Unit 6

Numbers 0–20

Essential Questions

- How can you use what you know about counting to figure out how many are in groups of up to 20 objects or pictures?
- What are the different ways you can show a teen number?
- How can you use what you know about counting to order and write numbers?

Unit Story: Winners

You can read the Unit Story with your student by visiting the Unit Story page on the Caregiver Hub.

Unit Investigation

Lesson 1 is the Unit Investigation. Students explore composing and decomposing groups of up to 19 objects using what they know about 10 to build curiosity and apply their own knowledge in a variety of ways. Use the **Caregiver Connection** to help students continue to explore the math they will see in the unit.

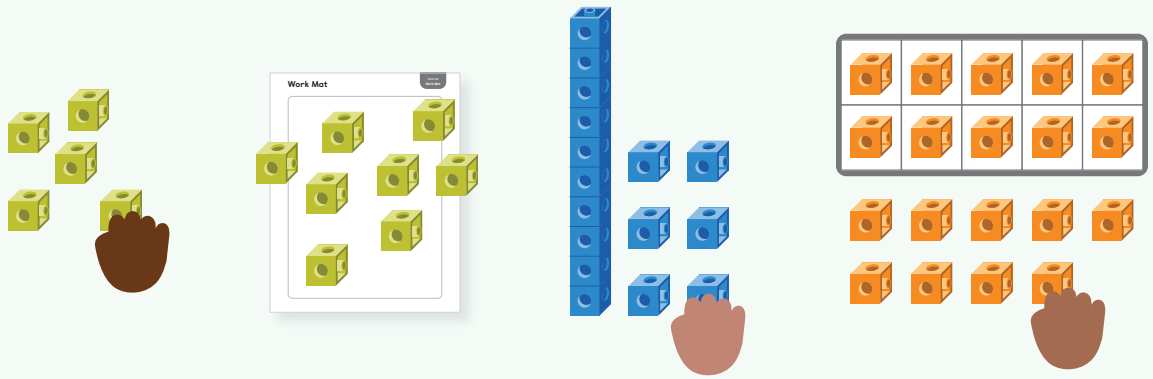
Caregiver Connection

Students may enjoy collecting, organizing, and counting groups of 11–20 objects at home. You can ask:

- "What do you notice about the groups you made?"
- Point to a group of objects and ask, "How could you organize this group in a different way?"

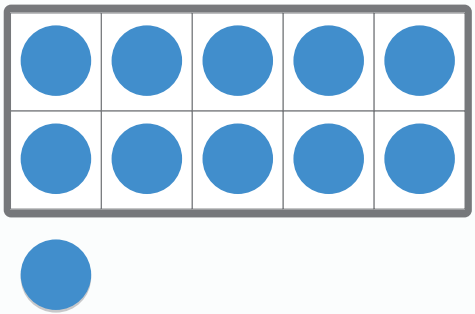
Summary | Lesson 2

Keeping track can help you count each object once and figure out how many objects there are in total.



Try This

1

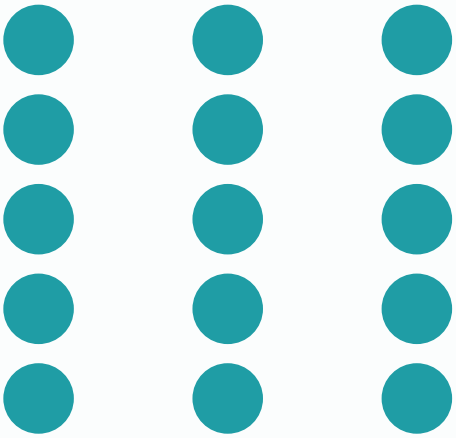


11

12

13

2



14

15

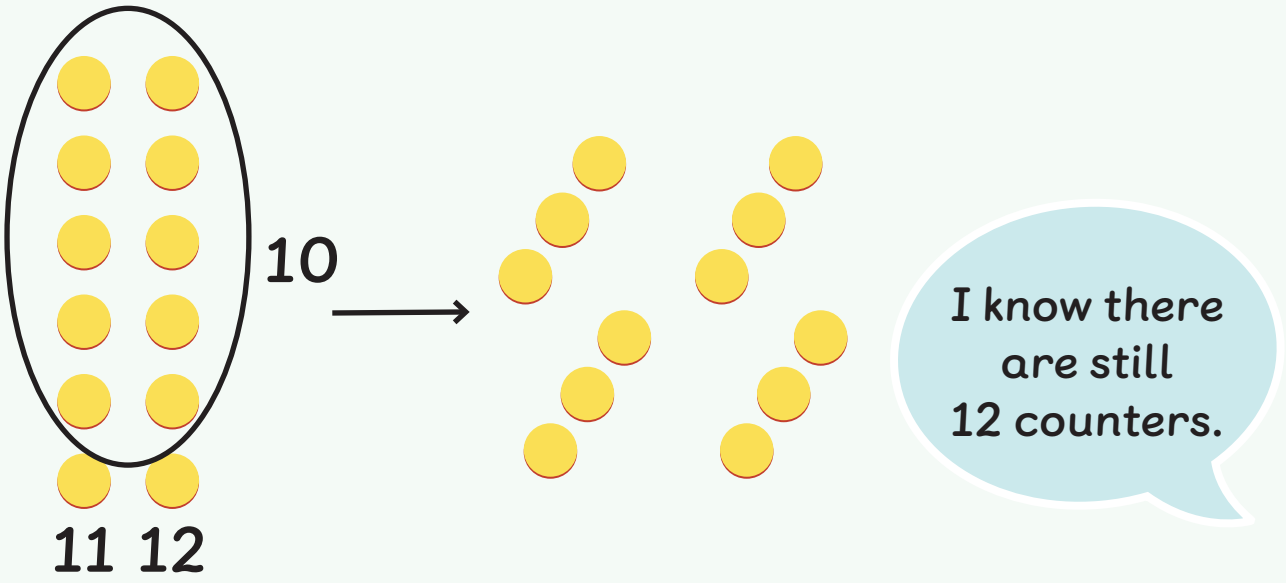
16

Directions:

1–2. Put an object on each dot to keep track as you count. Circle the number that tells how many.

Summary | Lesson 3

After a group of counted objects is rearranged, you do not need to count them again because the total number of objects will be the same.

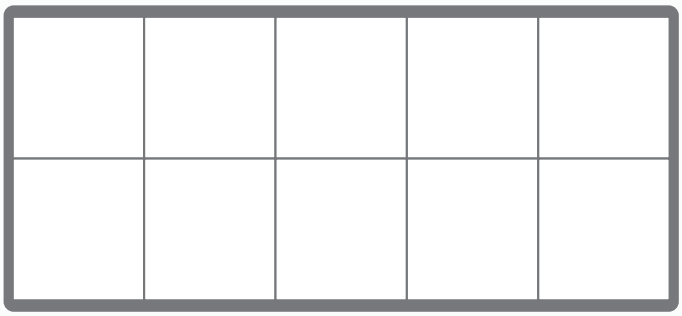


Try This

1 _____

_____

_____



2 _____

_____

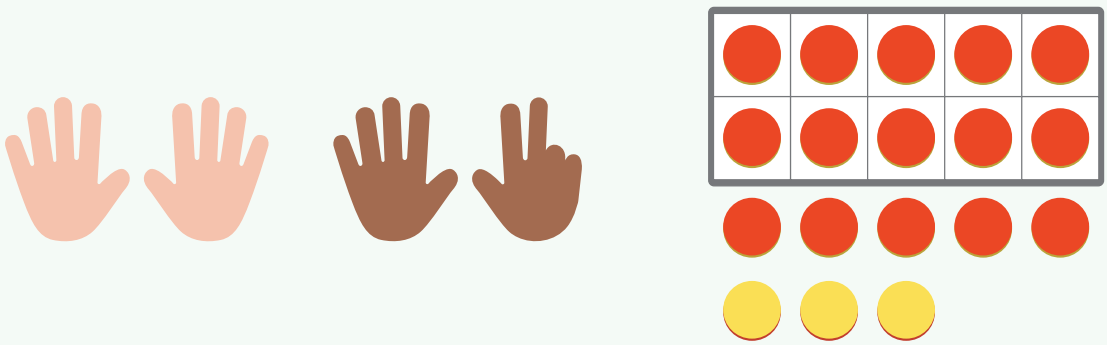
_____

Directions:

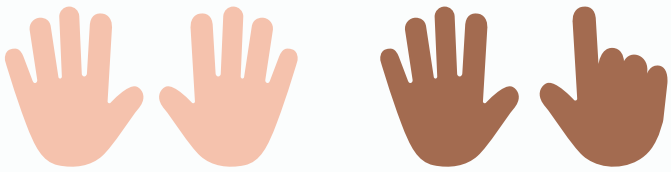
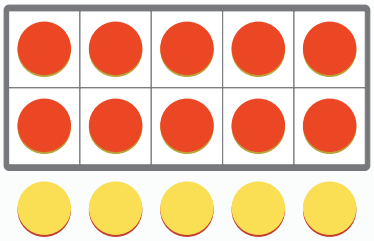
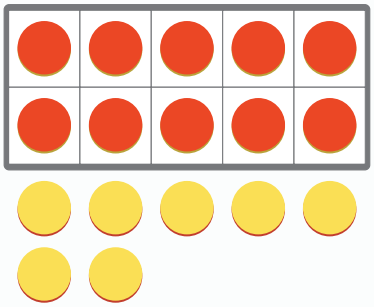
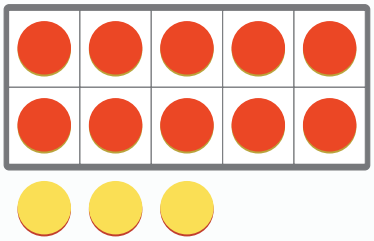
1. Gather a handful of objects. Write the number to show how many objects there are. Use the 10-frame if it is helpful.
2. Rearrange the objects from Problem 1. Write the number to show how many objects there are.

Summary | Lesson 4

You can use fingers and 10-frames to show how a teen number is the same as 10 and some more.



Try This

	Fingers	10-frames
1		
2		
3		

Directions:

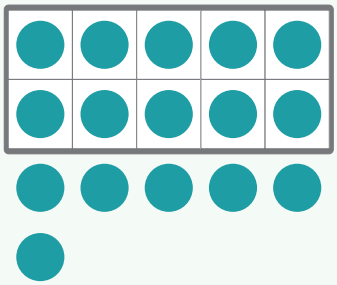
1–3. Draw lines to match each set of fingers with the 10-frame that shows how many.

Summary | Lesson 5

You can use patterns in written numbers to help you understand how many are in a group.

6

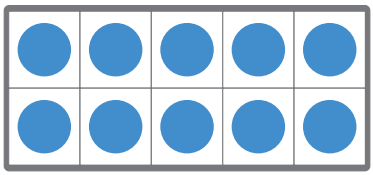
16



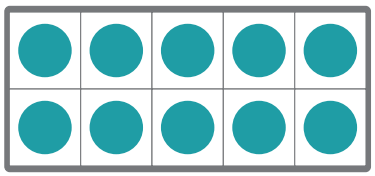
Try This

Draw

1 15



2 19

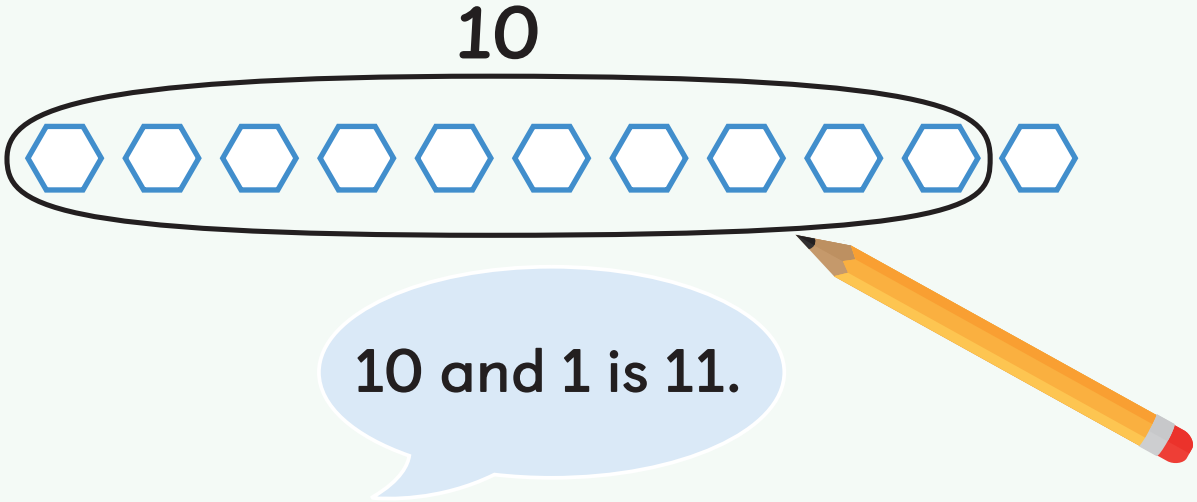


Directions:

1–2. Draw dots to create a group that shows the number.

Summary | Lesson 6

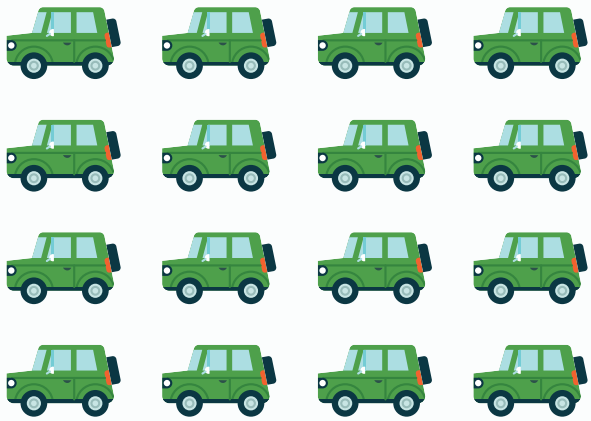
You can count a group of 11 to 20 pictures by finding 10 first and then seeing how many more there are.



Try This

1

2

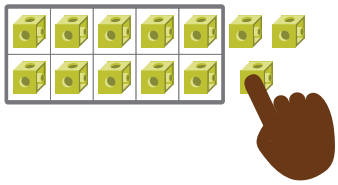


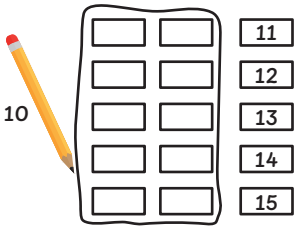
Directions:

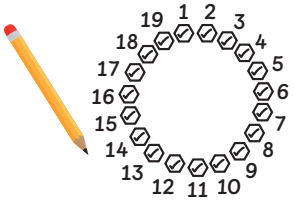
1–2. Write the number that tells how many.

In this sub-unit . . .

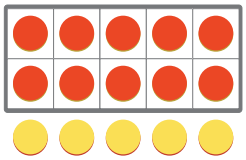
- We counted groups of objects or images shown in different arrangements.

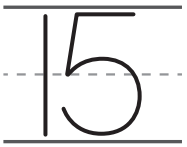






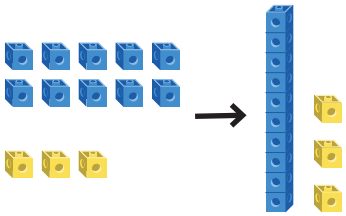
- We showed teen numbers in different ways.





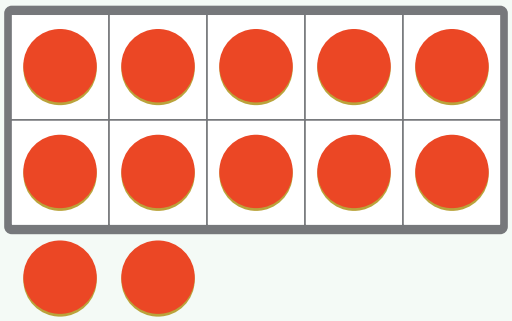
Math tip: Fingers and 10-frames help us see a teen number as 10 and some more.

- We noticed that, when objects are moved, the number of objects does not change.



Summary | Lesson 7

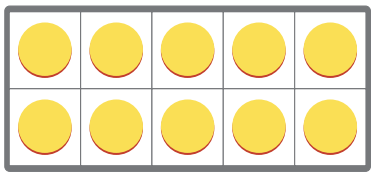
You can put together 10 and a number less than 10 to make a teen number.



12

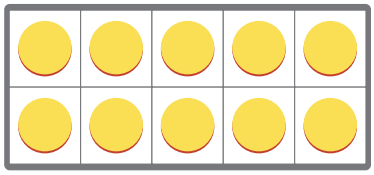
Try This

1



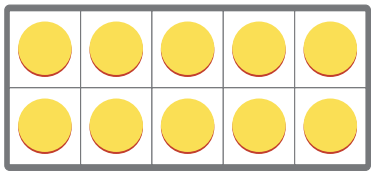
7

2



3

3



9

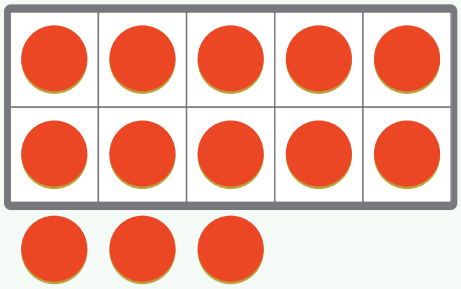
Directions:

1–3. Add the number shown on the card to the number of counters on the 10-frame. Write the number that tells how many there are altogether.

Summary | Lesson 8

All teen numbers can be broken apart into 10 and some more.

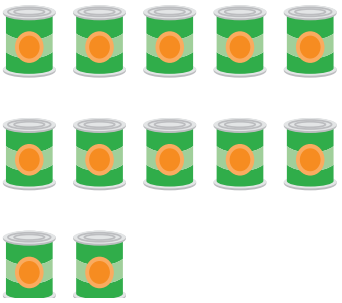
13



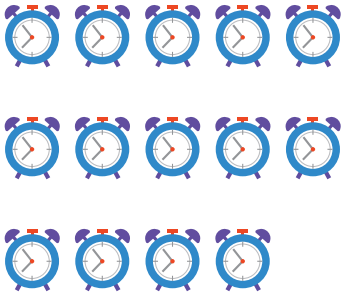
Try This

Show your thinking.

1



2

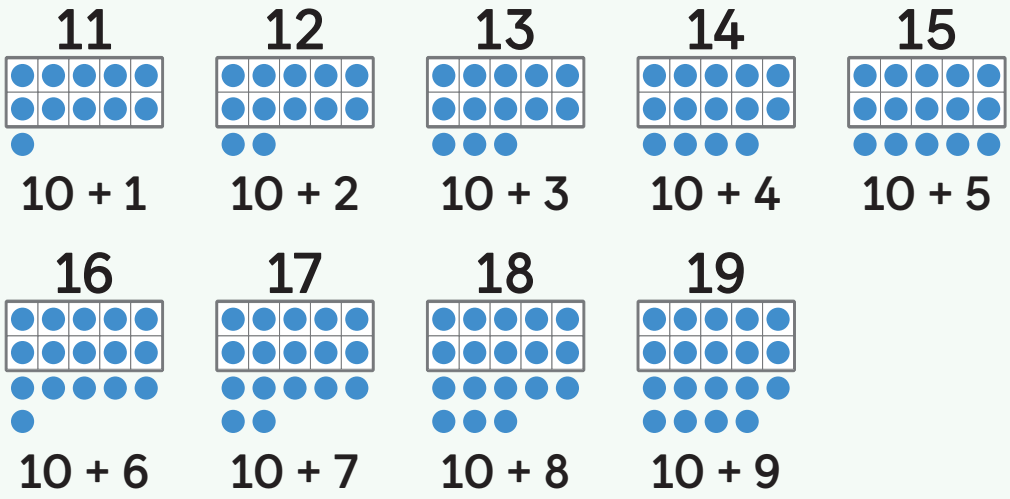


Directions:

1–2. Circle a group of 10. Write the number that tells how many.

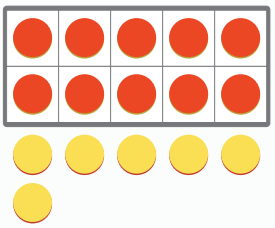
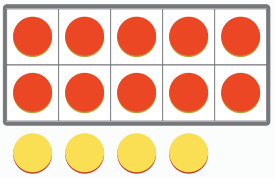
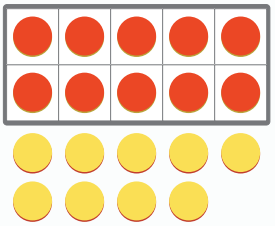
Summary | Lesson 9

You can notice and use patterns in teen numbers.



Try This

1

Equation	10-frame
10 + 6 = 16	
10 + 9 = 19	
10 + 4 = 14	

Directions:

1. Draw lines to match each equation with a group of dots on a 10-frame.

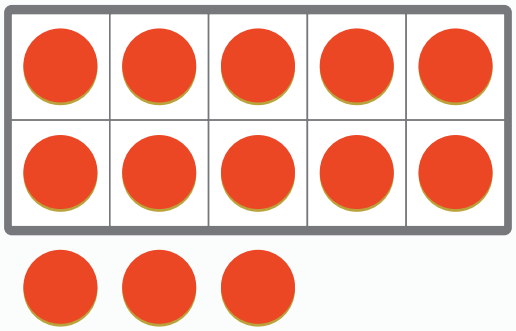
Summary | Lesson 10

An equation is true when the amounts on both sides of the equal sign are the same.

10 + 2 = 12

Try This

1



_____ + _____ = 13

2

10 + 5 = _____

Directions:

1–2. Fill in the equation to match the picture.

Summary | Lesson 11

You can write, read, count, show, and order numbers up to 20.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
12, 13, 14, 15, 16, 17, 18, 19, 20

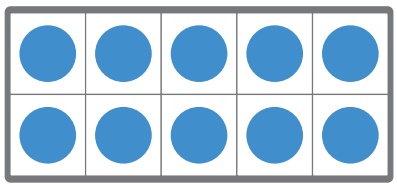
Try This

1

11		13		15
	17			20

Draw

2



___ + ___ = 16

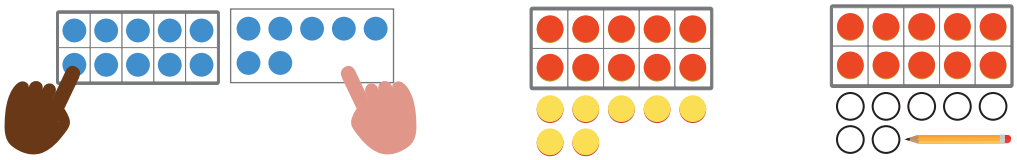
Directions:

1. Fill in the missing numbers.

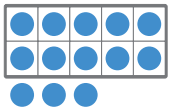
2. Draw dots and fill in the equation to show 16.

In this sub-unit . . .

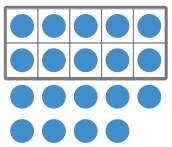
- We put parts together to make teen numbers and broke teen numbers into parts.



- We filled in the parts or total of an equation to make it true.



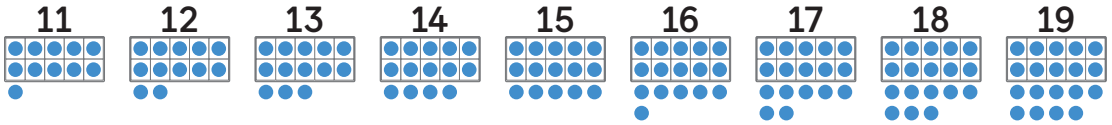
$10 + 3 = 13$



$10 + 9 = 19$

Math tip: An equation is true when the values on both sides of the equal sign are the same.

- We put teen numbers in order.



Try This | Answer Key

Lesson 2

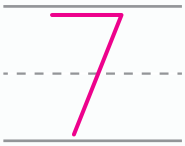
1 11

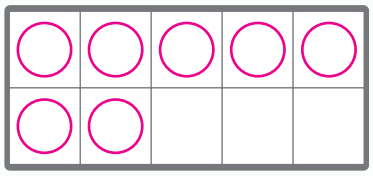
2 15

Lesson 3

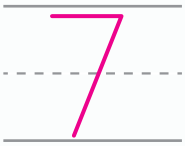
Sample responses shown.

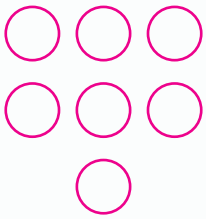
1





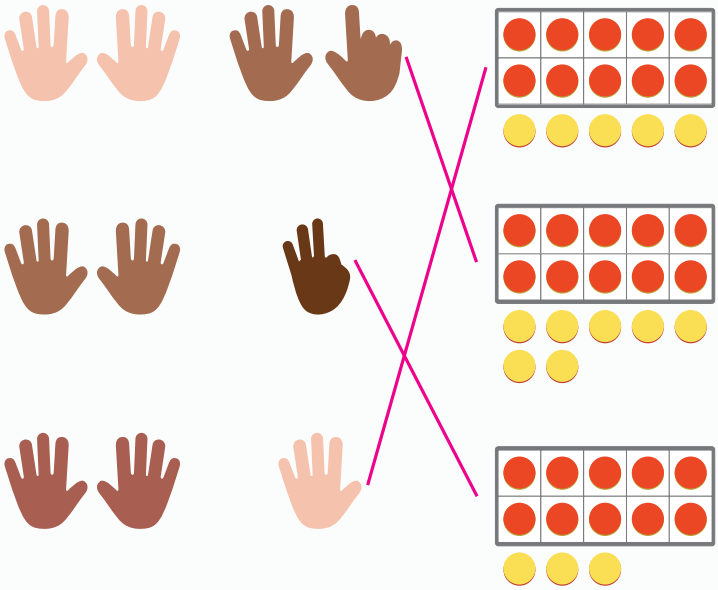
2





Lesson 4

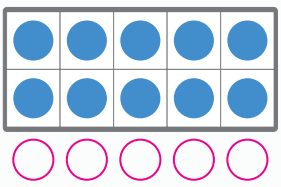
1



Lesson 5

Sample drawings shown.

1



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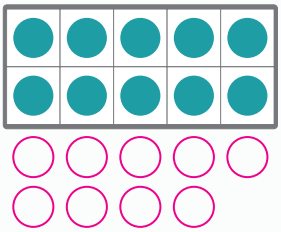


Try This | Answer Key

Lesson 6

1 13

2 16

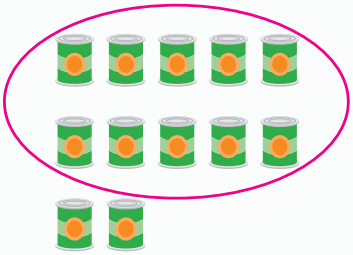
Lesson 7

1 17

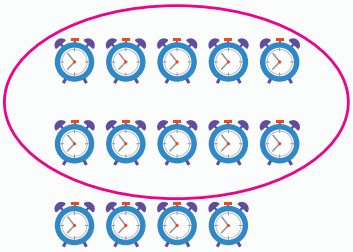
2 13

3 19

Lesson 8

1 

12

2 

14

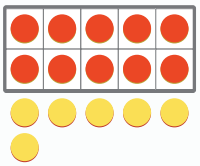
Lesson 9

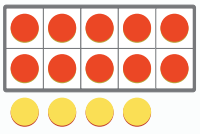
1

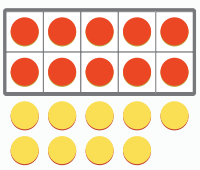
10 + 6 = 16

10 + 9 = 19

10 + 4 = 14







Lesson 10

1 Sample response shown.

3 + 10 = 13

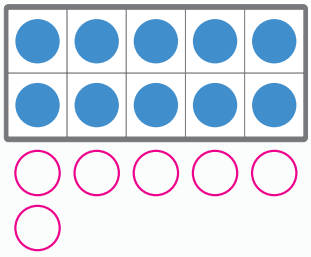
2 10 + 5 = 15

Lesson 11

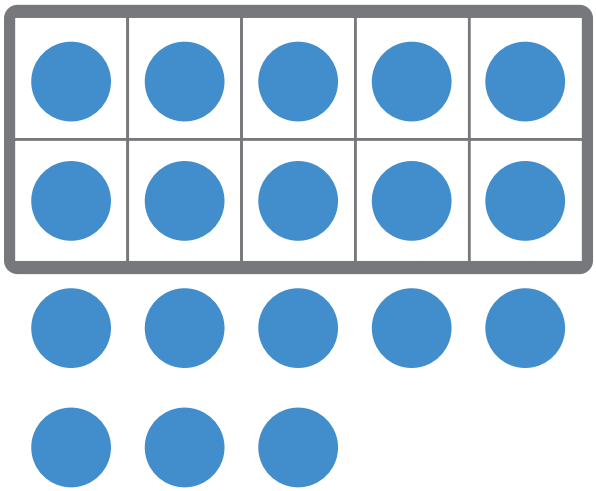
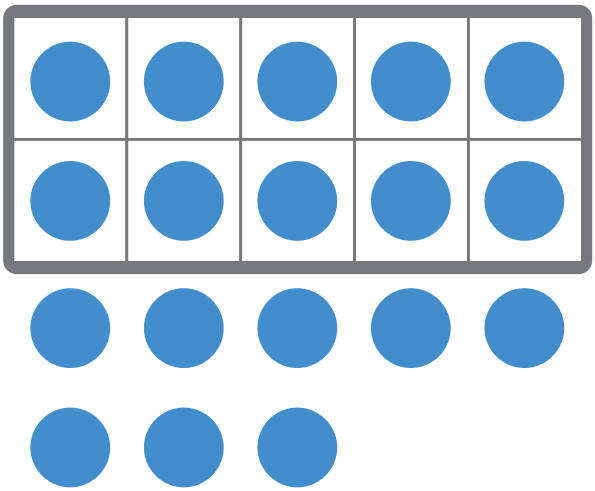
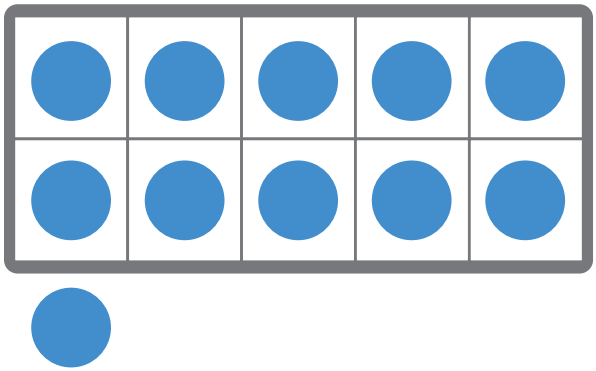
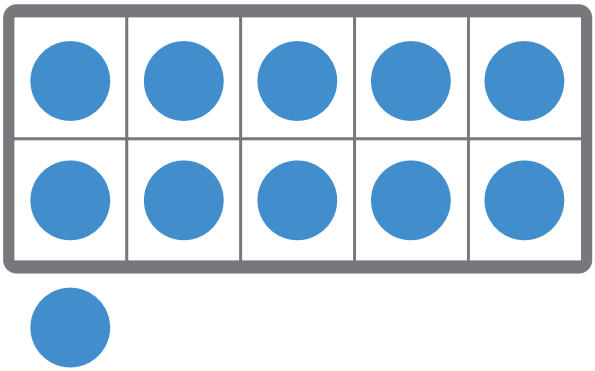
1

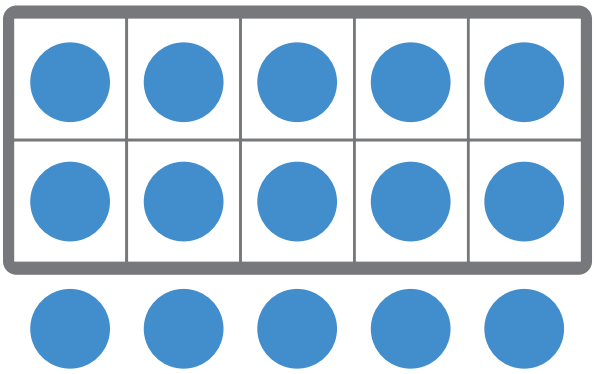
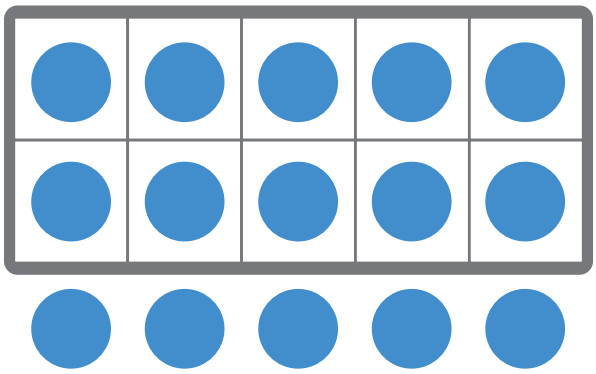
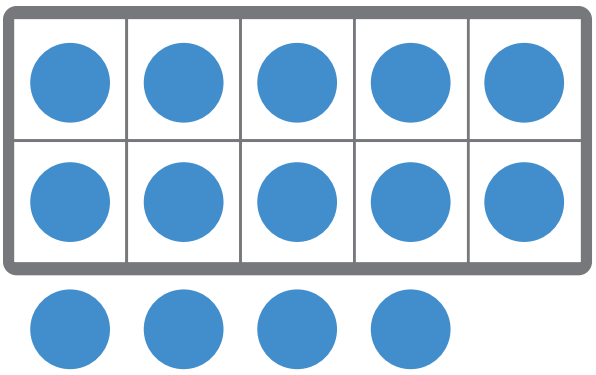
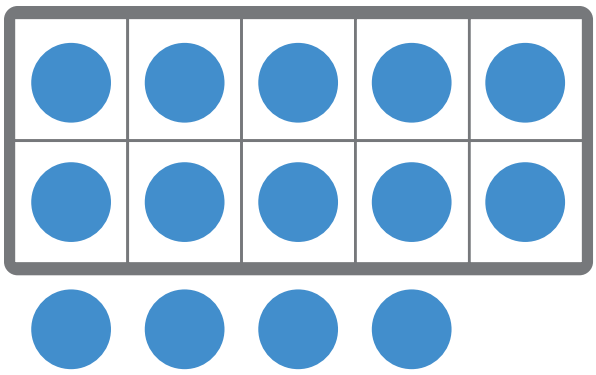
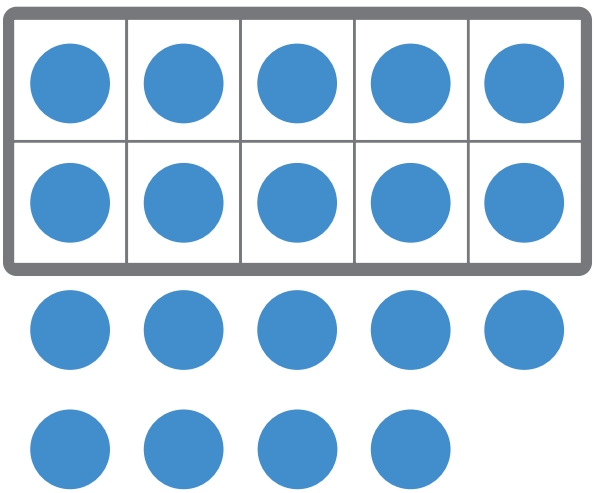
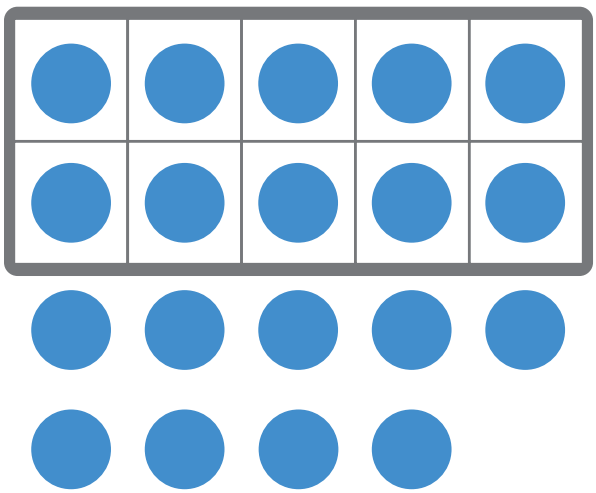
11	12	13	14	15
16	17	18	19	20

2 Sample drawing shown.



10 + 6 = 16

English	Español
E	
eighteen	**dieciocho**
	
eleven	**once**
	
equation	**ecuación**
$6 = 4 + 2$	$6 = 4 + 2$
expression	**expresión**
$6 + 4$ $3 - 3$	$6 + 4$ $3 - 3$

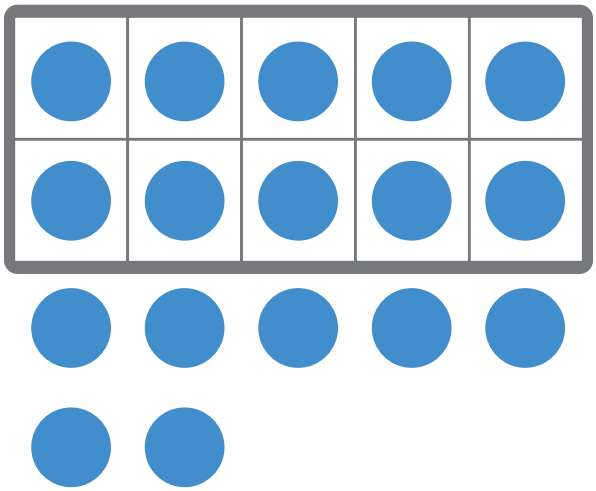
English	Español
F	
fifteen 	quince 
fourteen 	catorce 
N	
nineteen 	diecinueve 

Kindergarten Unit 6 Glossary/K Unidad 6 Glosario

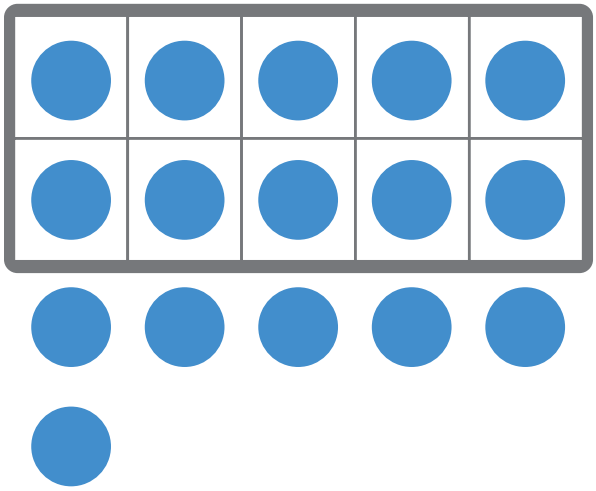
English	Español

S

seventeen — **diecisiete**



sixteen — **dieciséis**



T

teen number

11 12 13 14 15

16 17 18 19

English	Español
thirteen	trece
twelve	doce
twenty	veinte