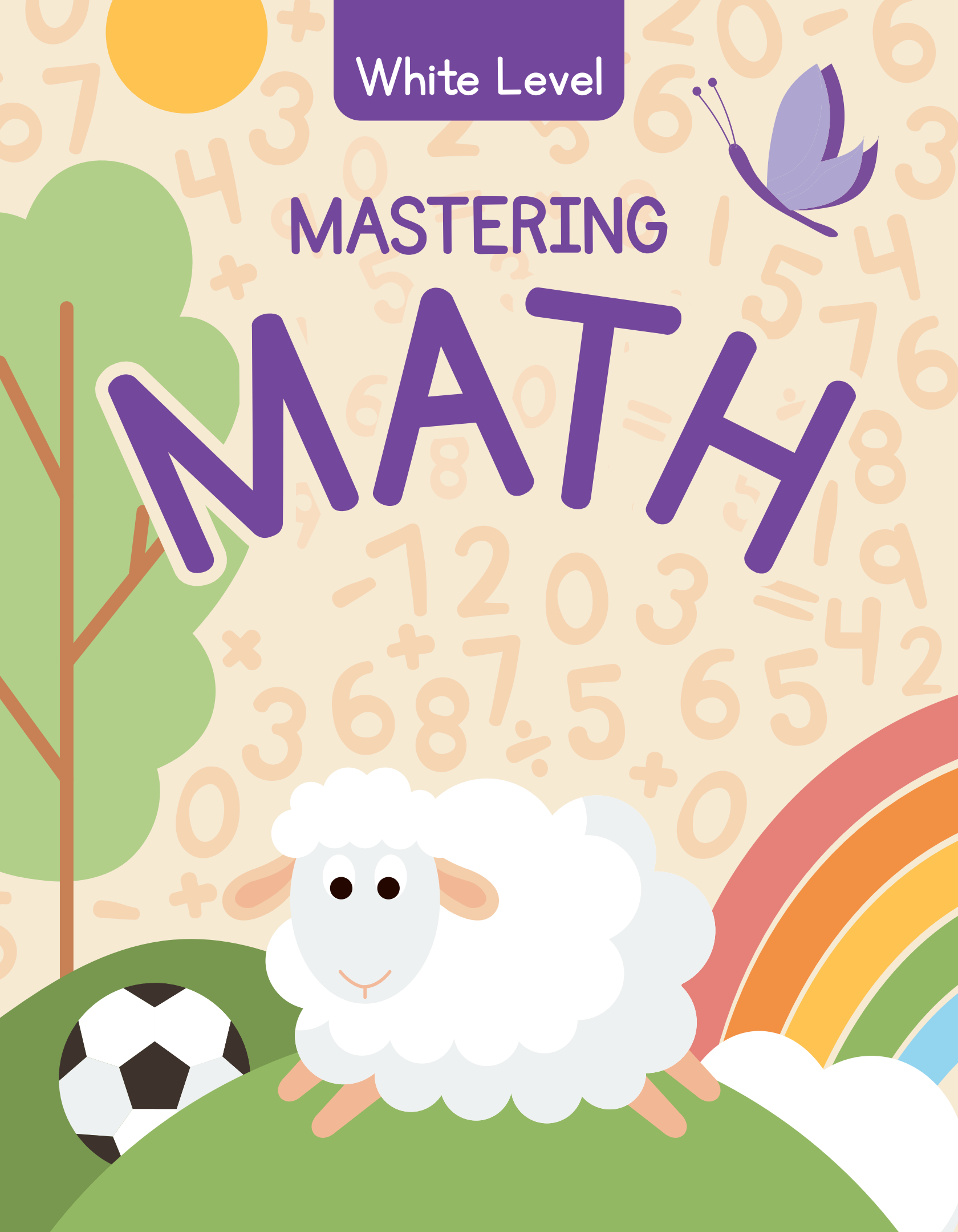


White Level

MASTERING

MATH



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UNIT 1: I KNOW MY NUMBERS 0-100

CHAPTER 1: Numbers and Counting..... 6

1. Numbers 1-10
2. Numbers 10-20
3. Patterns on the 99 Chart
4. Numbers 20-50
5. Numbers 50-100
6. Counting by 5s
7. Tally Marks
8. Counting by 10s
9. Counting Backwards

UNIT 2: ADDITION

CHAPTER 2: Addition Strategies.....

1. Addition: Combine and Change Problems
2. Modeling Addition Problems
3. Addition on a Number Line
4. Addition Using Tally Marks
5. Creating Equivalent Sums
6. Number Pairs to Ten
7. Making Tens
8. Adding Doubles
9. Doubles Plus and Minus 1
10. Adding in Any Order

CHAPTER 3: Addition Within 20.....

1. Identity Property
2. Fluency Within Ten
3. Word Problems
4. Checking Sums

UNIT 3: SUBTRACTION

CHAPTER 4: Subtraction Strategies.....

1. Subtraction: Take Apart and Take Away
2. Modeling Subtraction Problems
3. Subtraction on a Number Line
4. Adding to Subtract
5. Creating Equivalent Sums
6. Making Ten

CHAPTER 5: Subtraction Within 20.....

1. Identity Property of Subtraction
2. Fluency Within Ten
3. Word Problems
4. Checking Sums

UNIT 4: ADDITION AND SUBTRACTION

CHAPTER 6: Add and Subtract.....

1. Related Addition and Subtraction Facts
2. More Related Addition and Subtraction Facts
3. Word Problems

CHAPTER 7: Missing Addends.....

1. Modeling
2. Finding Related Facts
3. Counting On
4. Using a Number Line
5. Word Problems

CHAPTER 8: Missing Parts Subtraction.....

1. Modeling
2. Finding Related Facts
3. Counting On
4. Using a Number Line
5. Word Problems

CHAPTER 9: Adding and Subtracting with Three Numbers.....

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2. Solving in Two Steps
3. Starting with Easier Sums
4. Creating Equivalent Sums
5. Modeling
6. Counting on and Using a Number Line
7. Word Problems

UNIT 5: MEASUREMENT AND DATA

CHAPTER 10: Measurement.....

1. Standard vs. Nonstandard
2. Measuring Inches
3. Comparing by Length

CHAPTER 11: Time

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2. Digital Clocks: Hours and Minutes
3. Digital Clocks: Half Hours
4. Writing the Time: Digital Clocks
5. Analog Clocks: Hour Hand
6. Analog Clocks: Minute Hand
7. Analog Clocks: Hours and Half Hours
8. Writing the Time: Analog Clocks

CHAPTER 12: Graphing

1. Comparing Data on a Pictograph
2. Making a Pictograph
3. Comparing Data on a Bar Graph
4. Making a Bar Graph
5. Reading a Tally Chart
6. Making a Tally Chart

UNIT 6: PLACE VALUE

CHAPTER 13: Ones and Tens

1. What is Place Value?
2. Teen Numbers and Place Value
3. Place Value on a Hundred Chart
4. How Many Ones? How Many Tens?
5. Different Ways to Write Numbers

CHAPTER 14: Adding with Place Value

1. Adding and Subtracting Ten on a Hundred Chart
2. Adding and Subtracting Ten Using Place Value
3. Modeling Two-Digit Plus One-Digit Problems
4. Two-Digit Addition With a Place Value Model
5. Two-Digit Addition on a Hundred Chart

CHAPTER 15: Numbers to 120.....

1. Numbers 100-120
2. Writing Numbers to 120
3. Counting by 1, 5, and 10 to 120
4. Comparing Numbers to 120
5. Comparing Numbers with Place Value
6. Counting Objects to 120
7. Word Problems

UNIT 7: SHAPES AND FRACTIONS

CHAPTER 16: Shapes

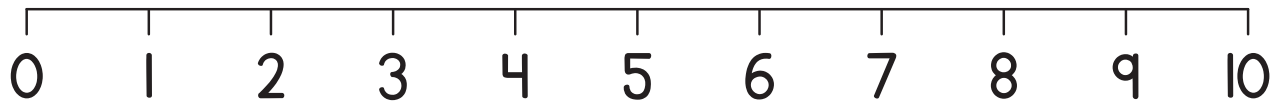
1. Squares and Rectangles
2. Building Squares and Rectangles
3. Triangles
4. Building Triangles
5. Circles
6. Pentagon, Hexagons, and Octagons
7. Building Pentagons, Hexagons, and Octagons
8. 2D Shapes vs. 3D Shapes
9. Combining Shapes

CHAPTER 17: Fractions

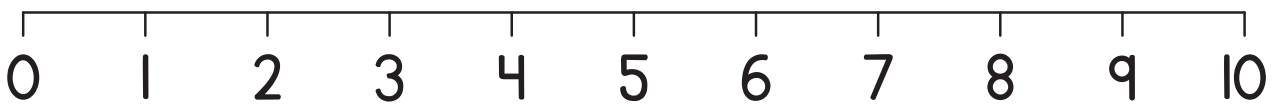
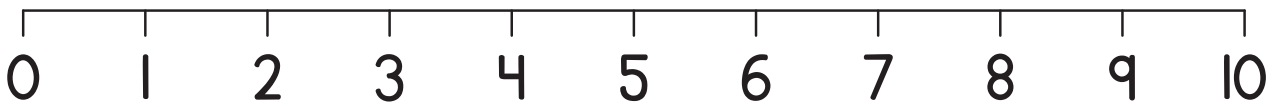
1. Equal and Unequal Parts
2. Half Circles
3. Quarter Circles
4. Half Squares
5. Quarter Squares

? Remember what we learned?

← Less More →



Count the pictures and circle the matching number on the number line.



Draw a line to match the objects to the number that shows how many.



5



9



8



3

Color in the matching number of objects.

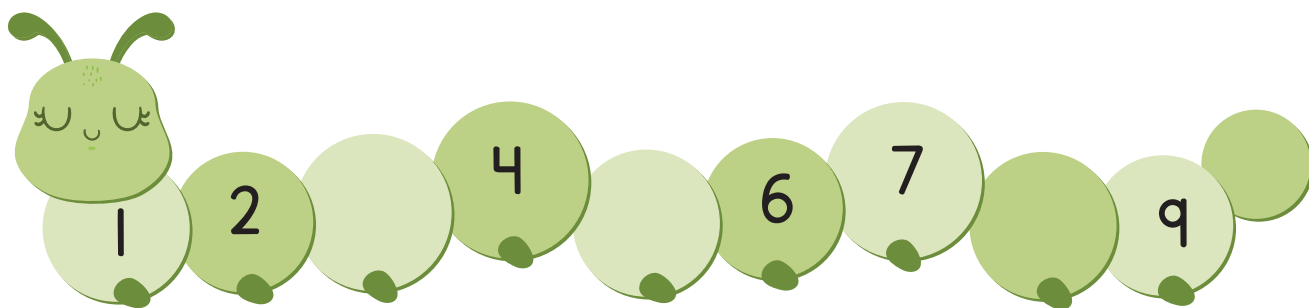
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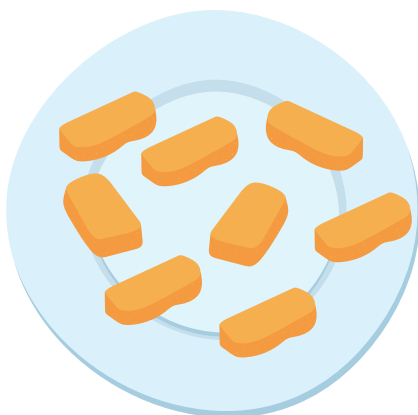
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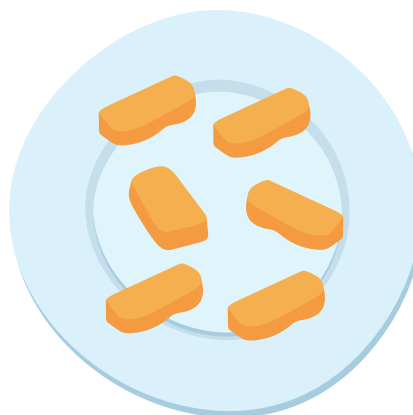
Fill in the missing numbers.



Chana and her sister Rachel are eating dinner. They are both eating fish sticks for dinner. Look at the picture of Chana's and Rachel's plates. How many fish sticks does Chana have? How many does Rachel have? Who has more? Who has less?



Chana _____



Rachel _____

Who has more fish sticks? _____

Who has less fish sticks? _____

Reuven put his books into his backpack on the first day of school.
He put six books in his backpack. Draw Reuven's books.

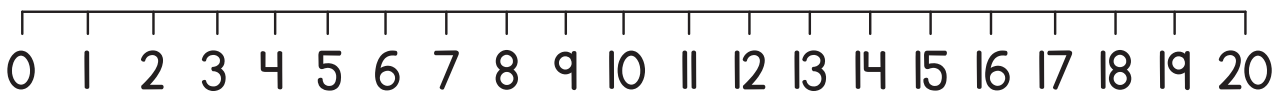
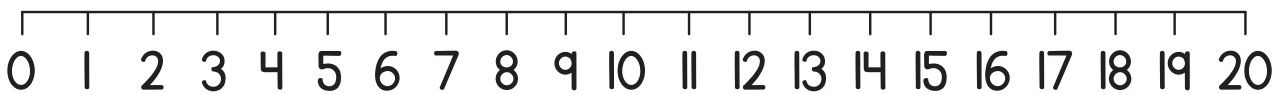


? Remember what we learned?

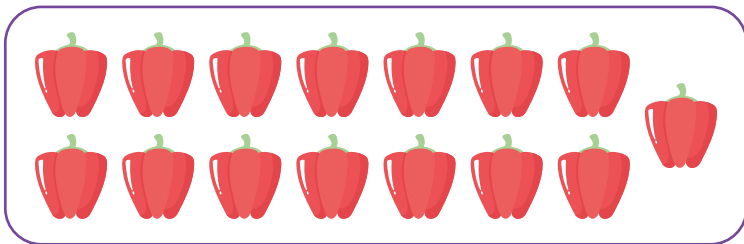
← Less More →



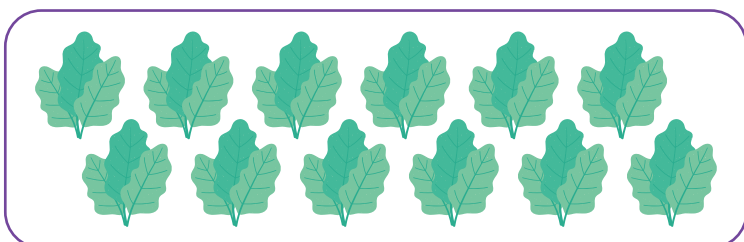
Count the pictures and circle the matching number on the number line.



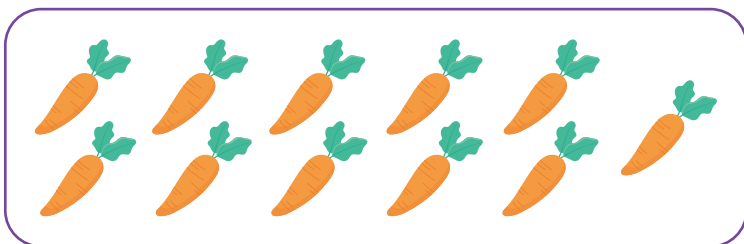
Draw a line to match the objects to the numbers.



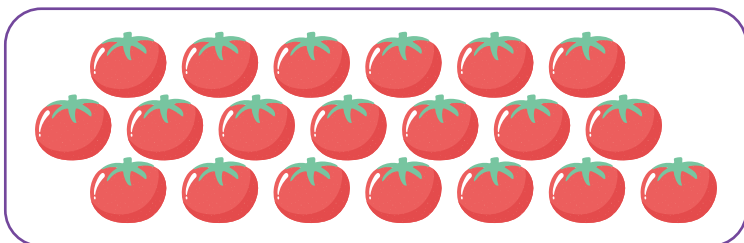
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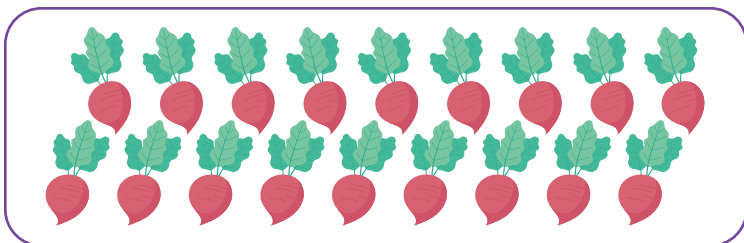
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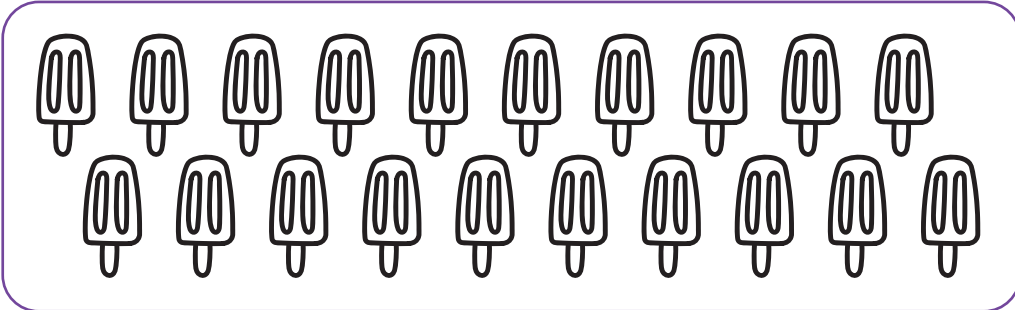


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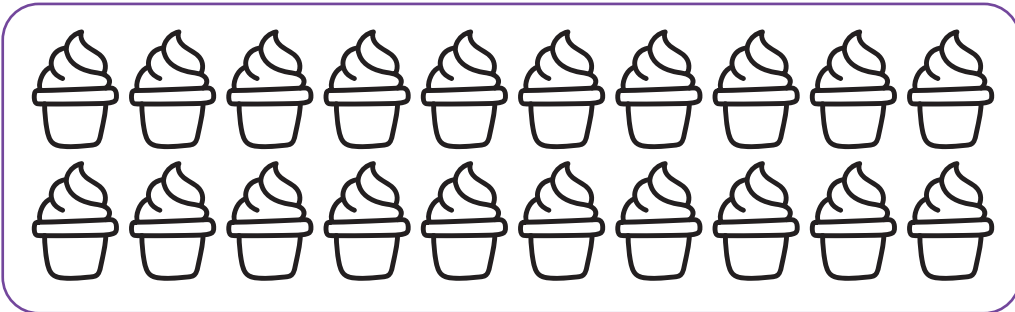


12

Color in the matching number of objects.

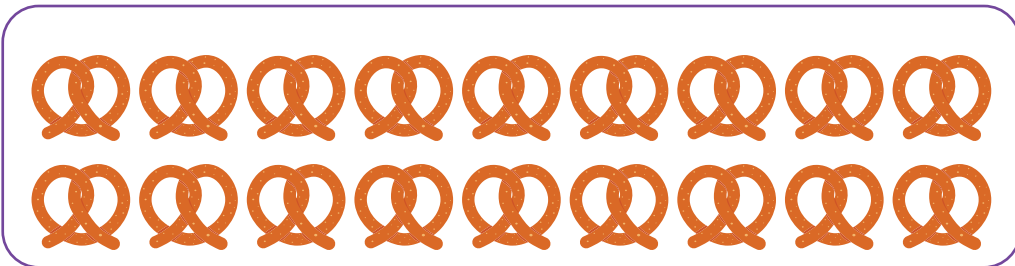


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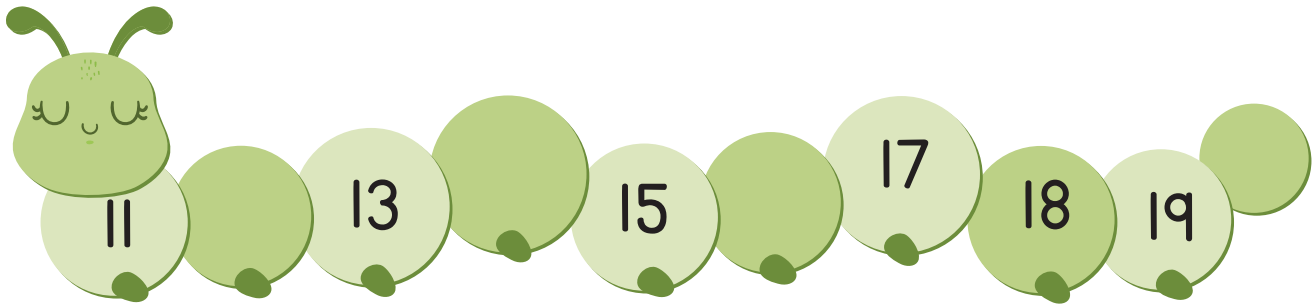


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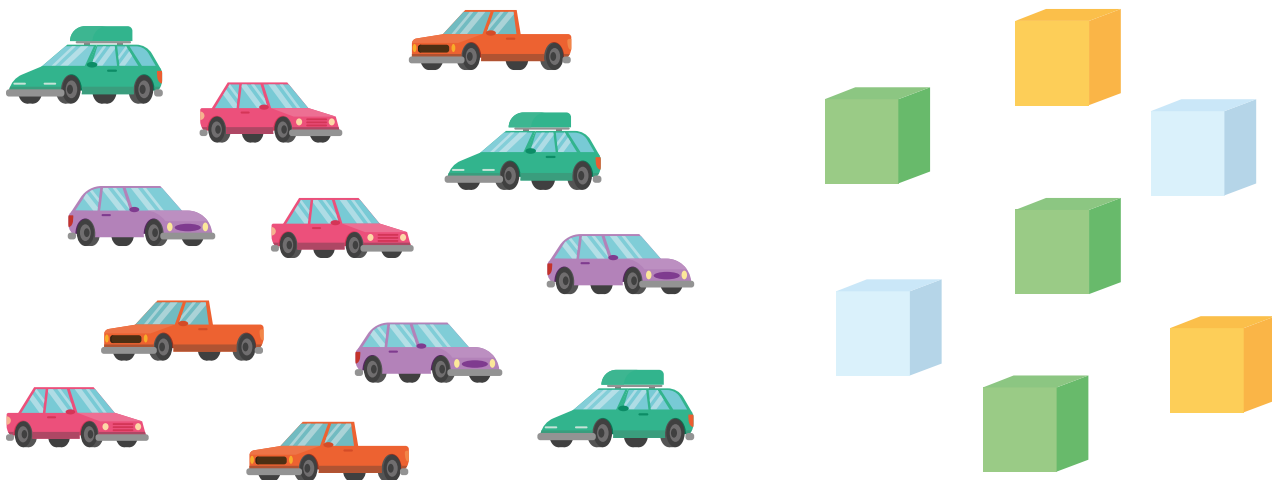
Count how many and write the answer in the box.



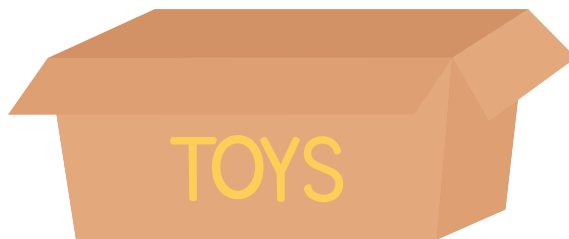
Fill in the missing numbers.



Moshe takes his toys out the toybox. Look at all his toys.
How many cars does Moshe have? How many blocks does he have?



Cars _____

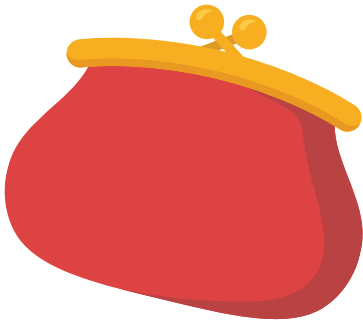


Blocks _____

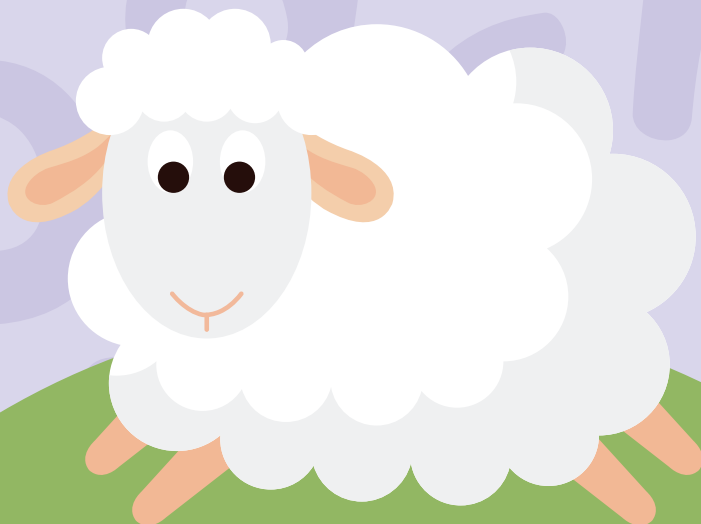
BONUS:

How many toys are there in all? _____

Rina has 15 coins in her purse. Penina has more coins in her purse than Rina does. How many coins might Penina have?
Draw her coins and write how many below.



Coins _____



? Remember what we learned?

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

- 1 Draw a star on all the numbers starting with a 9.
- 2 Color all the numbers that end with a 7 **green**.
- 3 Draw a heart on all the numbers starting with a 5.
- 4 Color all the numbers ending with a 1 **yellow**.
- 5 Color all the numbers ending with a 4 **pink**.

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99