

Pre-K -1st Grade Math Facts Challenge

Help children build number awareness.

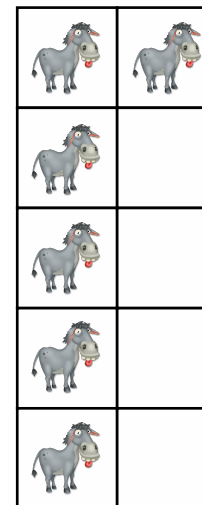
Using “How Many?” flashcards and The Early Add app.

It’s OK if children count at first. Counting is part of learning.

Eventually, they will come to recognize a column as five. Then you can encourage them to use that information to stop counting. For example, if they see the card with six donkeys, you can say to them, “How many donkeys are in this column? How many is one more?” After they answer, they can count to confirm that this strategy works.

You can do the same for four. Ask, “How many ducks would there be if there was one more duck? How many is one less than five?”

Choose a set of cards. Practice for one week.



The Math Facts Mad Dash: A relay race with math facts.



Distance from starting line to answer table: 10 feet.



Players begin at the starting line, run to the table, answer a question, run back to the starting line, and repeat.

Use the
Early Add app
or
flashcards.

The dash adds fun and fitness, while sending blood and oxygen to the brain.

Children do the dash *after* they learn the facts. It’s an ideal way to build speed.

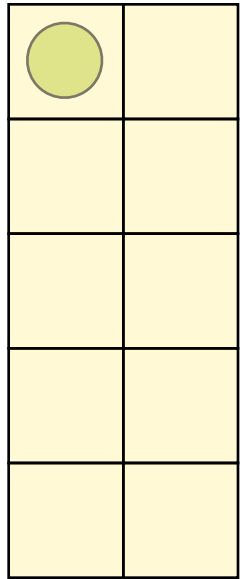
You can set up a dash station in your living room or backyard.

Doing the Math Facts Mad Dash with young children.

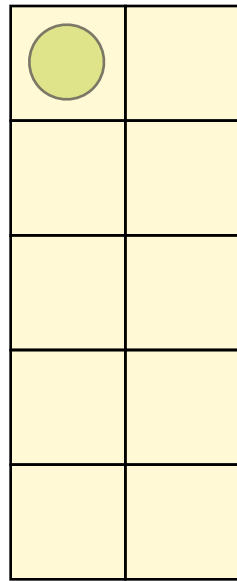
There is no need to keep track of time or number correct. It’s all about fun and practice.

Be there at the answer table to provide hints and feedback. Run back and forth with them.

FRONT 1-10

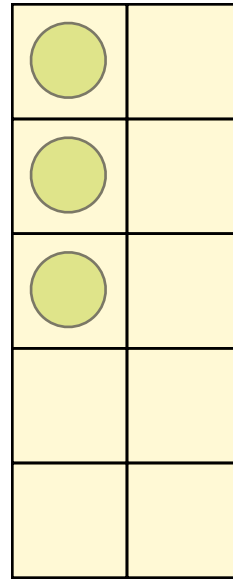


How many?

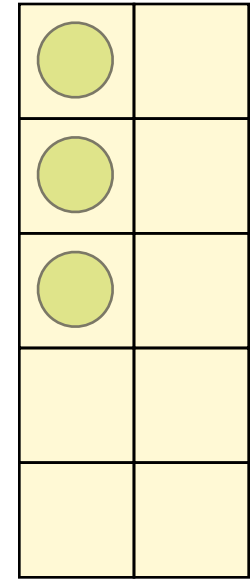


1

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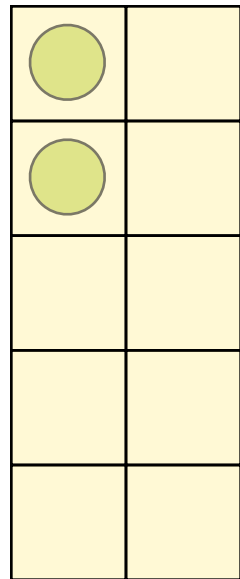


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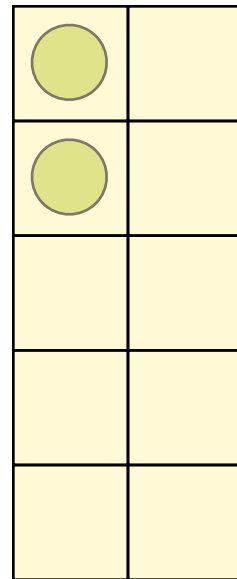


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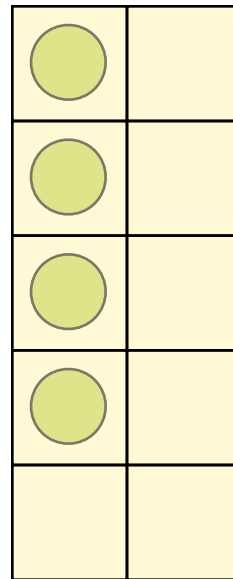


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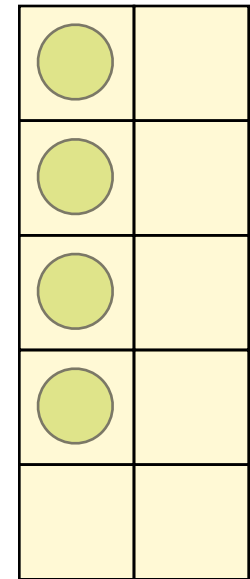


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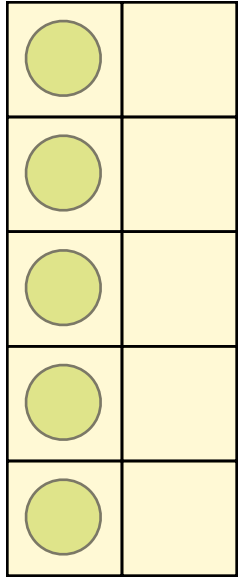


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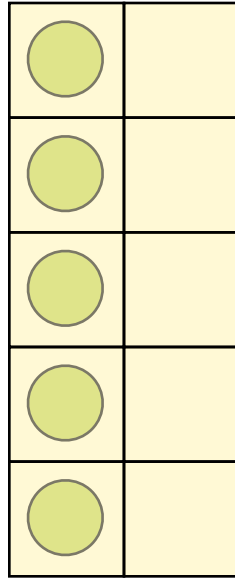


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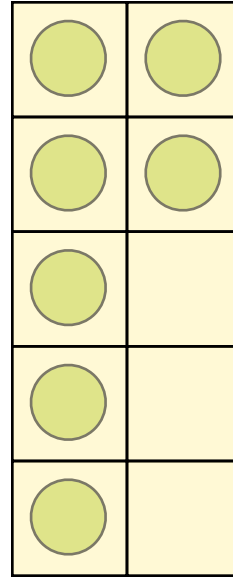


How many?

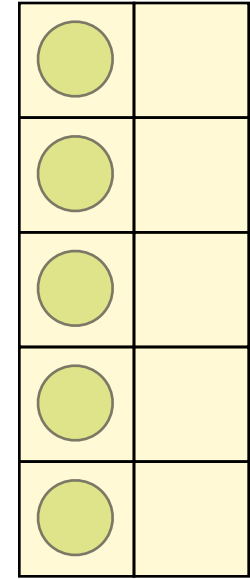


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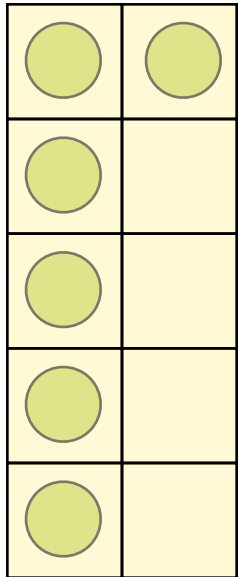


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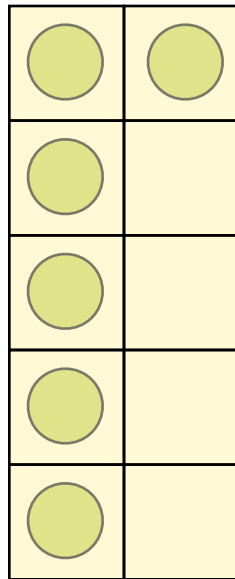


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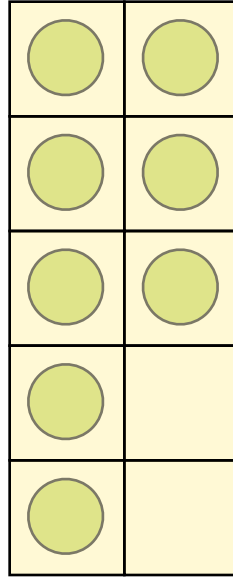


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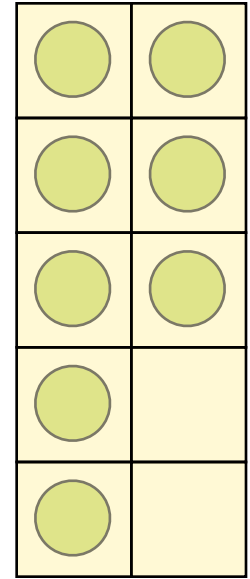


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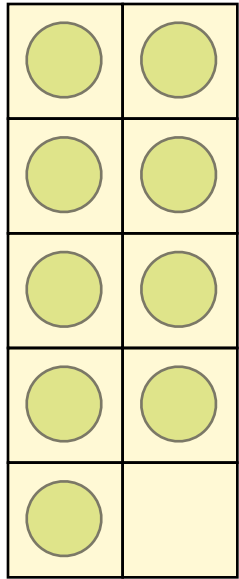


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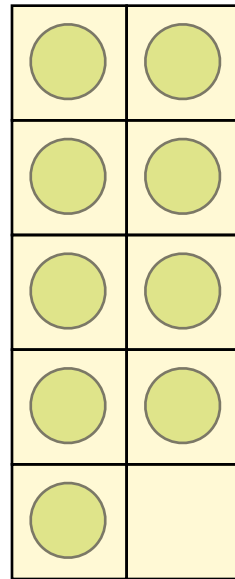


8

FRONT 1-10



How many?



9

Questions to Ask

It's OK if children count at first.

After a while children will come to know that a column has five squares.

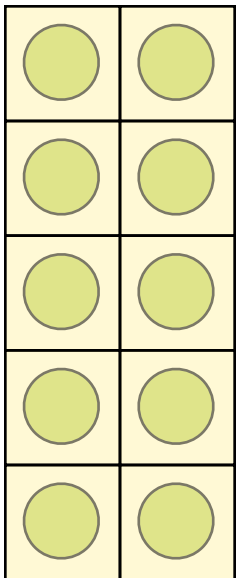
If the child sees a column with five dots and begins to count, ask the child, *How many dots do you think there are? Now count and see.*

Do the same with ten. Soon the child will know, 1, 2, 3, 5, and 10 with a glance. Next work on one more. If the child sees a complete column and one more, ask, *How many dots are in the first column. How many is one more?*

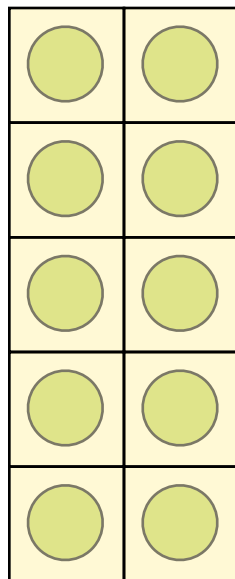
If the child sees a column with four dots, ask, *How many would it be if the column was full? How many is one less?*

Do the same with ten and one more and one less. Then work on two more and two less.

FRONT 1-10



How many?

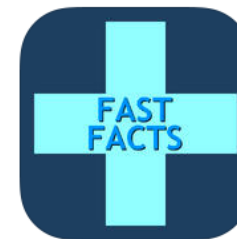


10

FastFacts Early Addition

FastFacts Early Addition is an app by StudySmart that uses these flashcards. It includes the following lists:

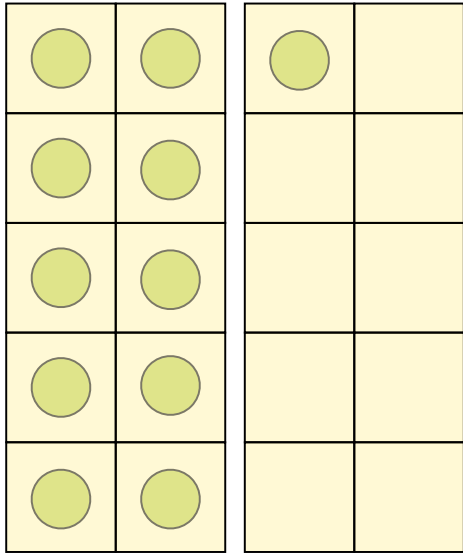
- How Many 1-10
- How Many 10-20
- Sums to 7
- Sums 8 to 11
- Sums 12-18
- Plus 10
- Missed Facts



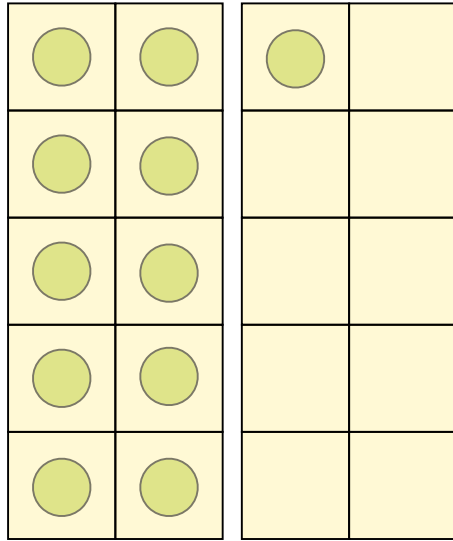
You can set a time limit to answer. This helps children answering quickly, progressing from counting to recognizing the number of dots at a glance.

View and e-mail a progress report after every practice session. Early Addition is presently available for Apple IOS. Coming soon to Android.

FRONT 11-20

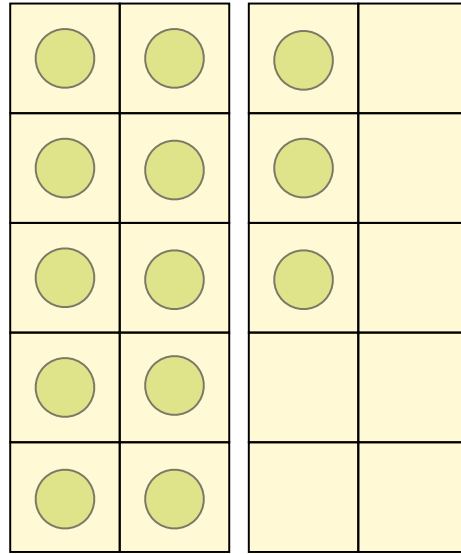


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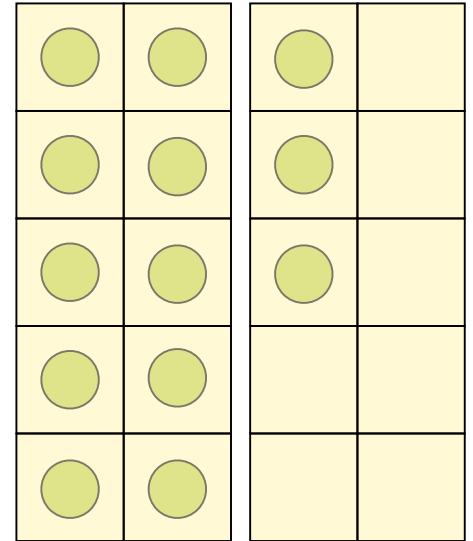


11

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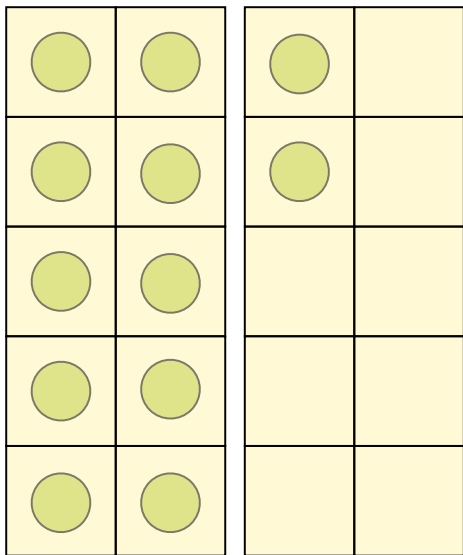


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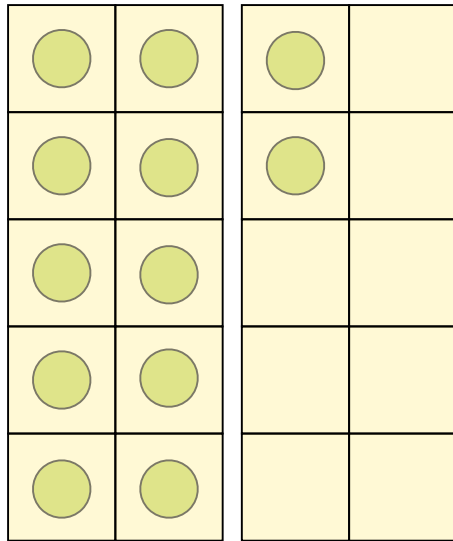


13

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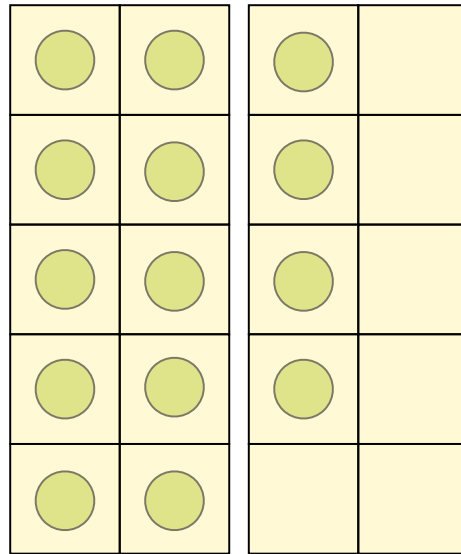


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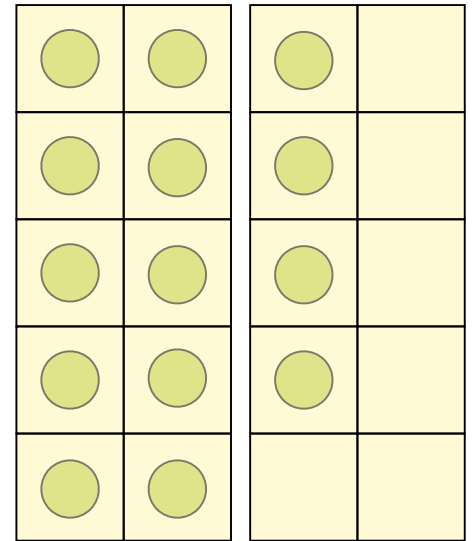


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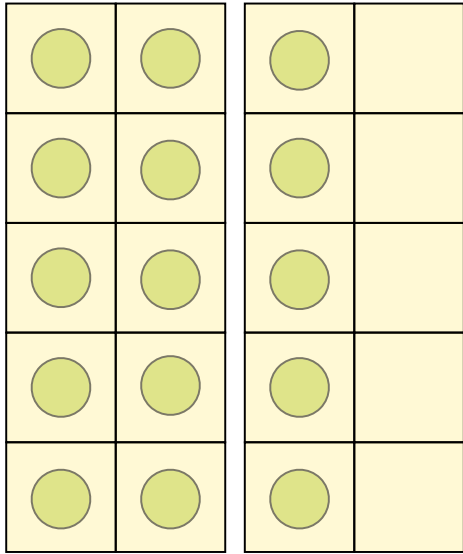


How many?



14

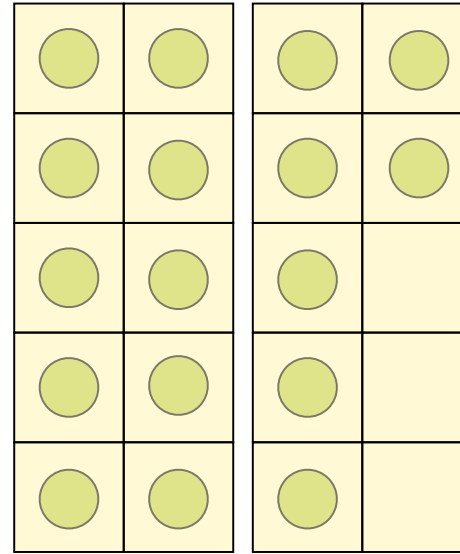
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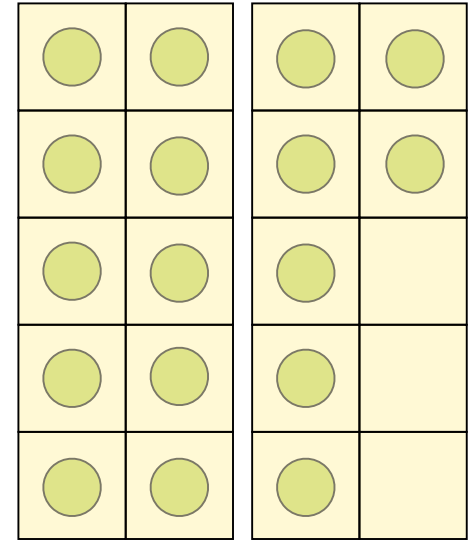
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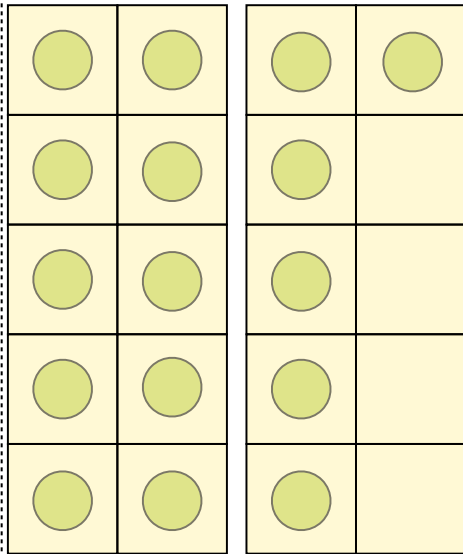


How many?

17



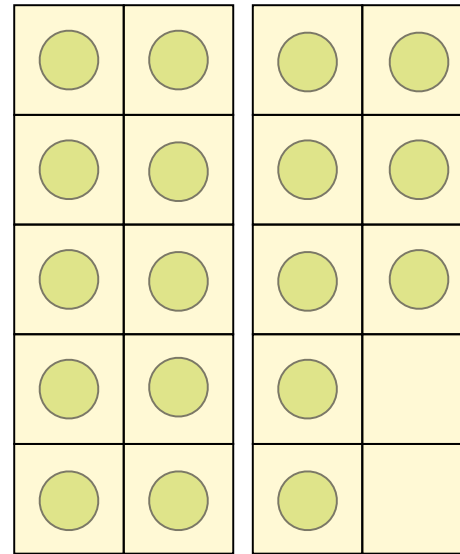
FRONT 11-20



How many?

16

FRONT 11-20



How many?

18

