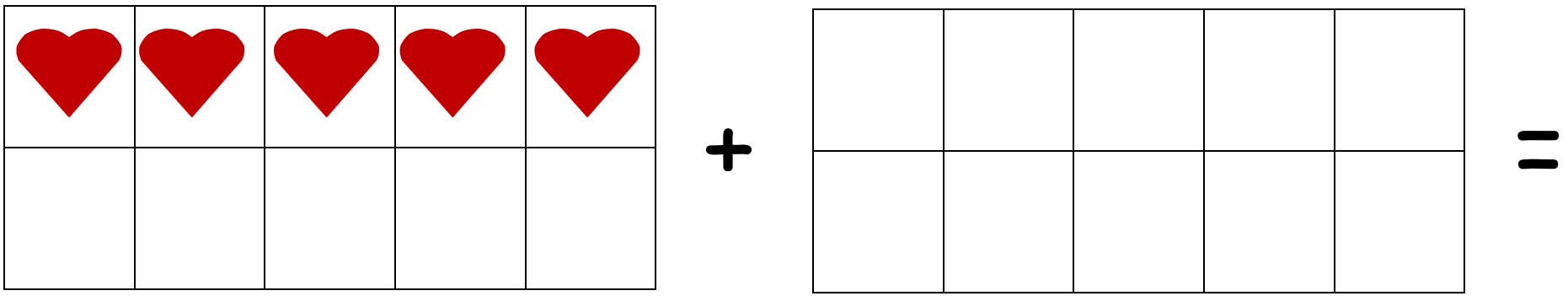


Addend- the addends are the two numbers being added.

Zero Strategy

When one of the addends is 0

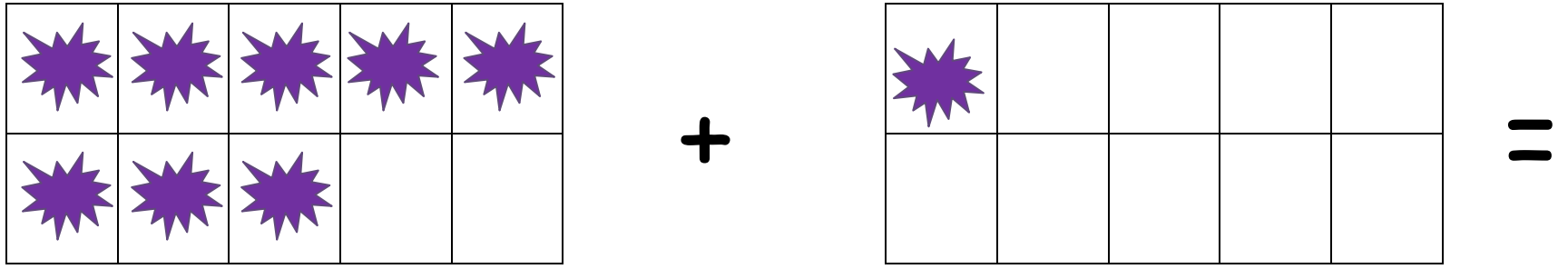
5+0=

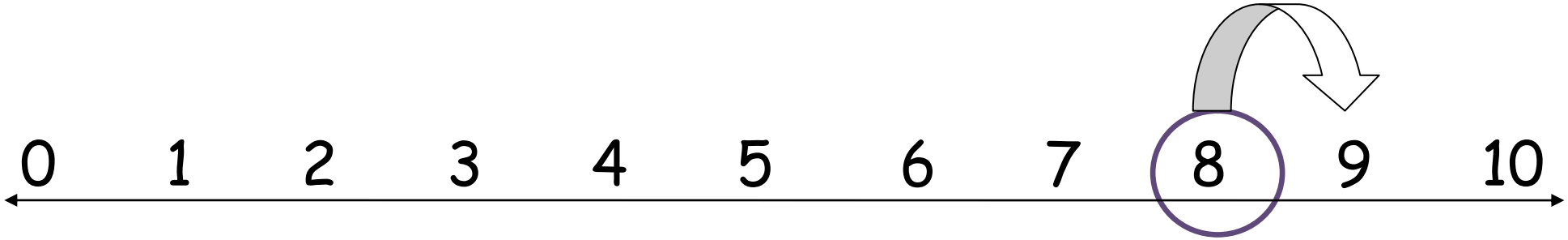


One More Strategy

When one of the addends is 1, you count on 1 more.

$$8+1=$$

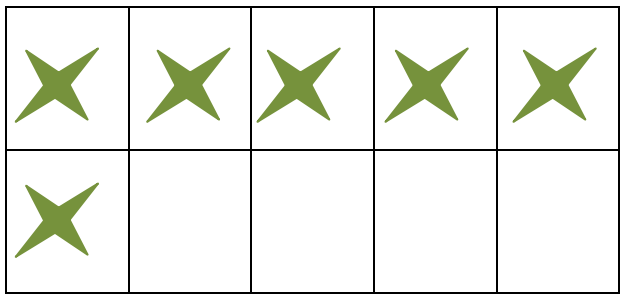




Two More Strategy

When one of the addends is 2, you count on 2 more.

6+2=



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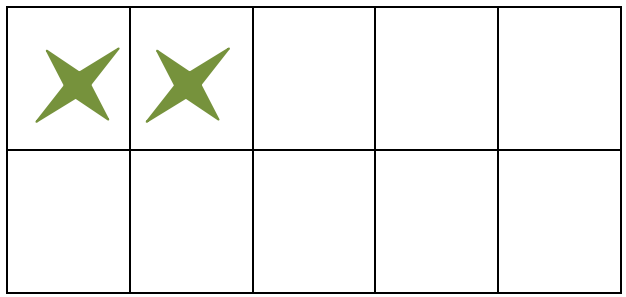

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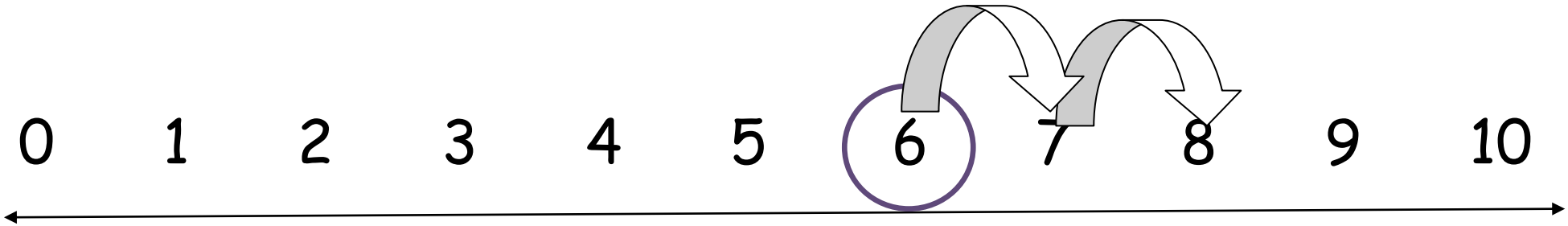
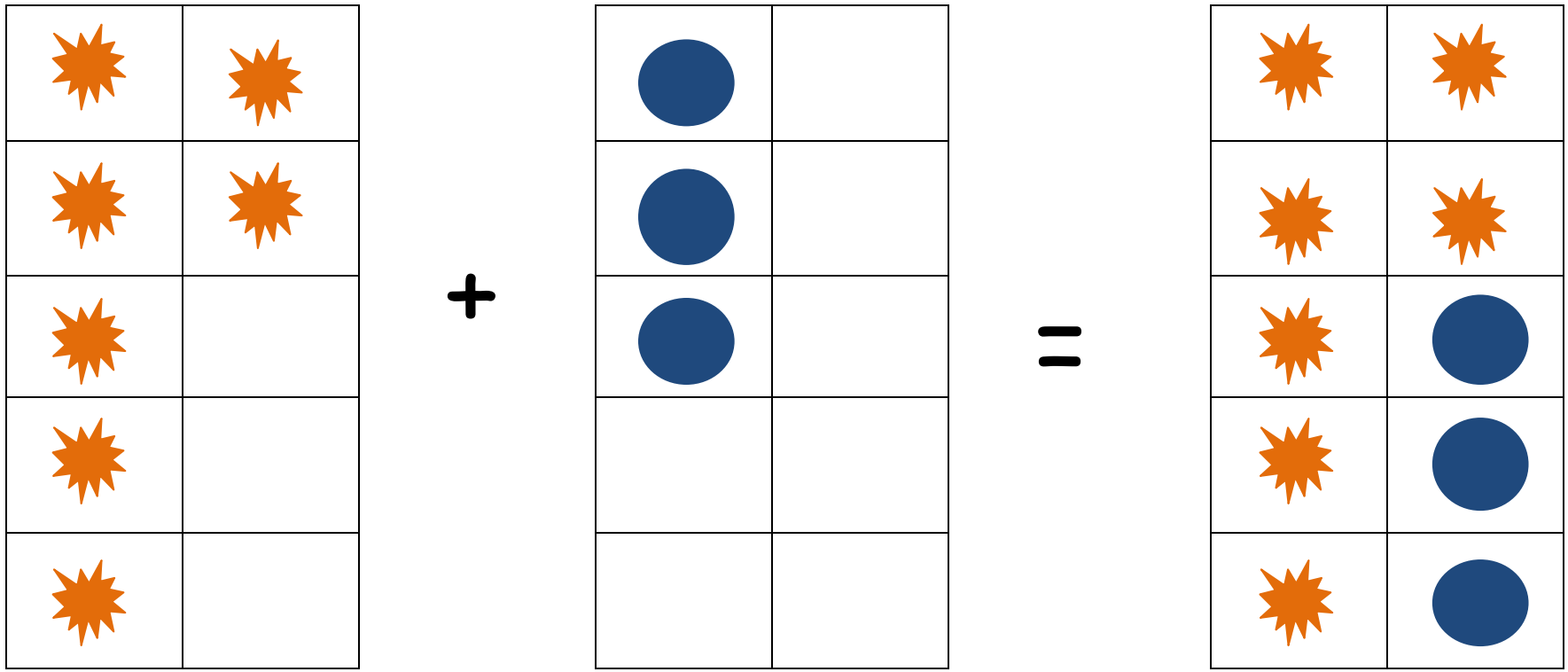


Sums of 10

Any two addends that equal 10

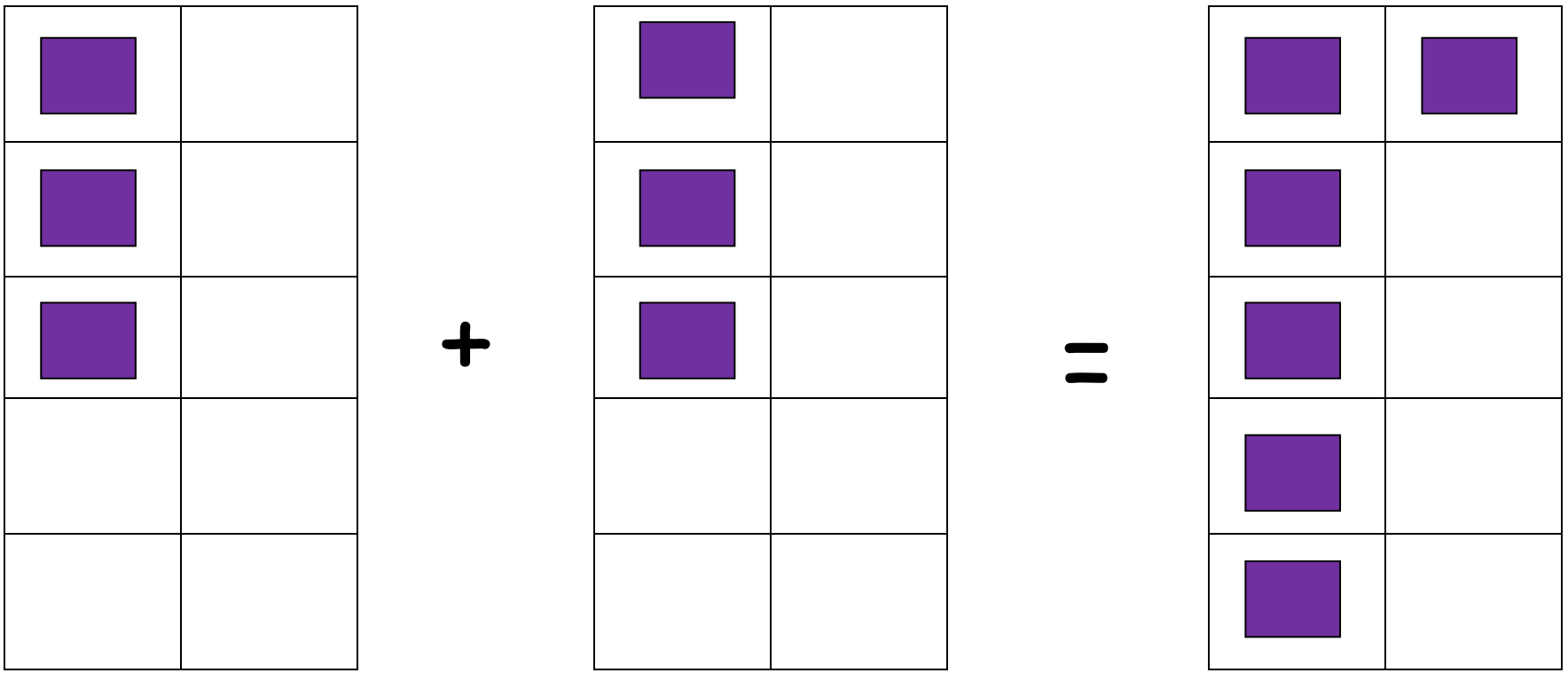
7+3=



Doubles Strategy

When the two addends are the same

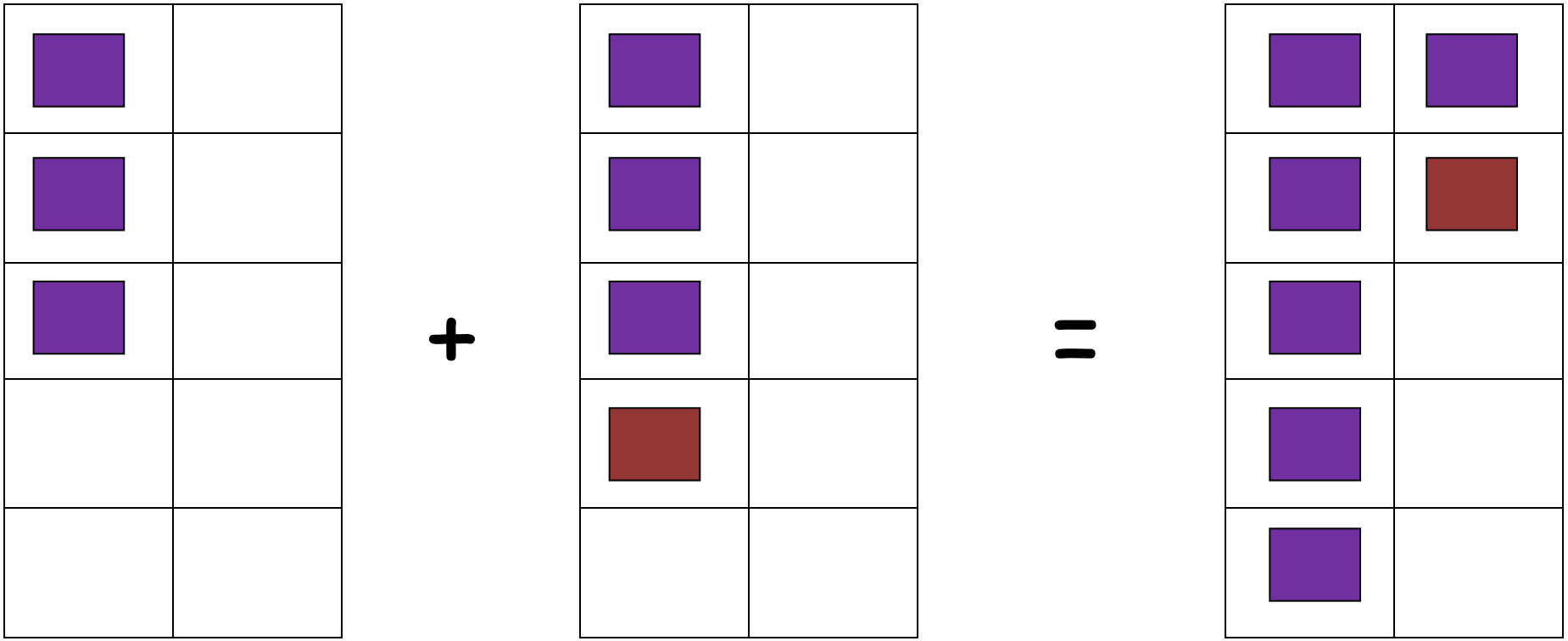
3+3=



Near Doubles Strategy

When one addend is 1 more or 1 less than the other

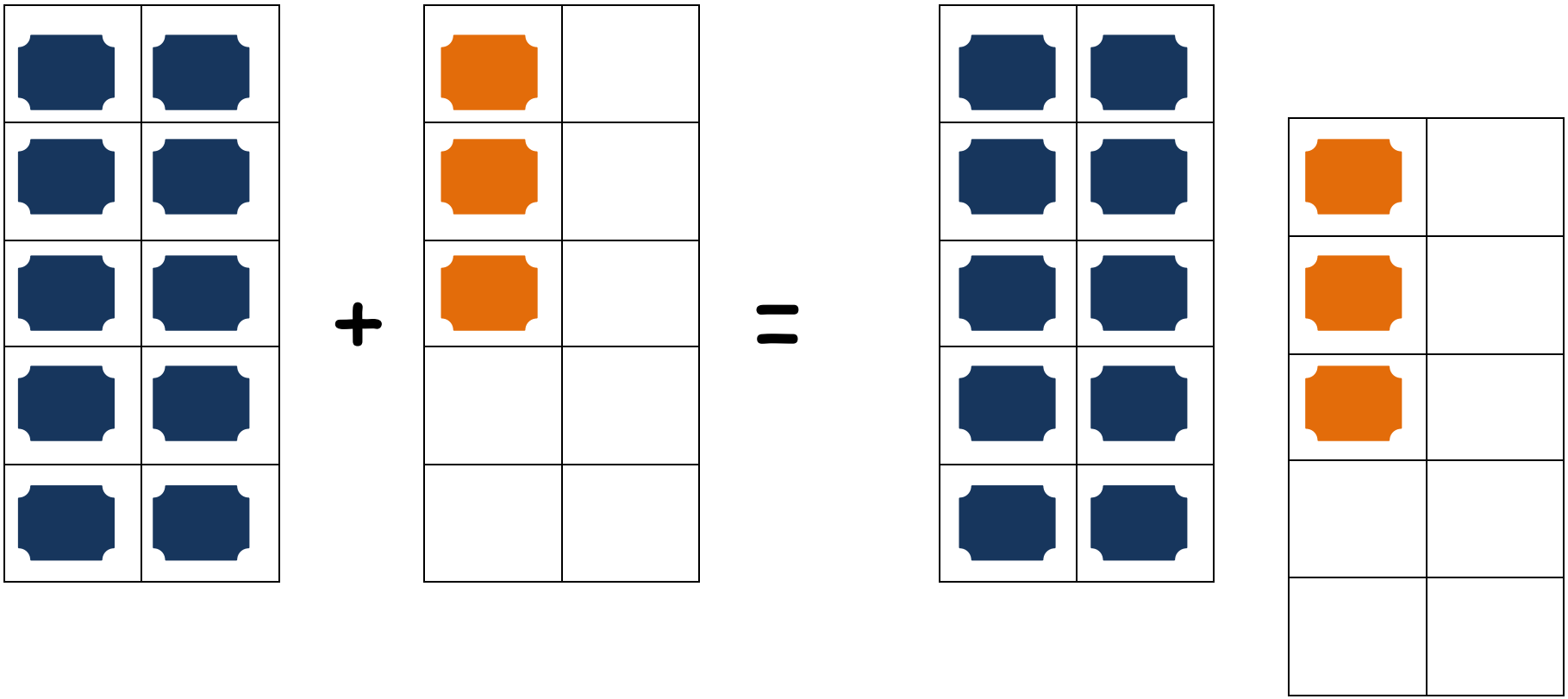
3+4=



Ten Plus Strategy

When one of the addends is 10

10+3= 13

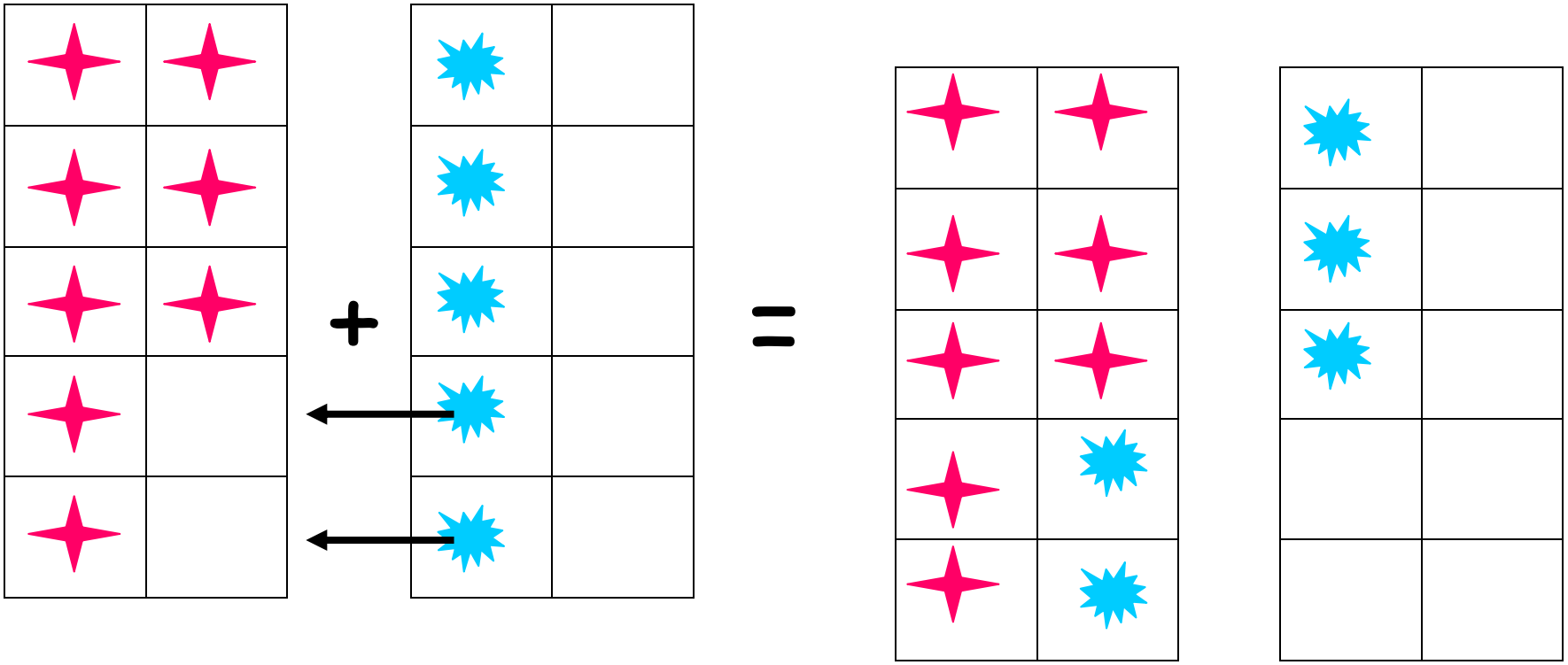


Make a 10 Strategy

Use when one of the addends is a 7, 8, or 9.

Make a 10 first, see how many you have left, and add.

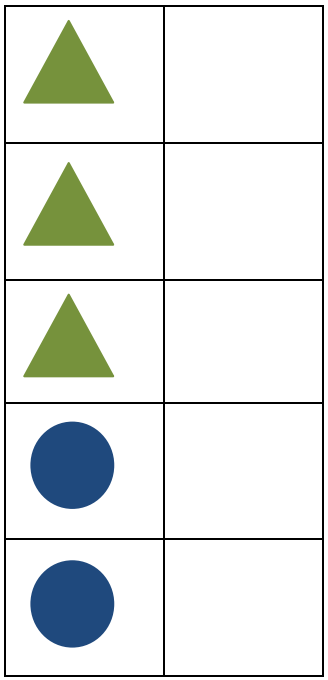
8+5= ⟶ 10+3= 13



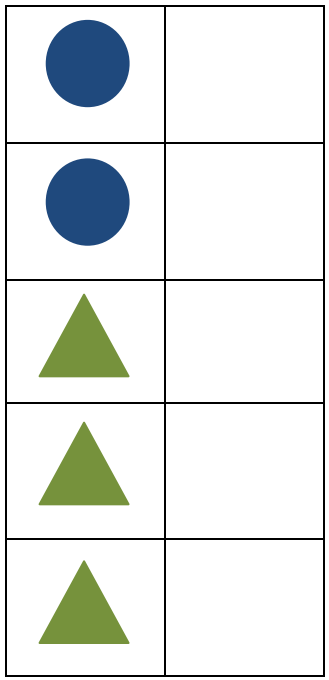
Related Fact Strategy

The order of the addends does not change the sum. The sum is the same.

3+2= 5



2+3= 5

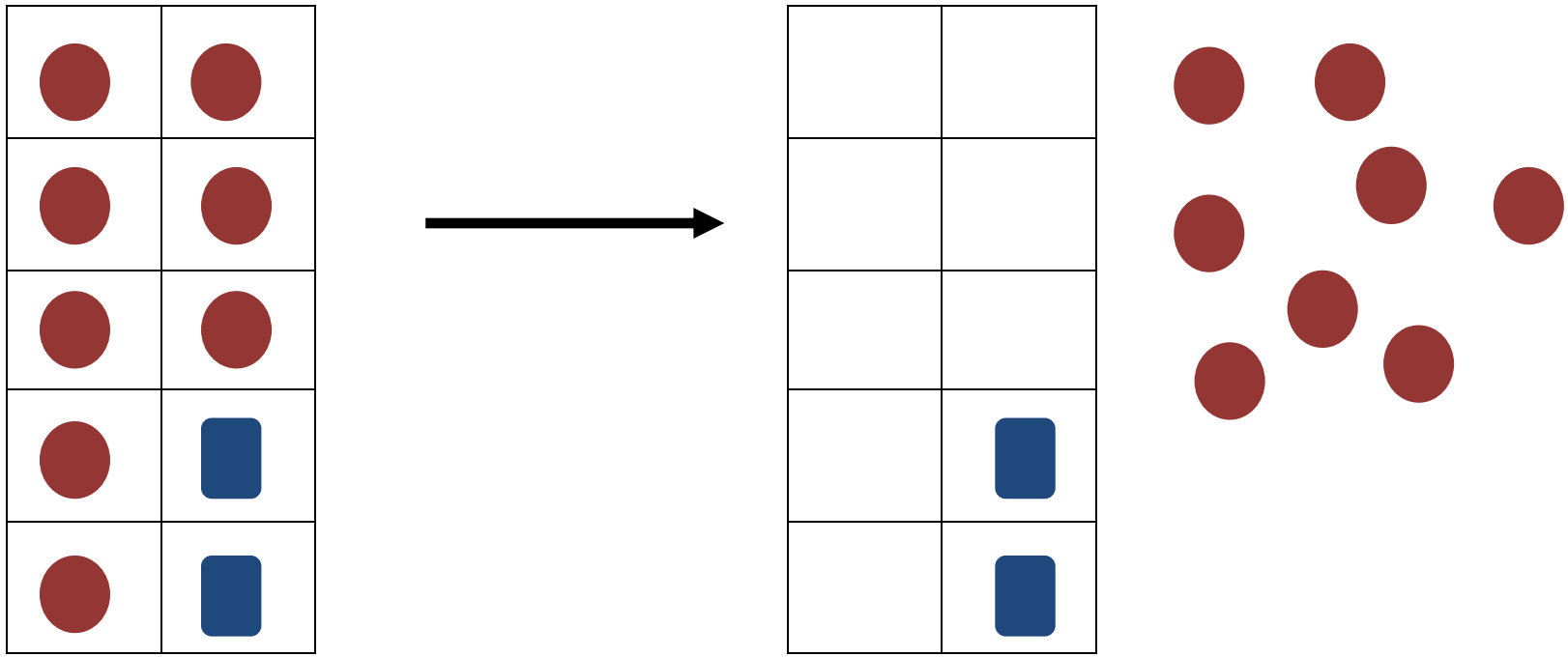


Think Addition

Use an addition fact to help you solve a subtraction problem.

10-8=?

Think 8+2=10, so 10-8=2



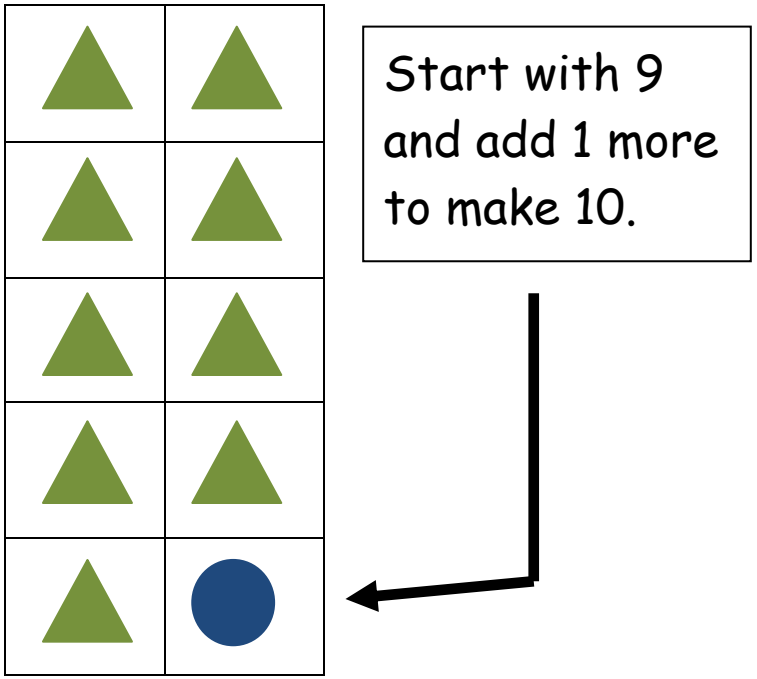
Build Up Through 10

This strategy is used for subtraction facts with -8 or -9.

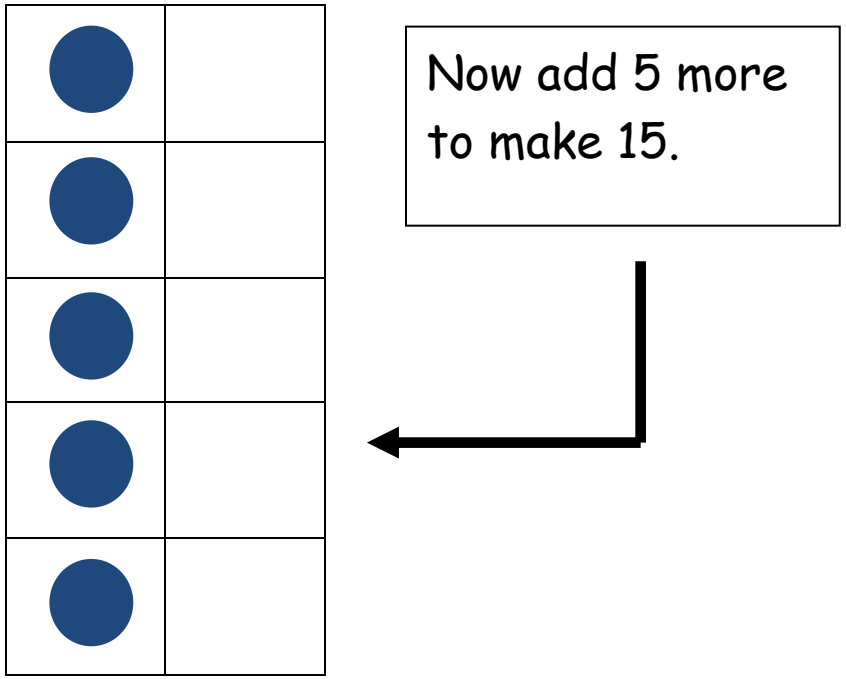
Instead of subtracting, build up starting with 8 or 9.

15-9=

You need **1 more** to make the 9 a 10, and then you need **5 more** to get to 15. **1+5=6, so 15-9=6**



Start with 9 and add 1 more to make 10.



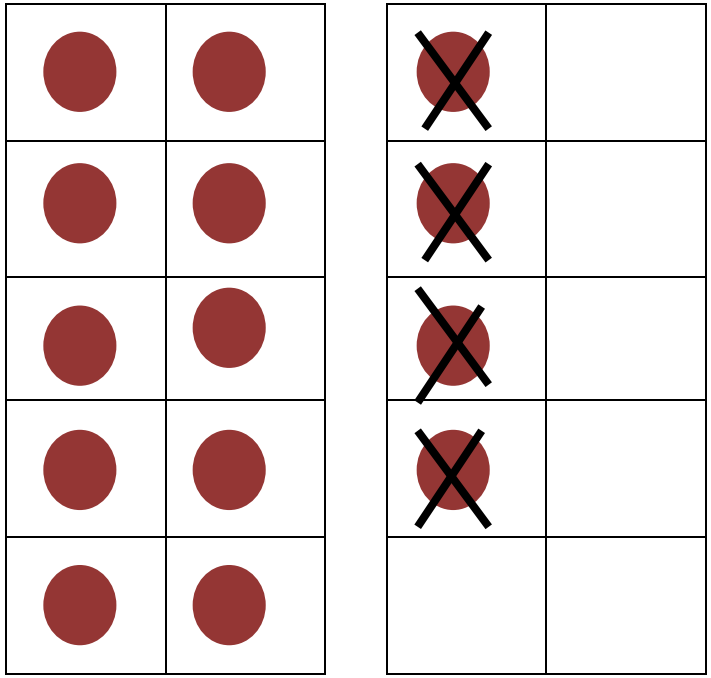
Now add 5 more to make 15.

Back Down Through 10

This strategy is used when one addend is larger than 10.

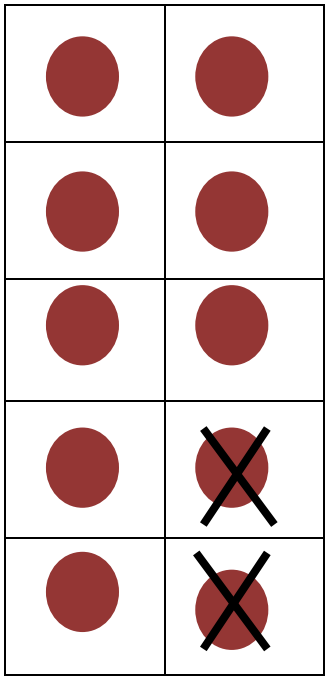
14-6=

Start with 14 and then take away 4 to make 10.



You have 10.
Take away 2 more.
(Now you have taken away a total of 6)

How many do you have left?



Doubles Memory Match (Concentration)

-Cut the cards apart (laminate for durability)
-Place face down on a table or carpet
-Students can play on teams or individually
-Students will take turns turning two cards over at a time.
-If a student makes a match then they get to keep the cards and go again.
-If a student does not make a match then the two cards are turned back over and another student takes a turn.
-Keep playing until all cards have been matched.

10+10=__	20

9+9=__	18
8+8=__	16

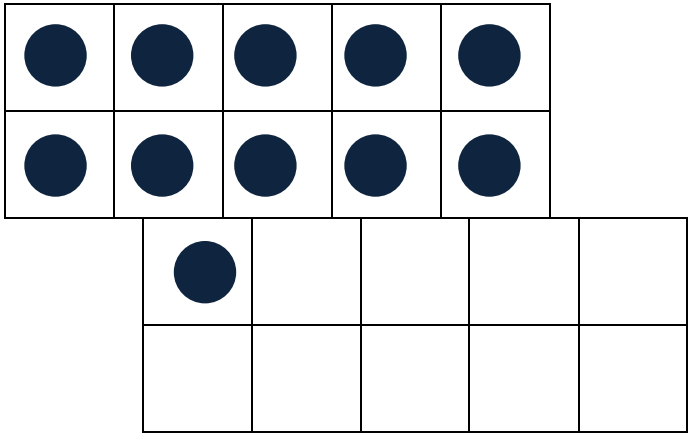
7+7=__	14
6+6=__	12

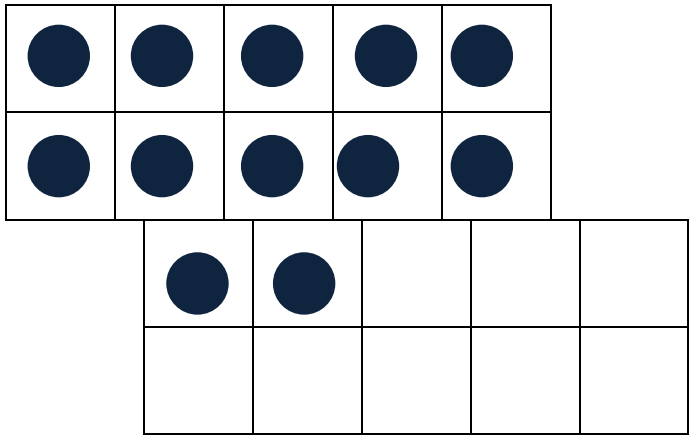
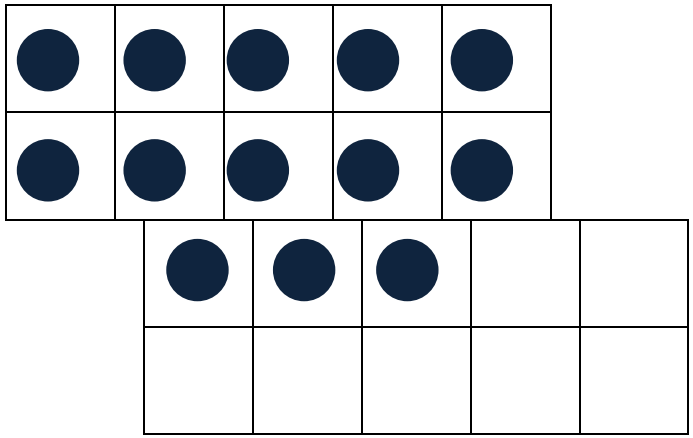
5+5=__	10
4+4=__	8

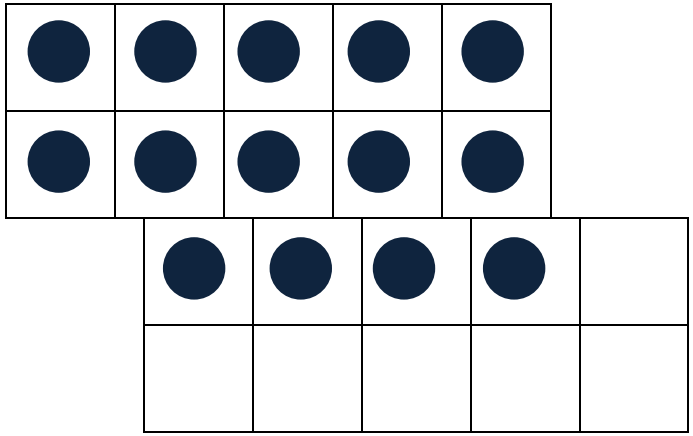
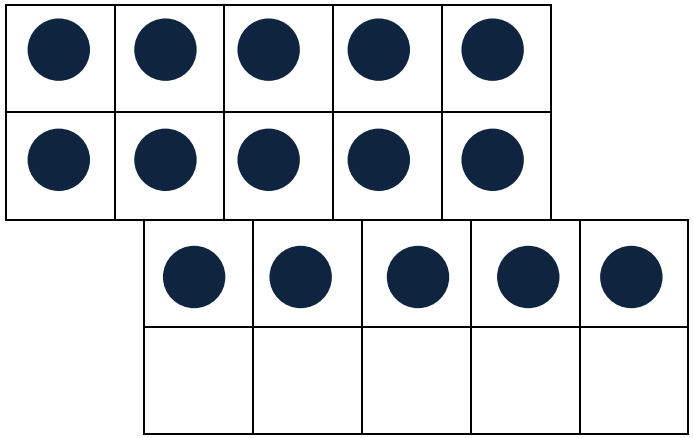
3+3=__	6
2+2=__	4

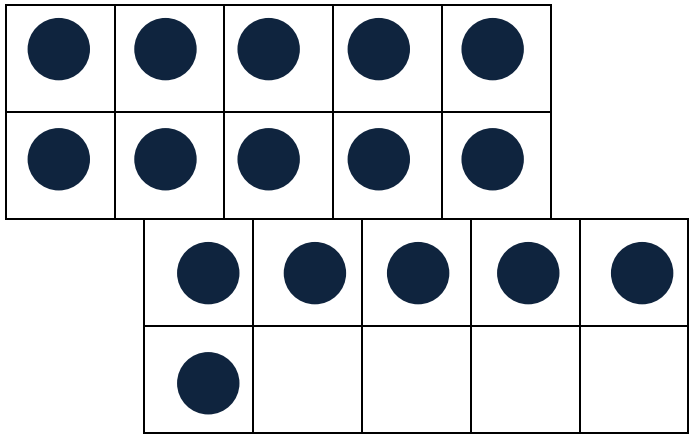
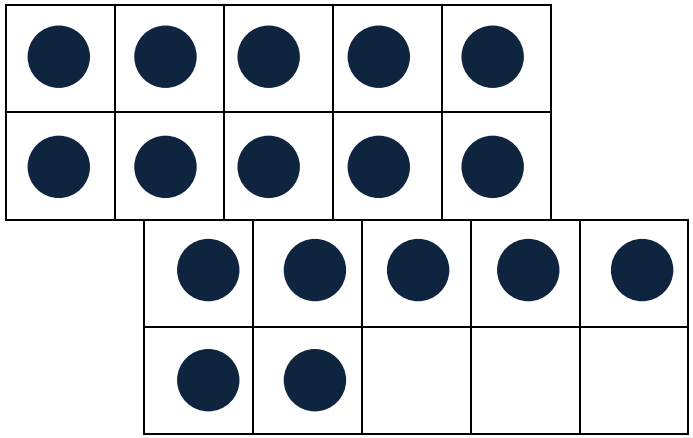
1+1=__	2

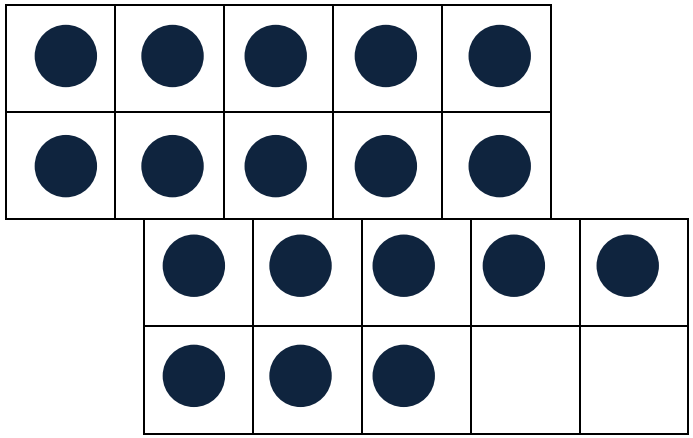
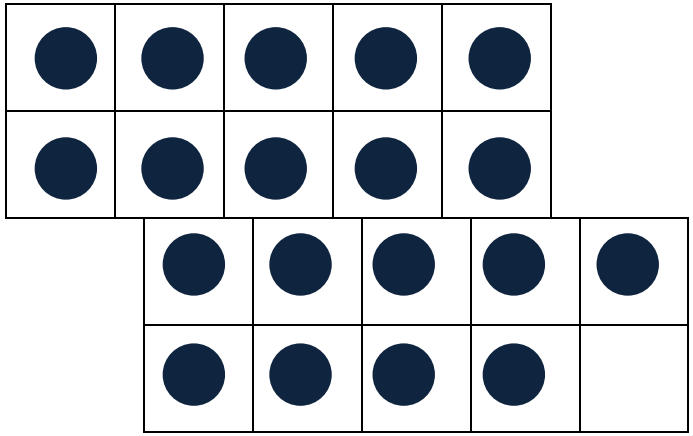
Memory Match for Numbers 10-20 (Match the numeral to the ten frame)

11	

12	
13	

14	
15	

16	
17	

18	
19	

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