

KINDERGARTEN

at home



Math Packet

How to Use this Packet

My goal is to make learning at home as EASY as possible. Homeschooling doesn't have to be a big complex thing. During this time of no school, I urge you not to stress about your child falling behind academically. We are all in this together right now. The most important thing you can do with your child is to spend time with them making memories. Read books, play games, do simple science experiments, or find art projects to do together.

The Activities

Spring Numbers Book

This is a printable booklet that you can put together to help kids work on writing numbers 0-20, identifying the numbers, and counting. To put together the booklet, print pages 4-14, cut on the dotted lines, place the pages in order, and staple on the side. You will need a pencil and crayons for this booklet.

Ten Frame Cards

Print pages 15-17. Cut the numbers apart from the ten frames. Mix up the pieces and have your child match the number to the correct ten frame.

Ten Frame Game

See page 18 for the directions.

Ten Frame Match

Print page 21 and cut the numbers at the bottom of the page. Glue the numbers to the correct ten frame.

Ten Frames with Teen Numbers

Count the pictures and write the teen number on the line.

The Activities

Ten Frame Addition

Count the suns in each ten frame. Find out how many more you need to make 10. Write the addition sentence.

Highest Numbers

Color the cloud with the higher number

Addition and Subtraction Practice

Solve the equations by counting or using the number line.

Skip Counting

There are three skills for this: counting by 2, 5 and 10. Each page has a number line to help your child. The first page has numbers at the bottom of the page. Cut and paste the numbers to the correct box. For example, the ladybugs are in pairs of two, so the first number would be 2, the second set is 4, and so on. The second page has the child fill in the missing numbers.

Missing Numbers

Pages 40-41 has a set of numbers 1-100. Some of the numbers are missing, so the child will figure out what number it is and write it in the blank spots.

Comparing Numbers

Pages 42-43 has practice with comparing two numbers using the greater than and less than sign.

Missing Parts

Pages 44-46 practice decomposing numbers, or breaking numbers apart to show the whole and two parts. They will figure out the missing number and write it in the empty spots. You may need to use math manipulatives to help with this.

Follow the Rule

Read the rule at the top of each table. Fill in the missing numbers.

The Activities

Patterns

Look at the patterns and decide what pictures comes next in the pattern. Cut out the pictures at the bottom of the page and paste them in the correct row.

Label the Shapes

Cut out the words at the bottom of the page and paste them to the correct shapes.

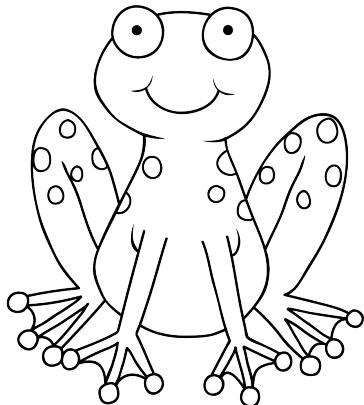
I Spy Shapes and Graphing

Look at the shapes on page 54 & 56. Count the shapes and graph them on page 55 & 57.

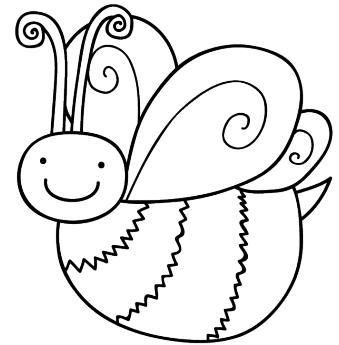
Measurement

Follow the directions on pages 58-62 to practice measurement.

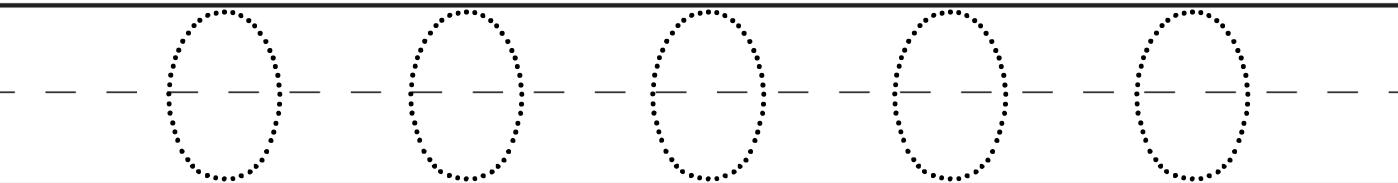
My Spring Numbers Book



© teachingmama.org



Name: _____



Circle the number 0.

0	0	2	0	2	3	0	7	0
1	3	1	2	0	4	0	1	2

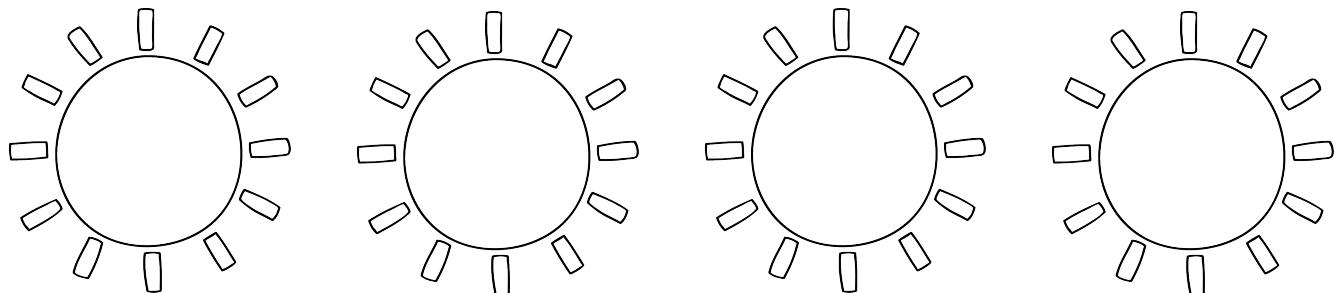
Color the dirt with zero plants.



Circle the number 1.

1	0	4	7	2	3	1	7	1
2	3	1	4	1	4	0	1	2

Color 1 sun yellow.

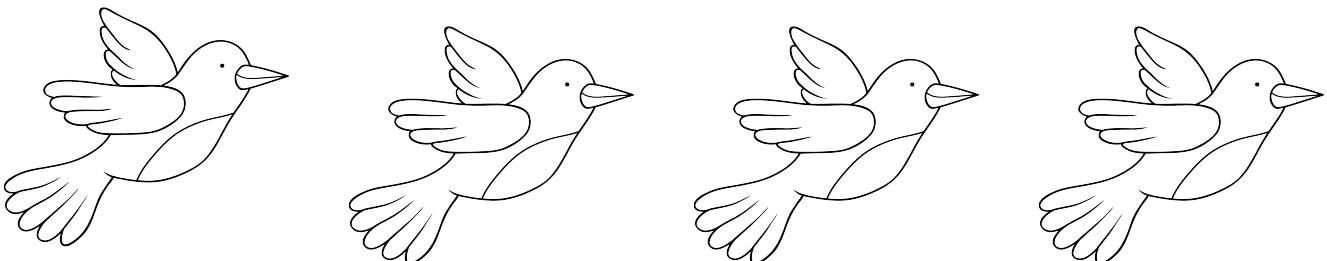


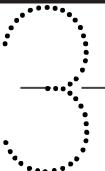
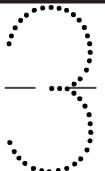
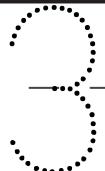
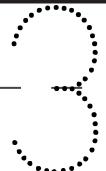
2 2 2 2 2

Circle the number 2.

2	0	2	0	1	3	2	1	2
1	3	1	2	2	1	3	3	2

Color 2 birds blue.

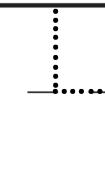
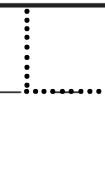
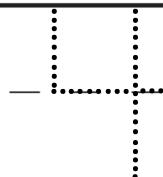
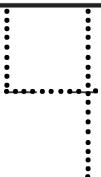
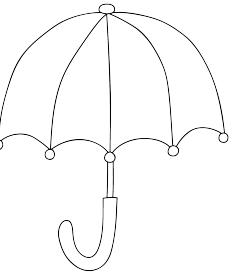
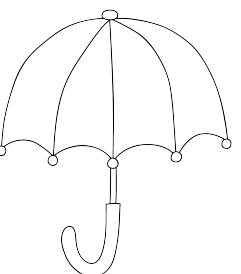
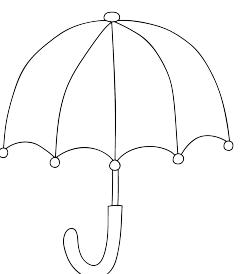
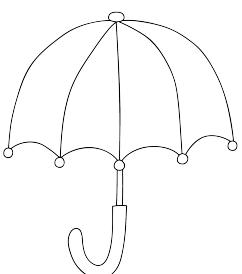
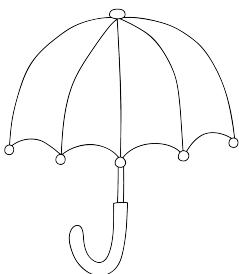




Circle the number 3.

3	5	4	0	6	3	5	2	3
2	3	3	1	3	4	2	3	1

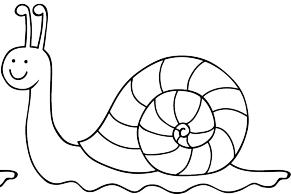
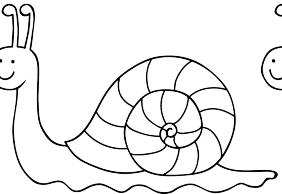
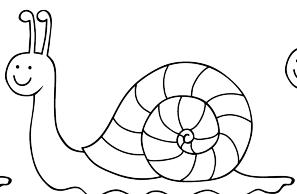
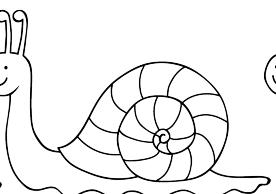
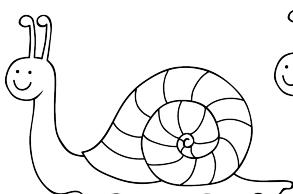
Color 3 umbrellas purple.

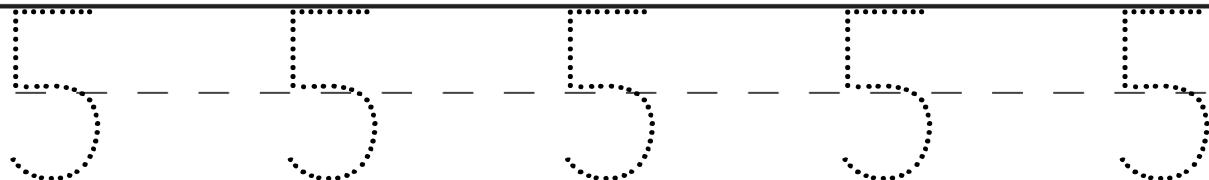


Circle the number 4.

4	8	2	4	6	5	4	9	4
0	4	9	3	4	3	0	4	1

Color 4 snails yellow.

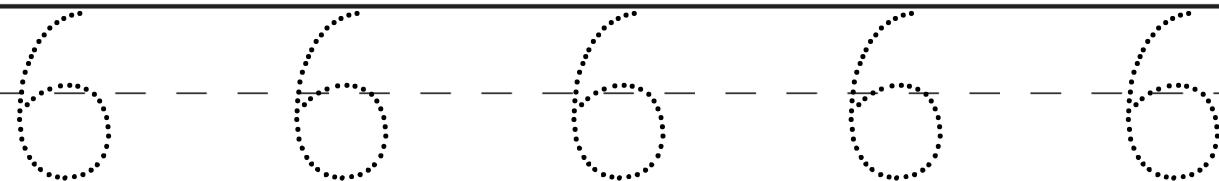
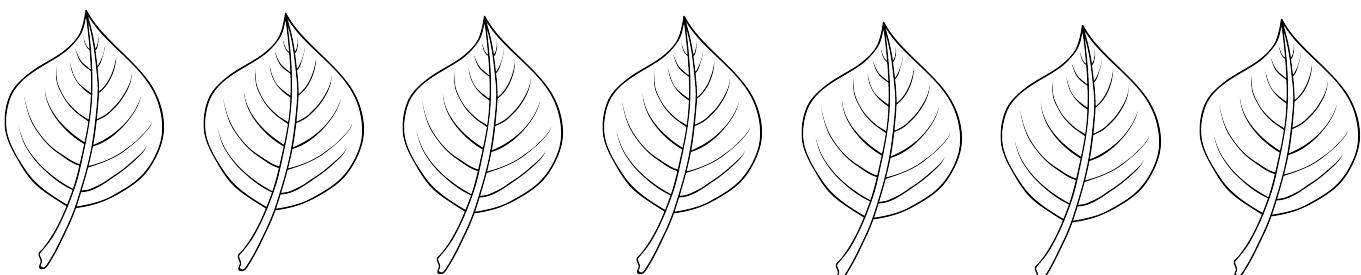




Circle the number 5.

5	9	5	3	0	5	2	6	5
2	5	8	7	6	5	5	8	0

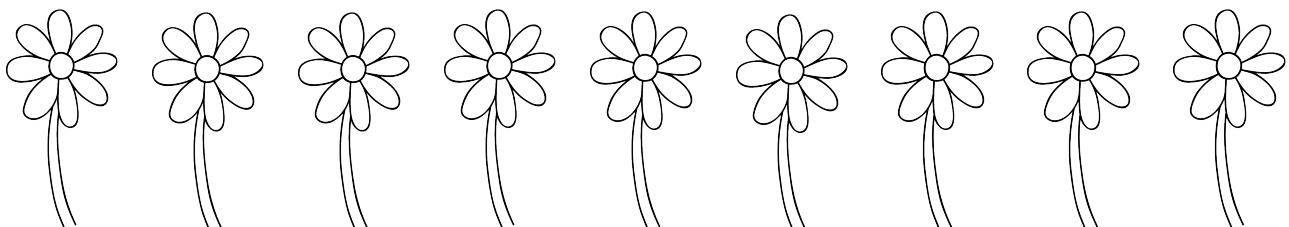
Color 5 leaves green.



Circle the number 6.

4	10	6	6	4	7	12	6	4
6	7	9	11	3	6	0	2	6

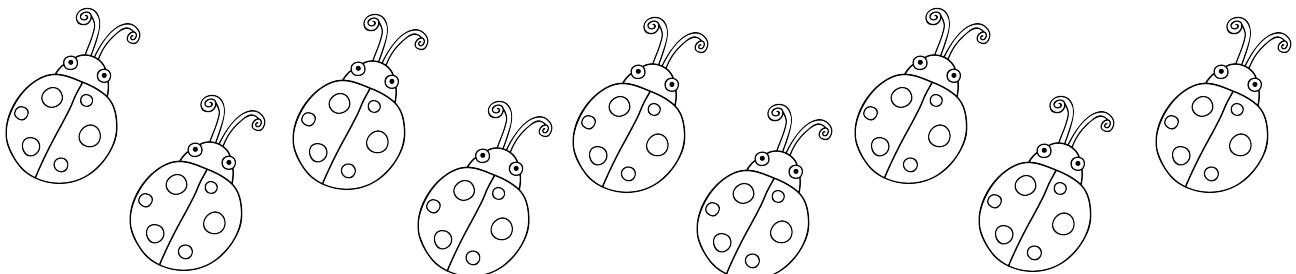
Color 6 flowers yellow.



Circle the number 7.

7 4 7 8 17 9 7 16 8
6 8 16 7 7 6 0 4 2

Color 7 ladybugs red.

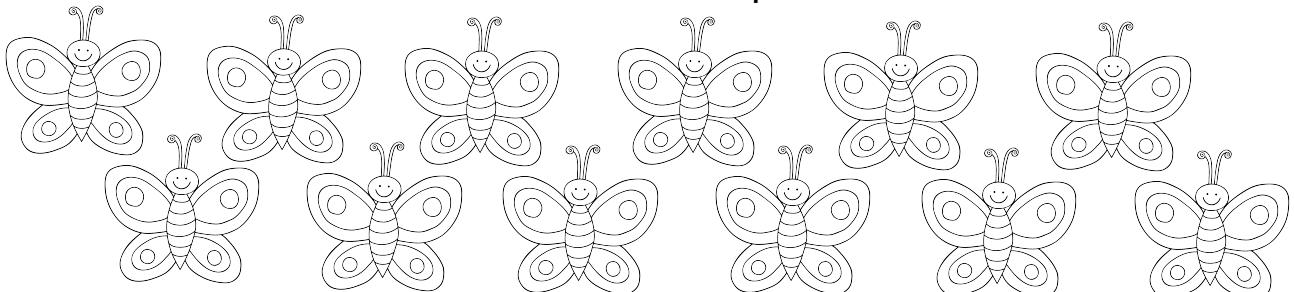


8 8 8 8 8

Circle the number 8.

7 4 7 8 17 9 7 16 8
6 8 16 7 7 6 0 4 2

Color 8 butterflies pink.



9

9

9

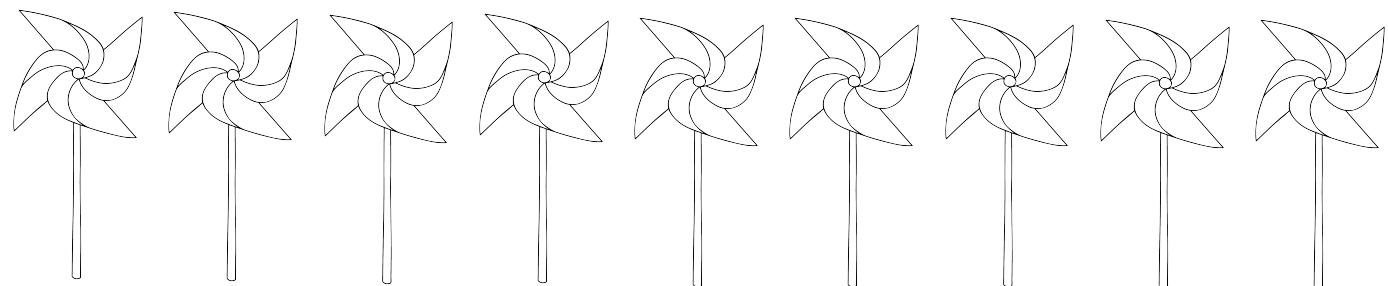
9

9

Circle the number 9.

q 4 1q q 2 q 11 q 0
5 q 4 7 6 3 4 3 q

Color 9 pinwheels orange.



10

10

10

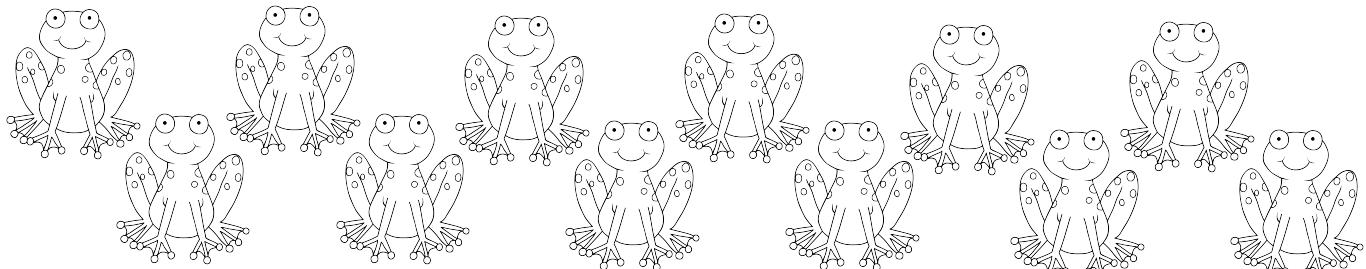
10

10

Circle the number 10.

10 q 10 13 11 10 14 10 11
15 10 11 10 6 4 10 6 q

Color 10 frogs green.



Circle the number 11.

11 12 10 14 11 10 12 11 13
13 11 11 17 16 11 10 15 11

Color 11 mushrooms tan.

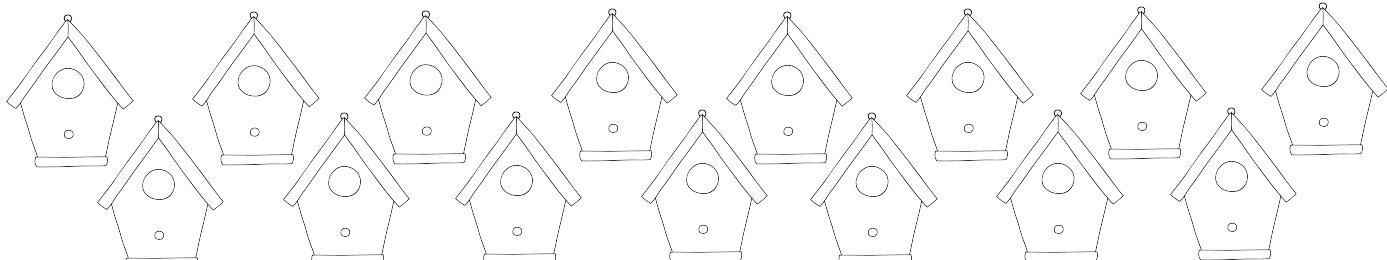


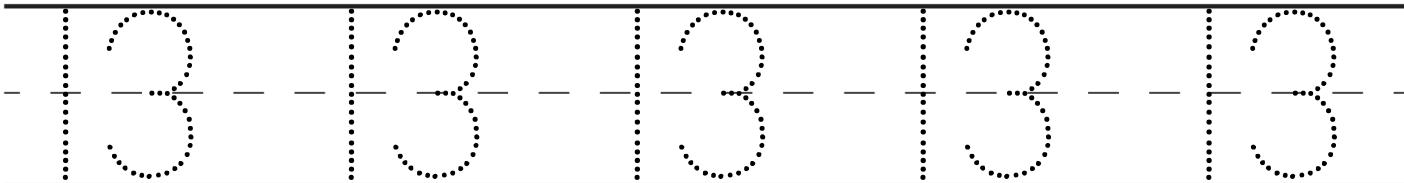
12 12 12 12 12 12

Circle the number 12.

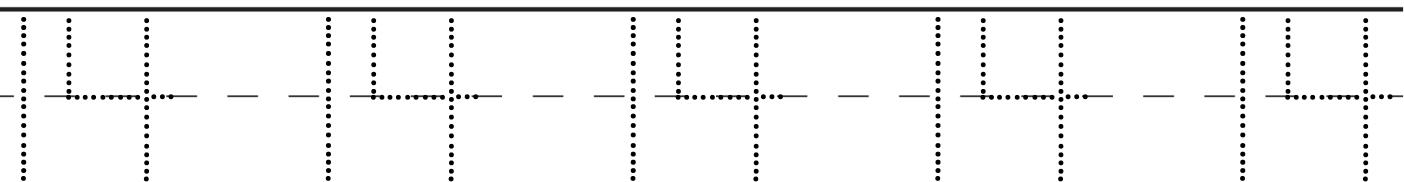
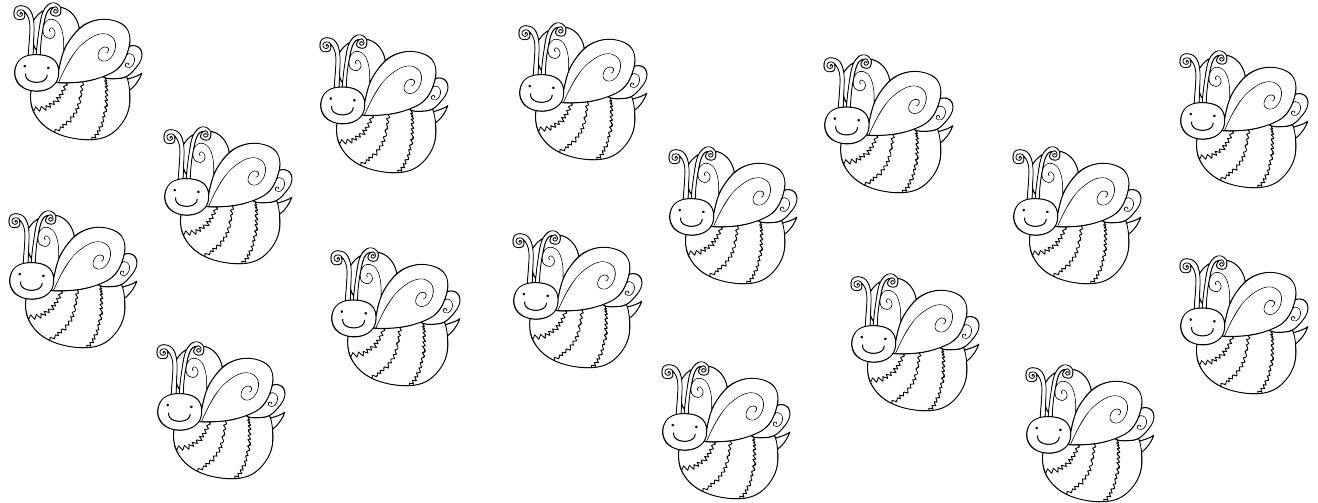
12 10 14 11 16 12 18 9 12
15 12 12 15 12 10 12 13 8

Color 12 birdhouses brown.

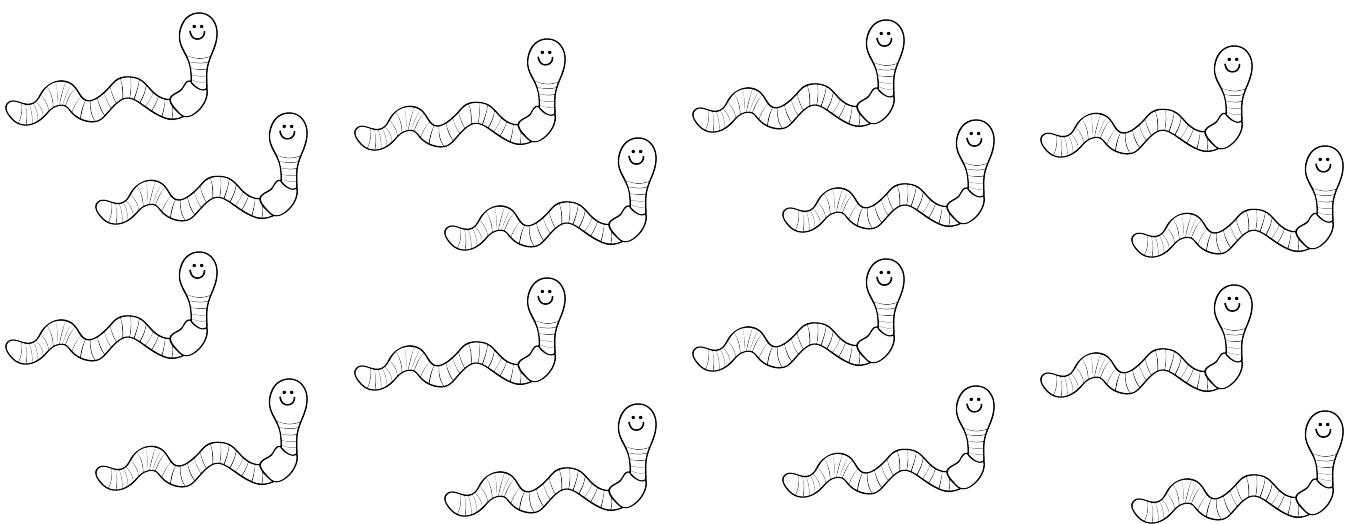


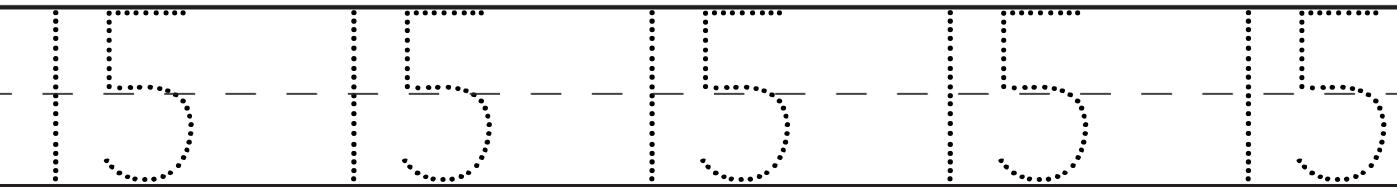


Count 13 bees and color them yellow.

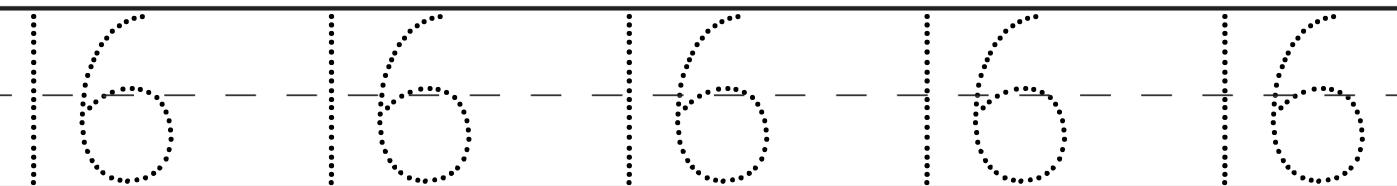
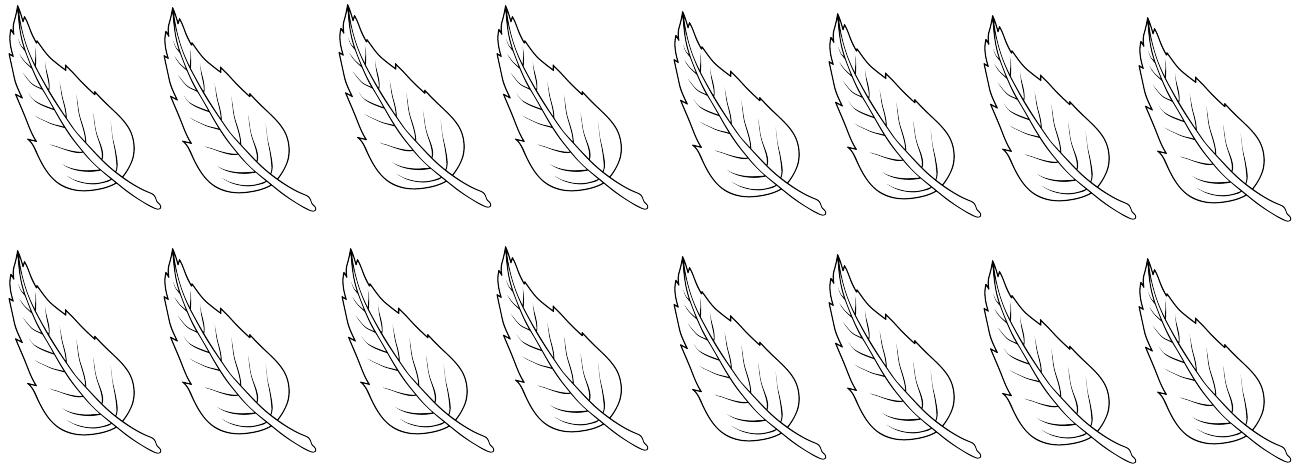


Count 14 worms and color them pink.

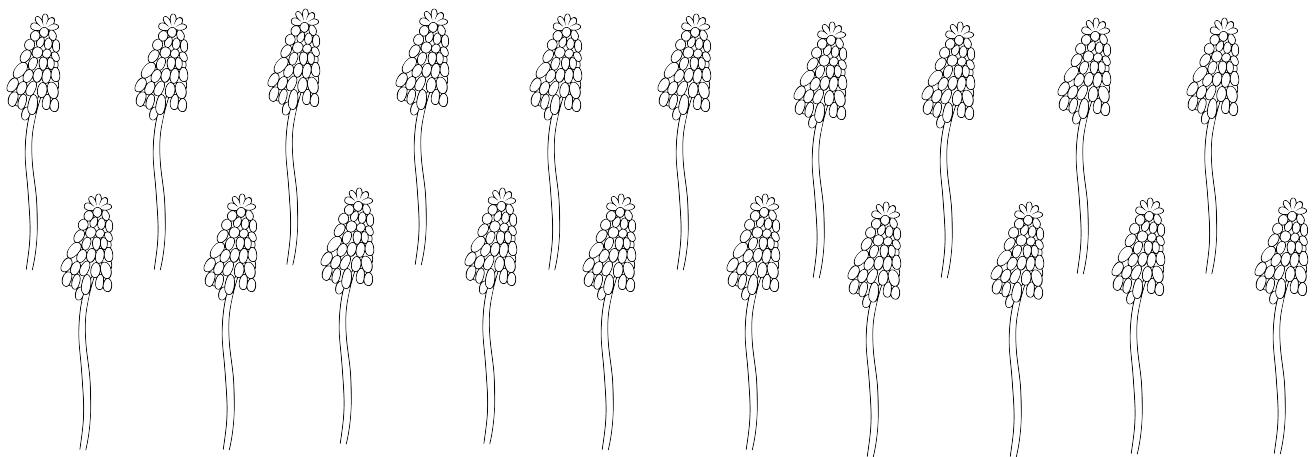


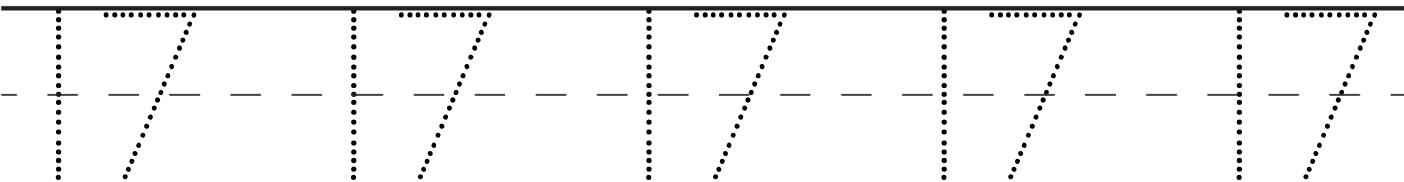


Count 15 leaves and color them green.

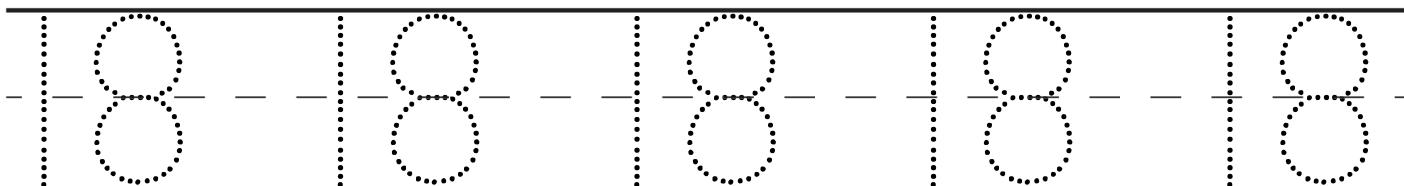
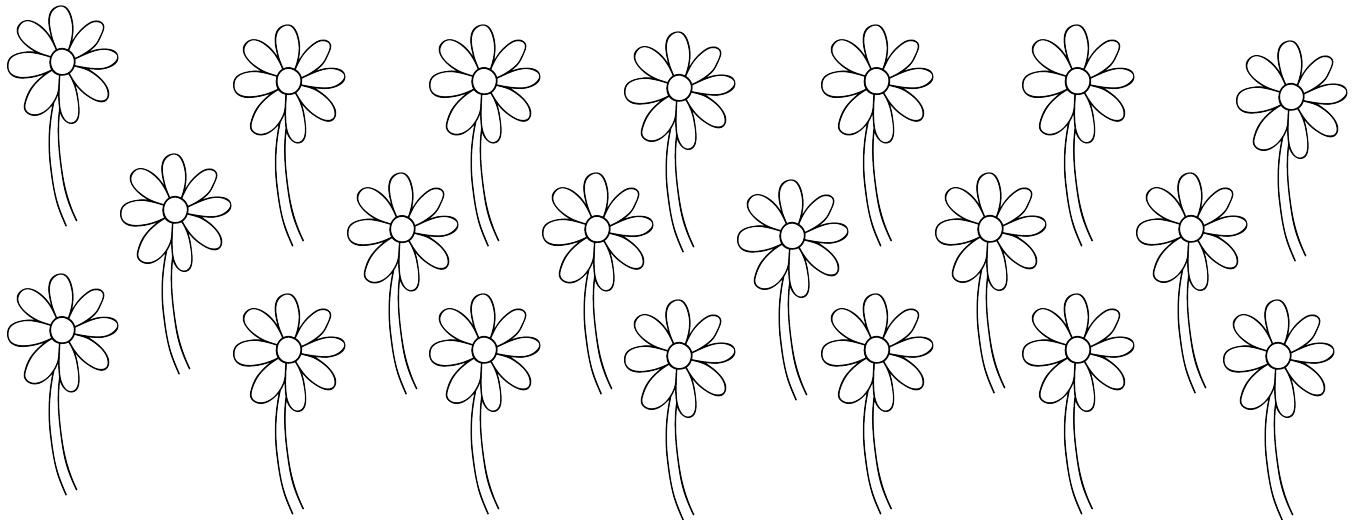


Count 16 flowers and color them purple.

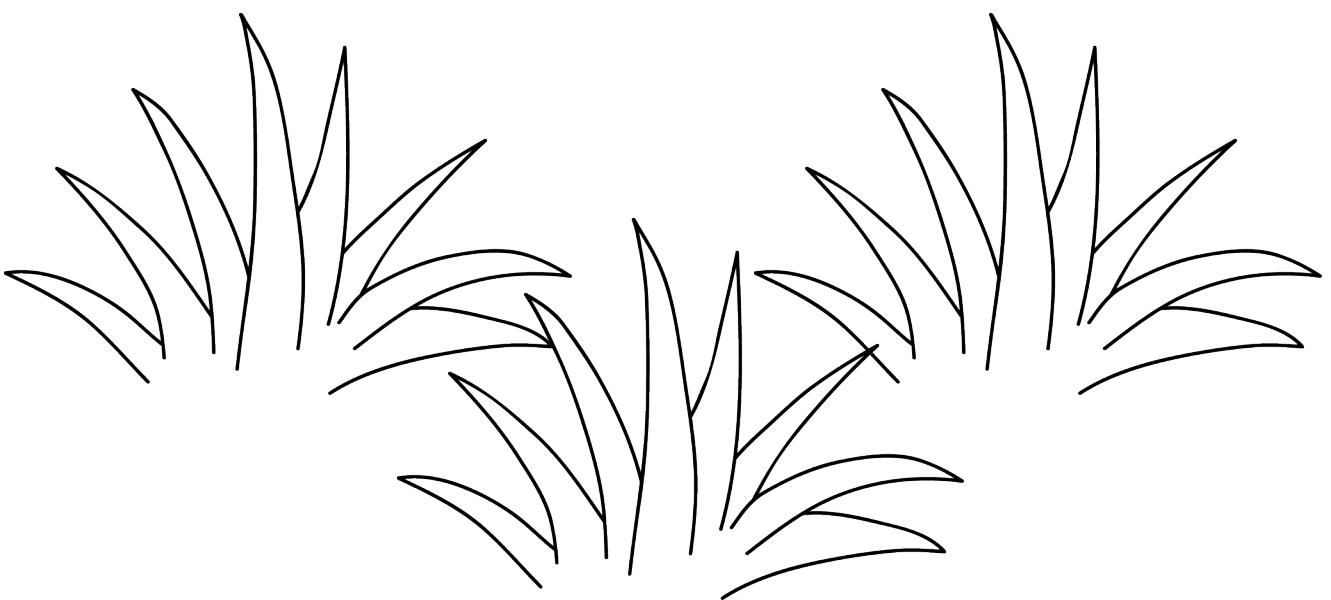


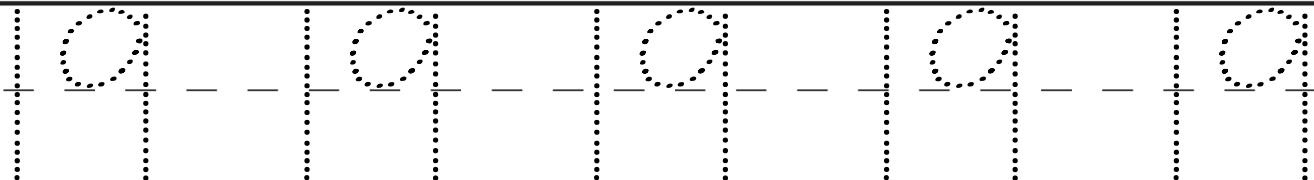


Count 17 flowers and color them yellow.

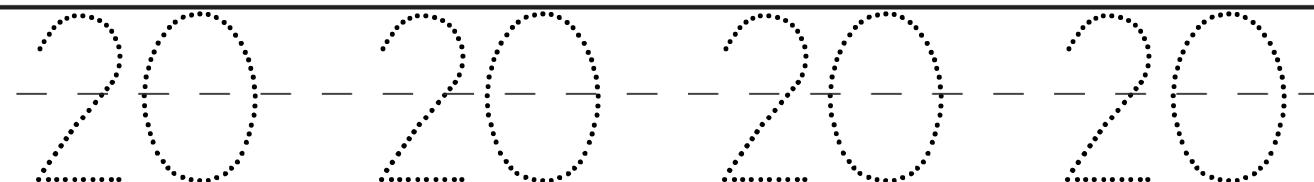
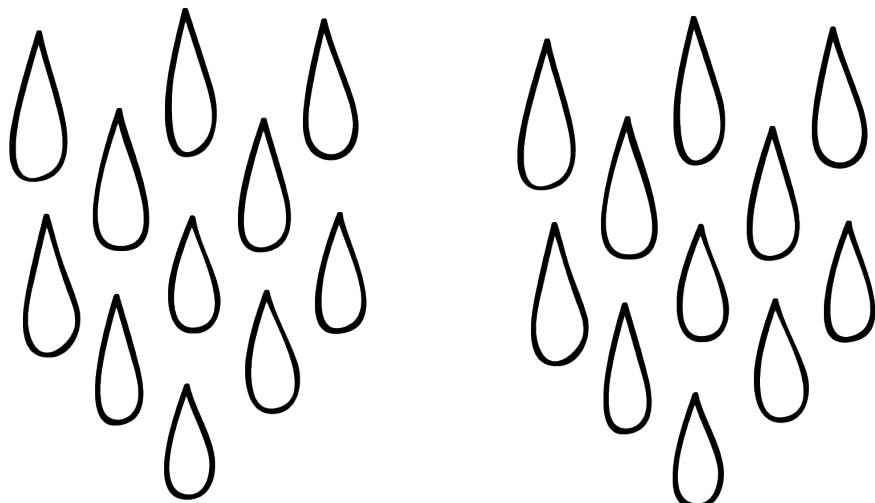


Count 18 blades of grass and color them green.

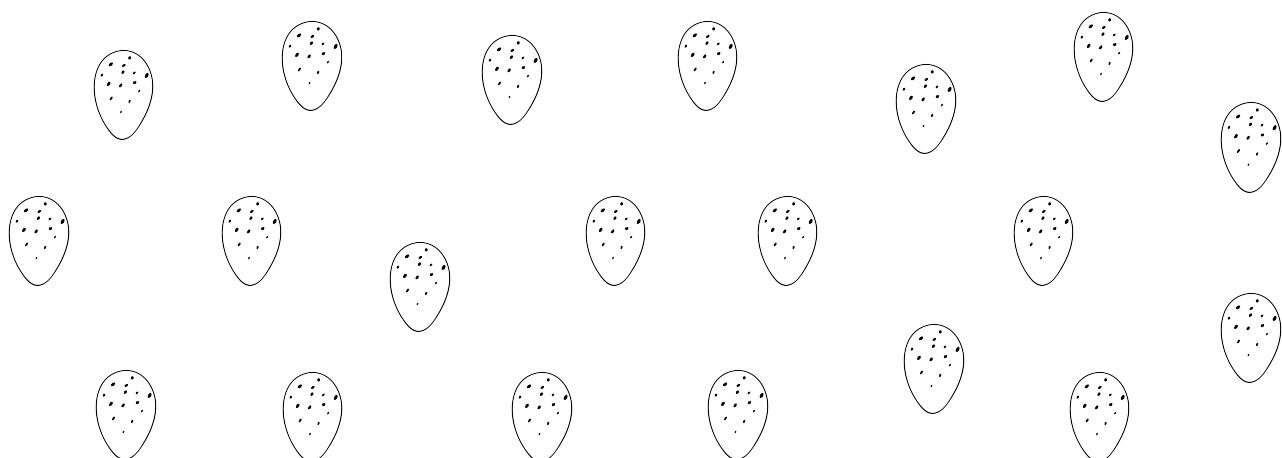




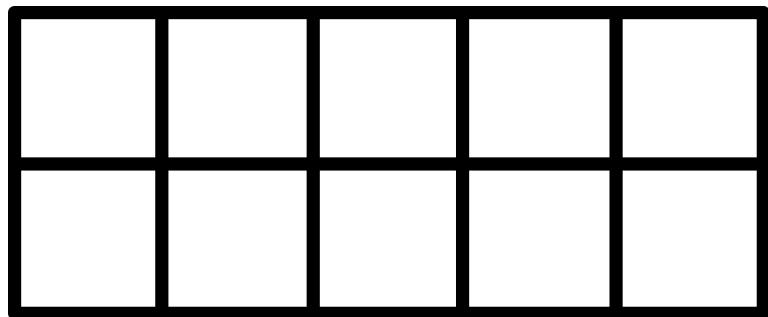
Count 19 raindrops and color them blue.



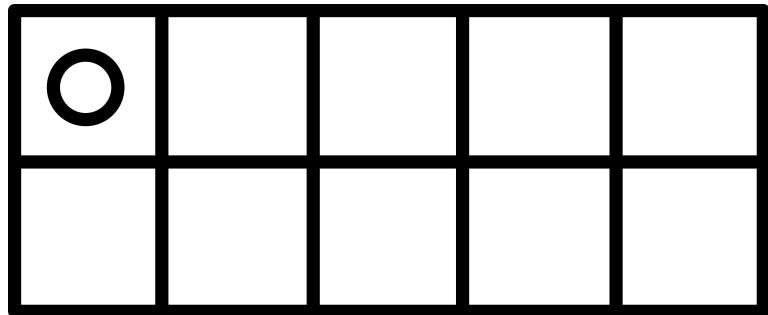
Color 20 seeds brown.



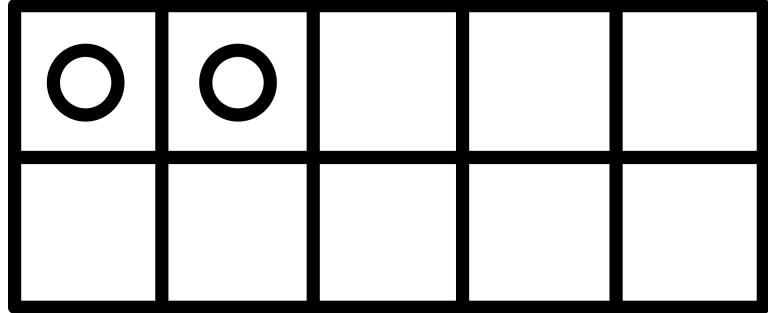
0



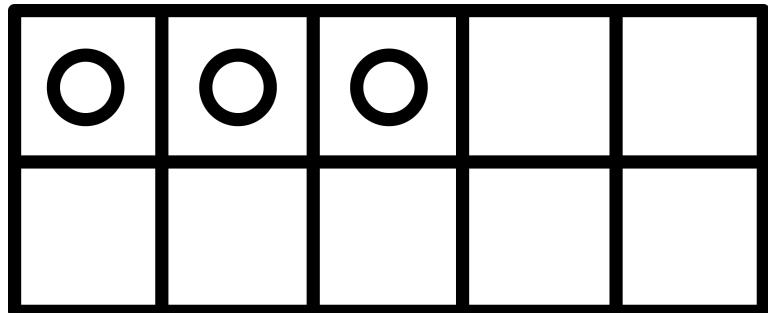
1



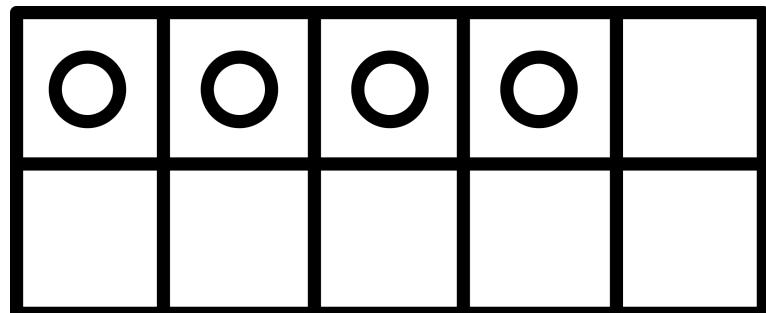
2



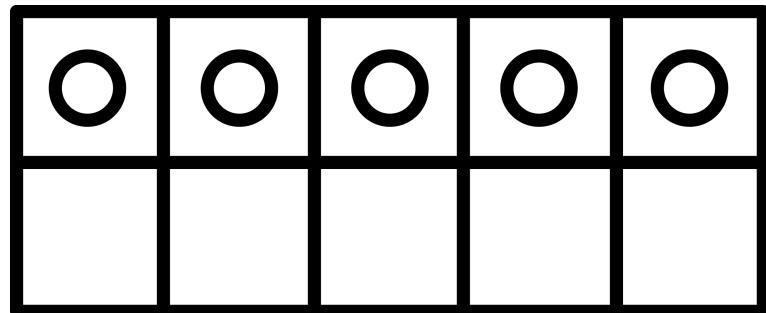
3



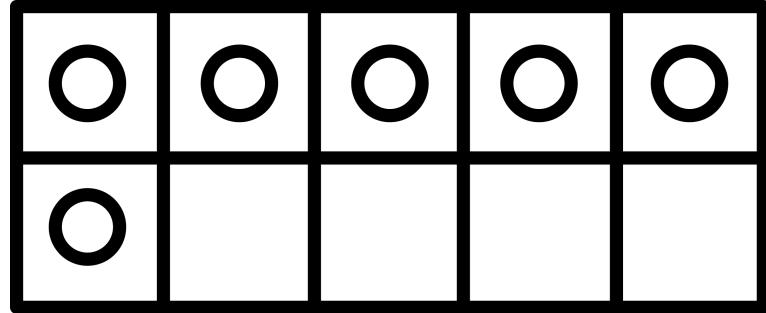
4



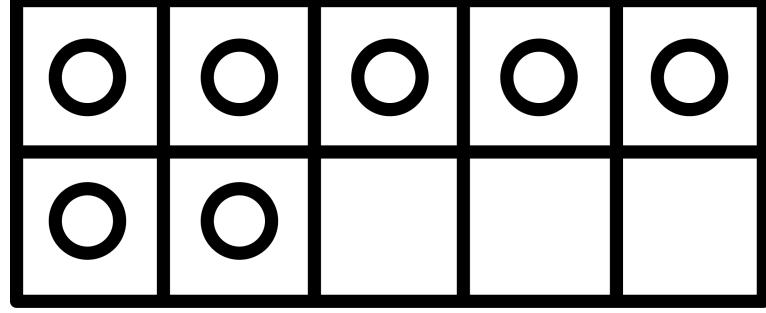
5



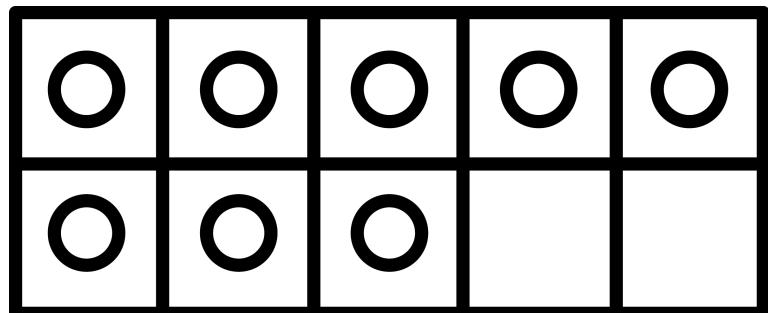
6



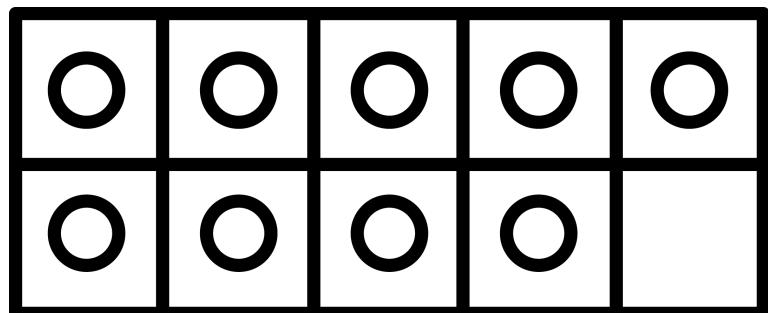
7



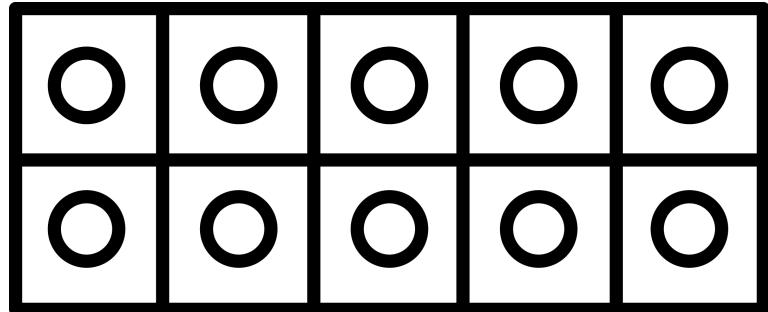
8



9



10

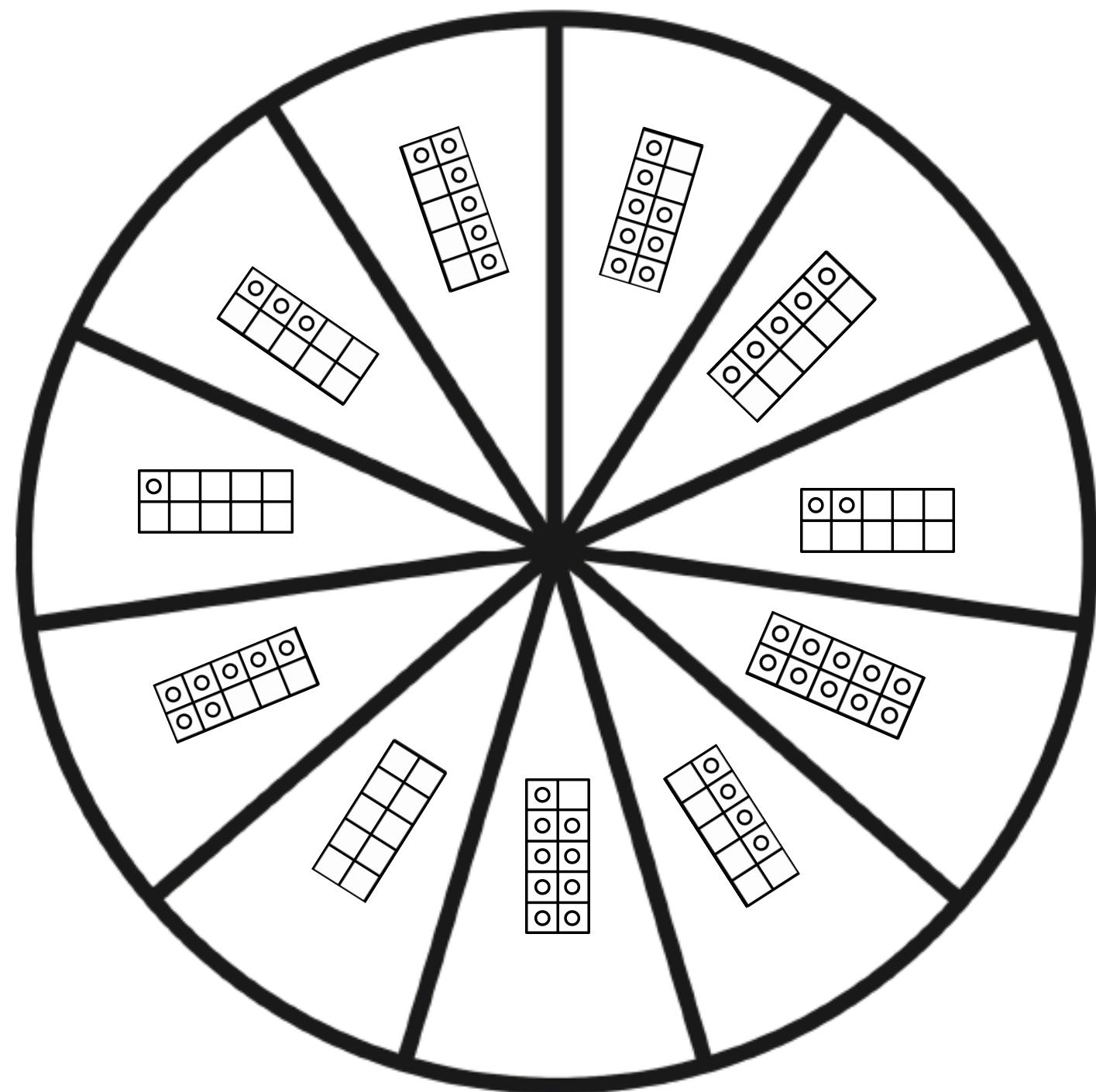


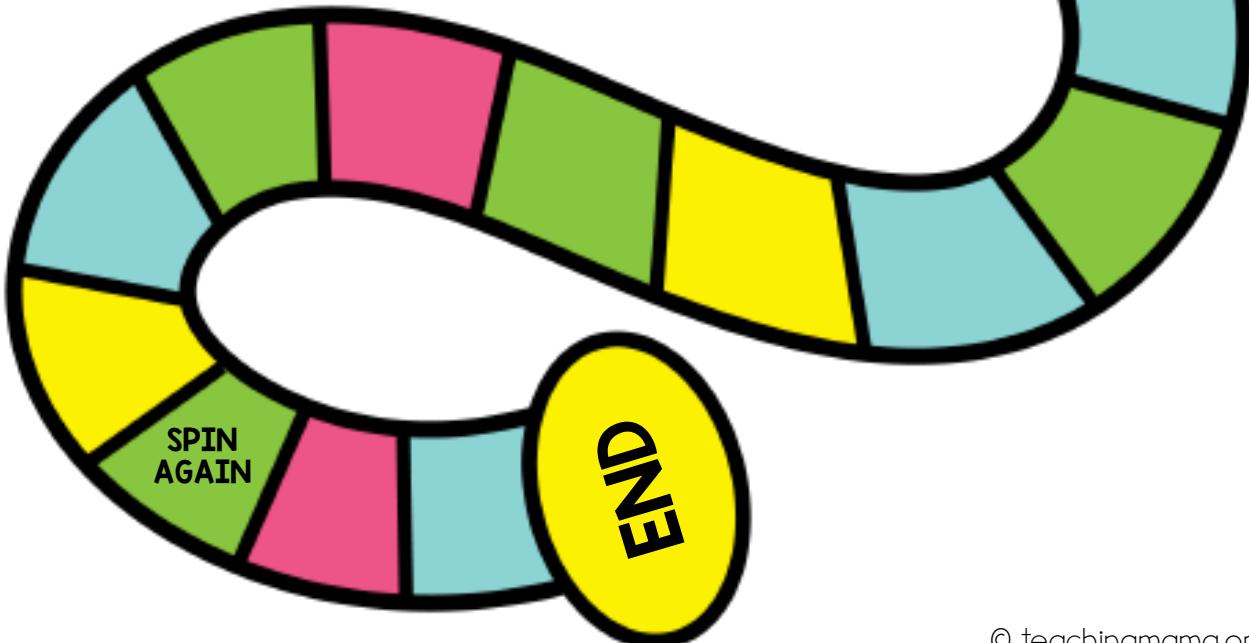
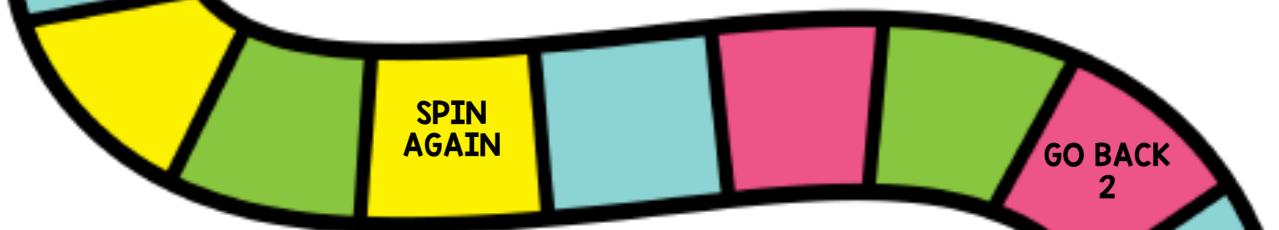
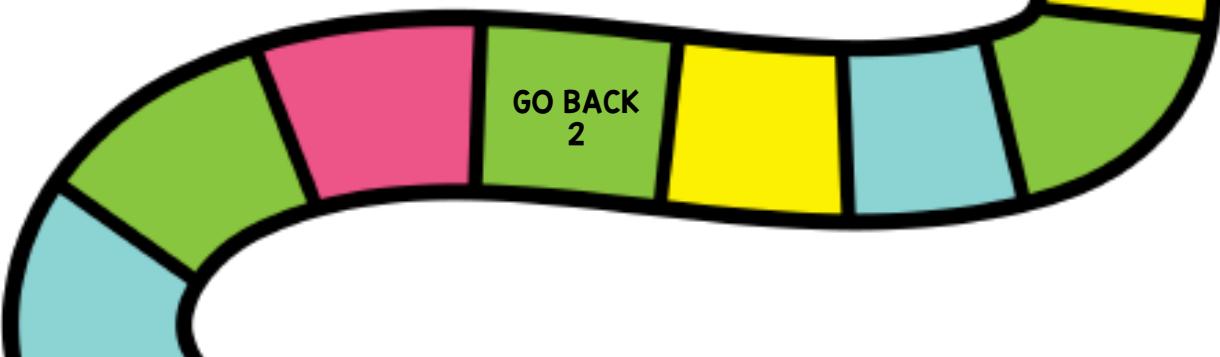
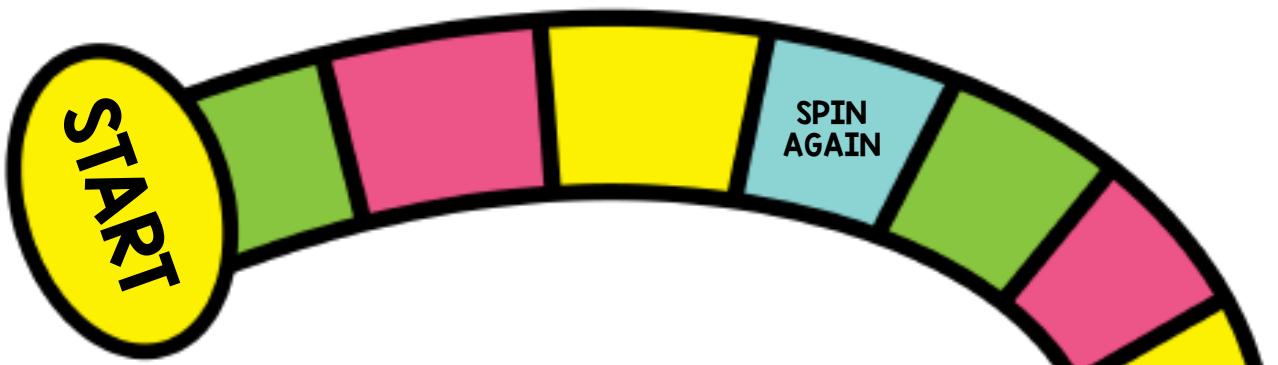
Ten Frame Game

1. Cut out a star for each player and place on start.
2. Cut out the spinner and poke a small hole in the center. Place a paper clip near the hole and secure a brad through the hole. Make sure the brad is not too tight and the paperclip can spin around.
3. If you need extra help, check out this post:
<https://livingmontessorinow.com/how-to-make-a-paperclip-game-spinner-that-spins-easily/>

How to Play:

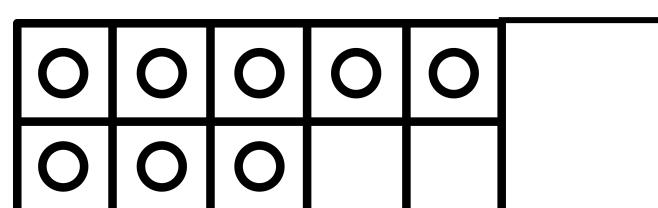
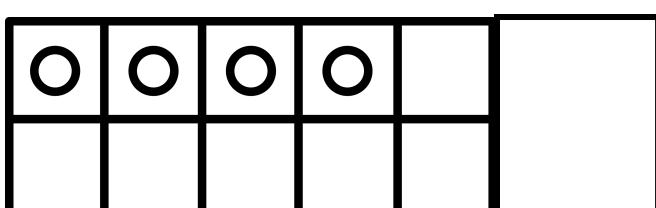
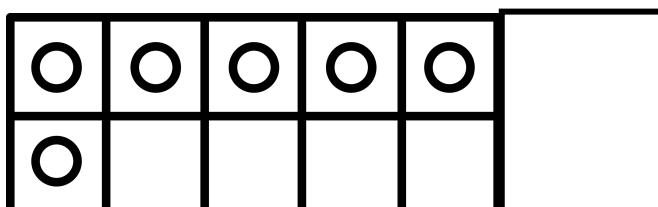
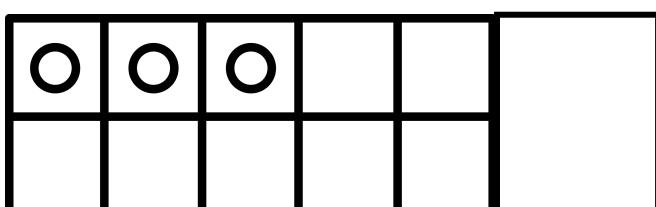
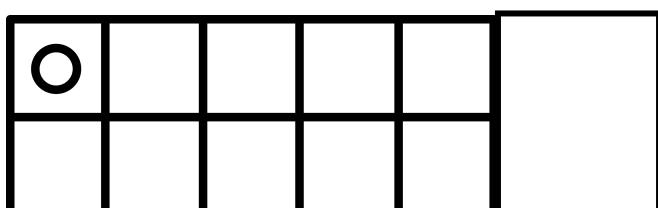
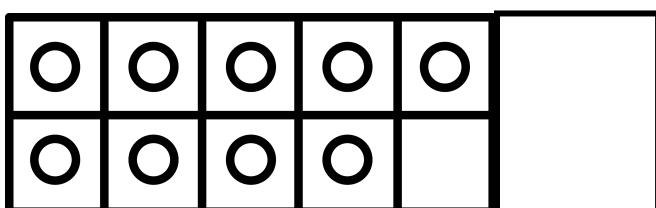
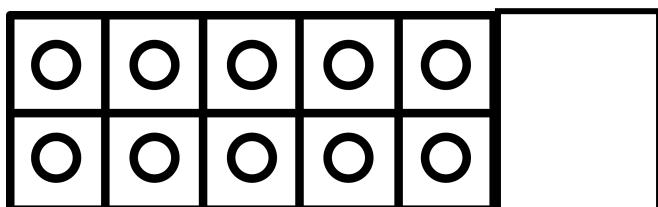
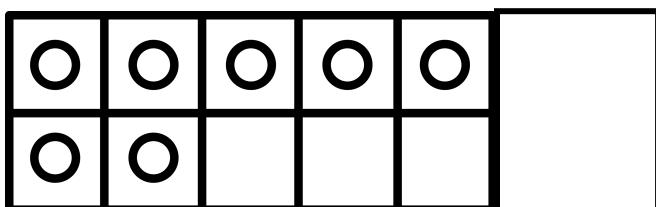
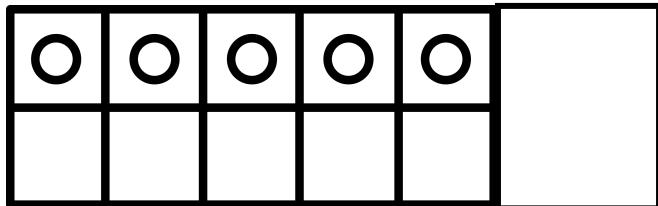
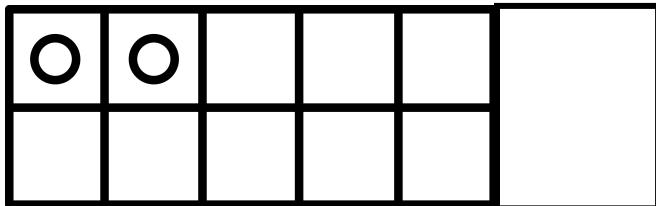
1. One player spins and identify the number on the ten frame. Move their star that many spaces.
2. Take turn playing until the first person reaches the end.





Ten Frame Match

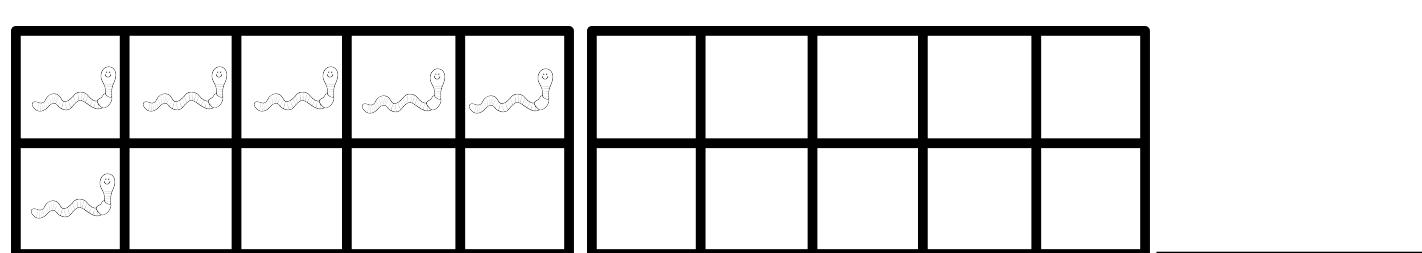
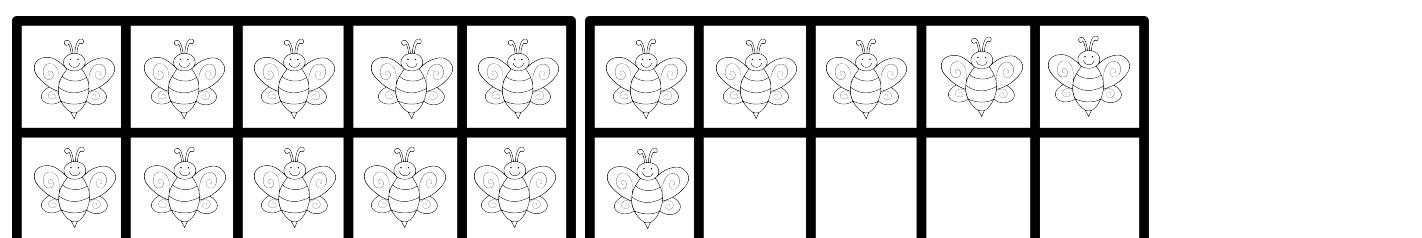
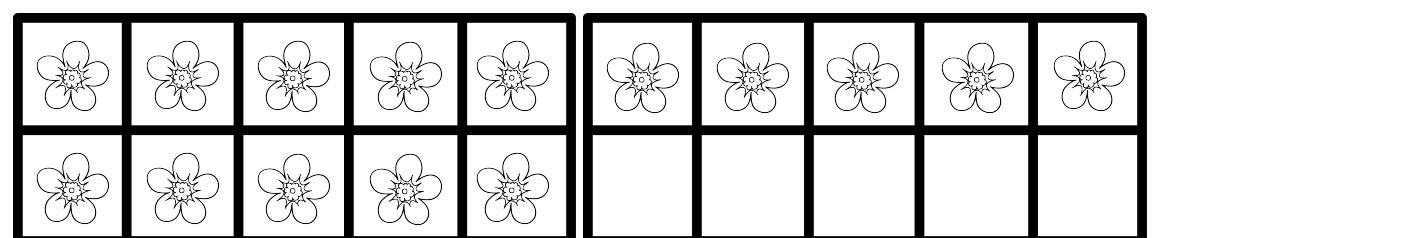
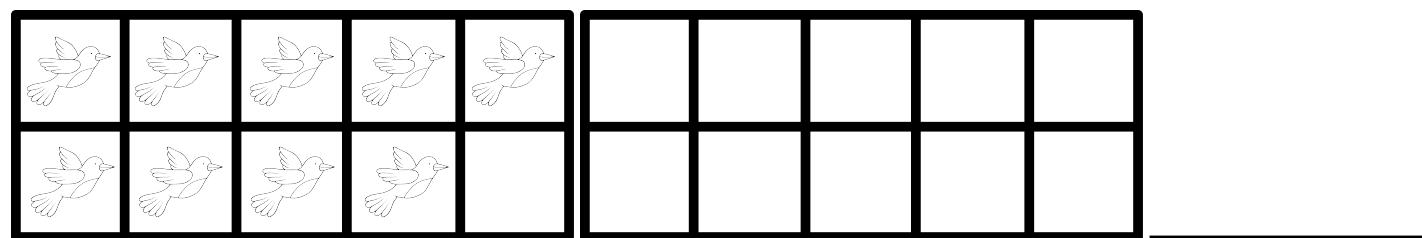
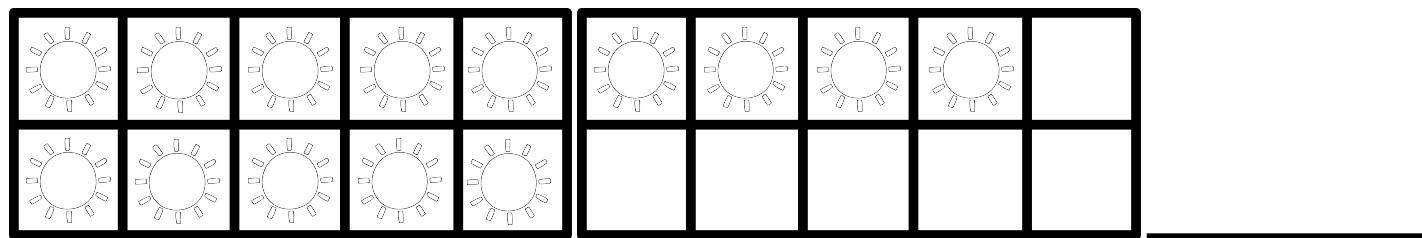
Cut and paste the numbers next to the correct frame.



1 2 3 4 5 6 7 8
9 0

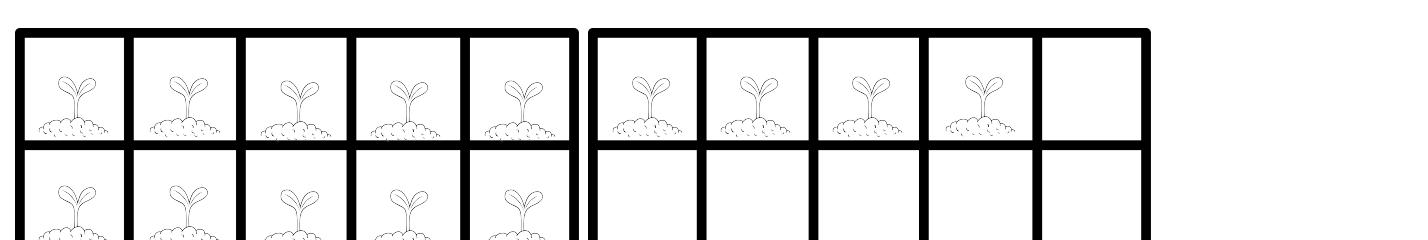
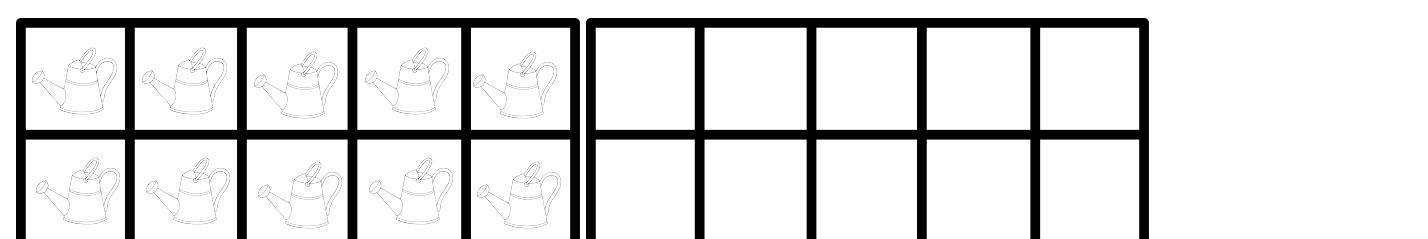
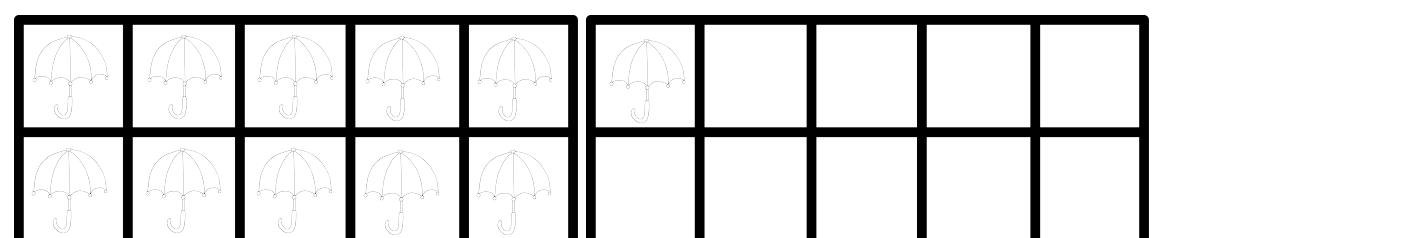
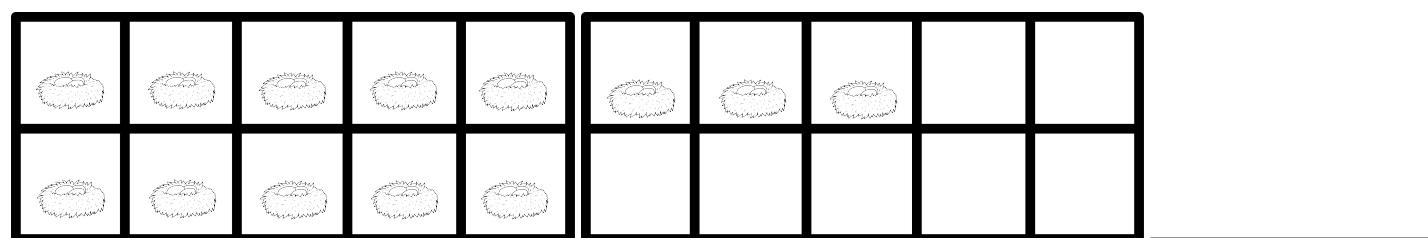
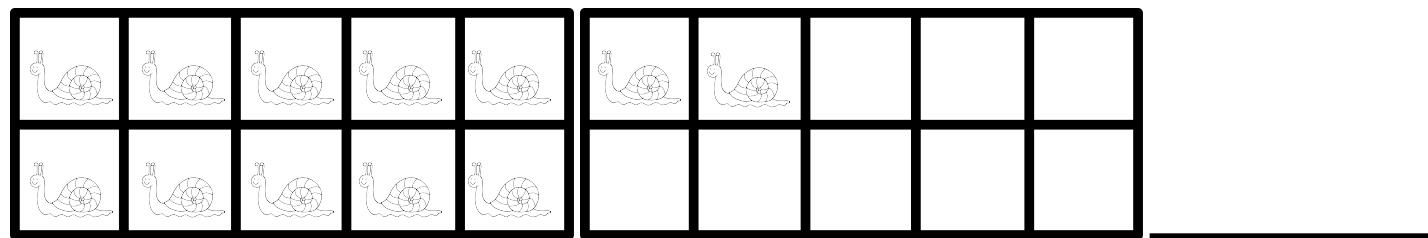
Ten Frames with Teen Numbers

Count the pictures and write how many.



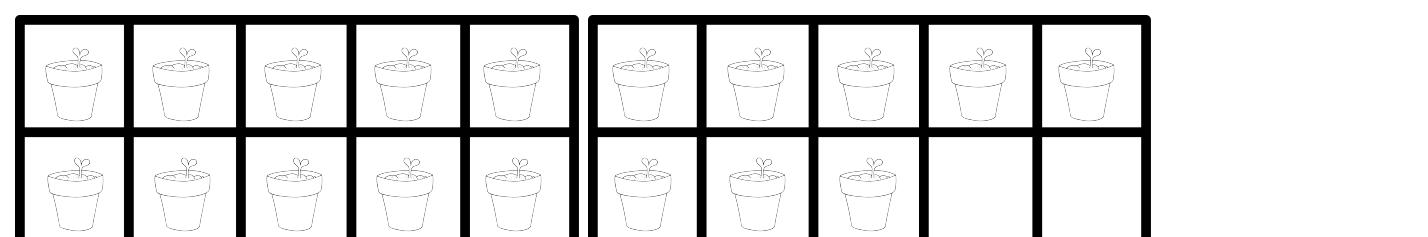
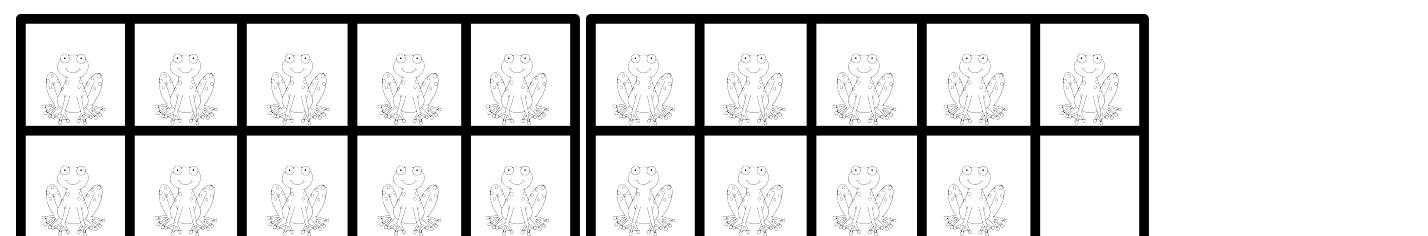
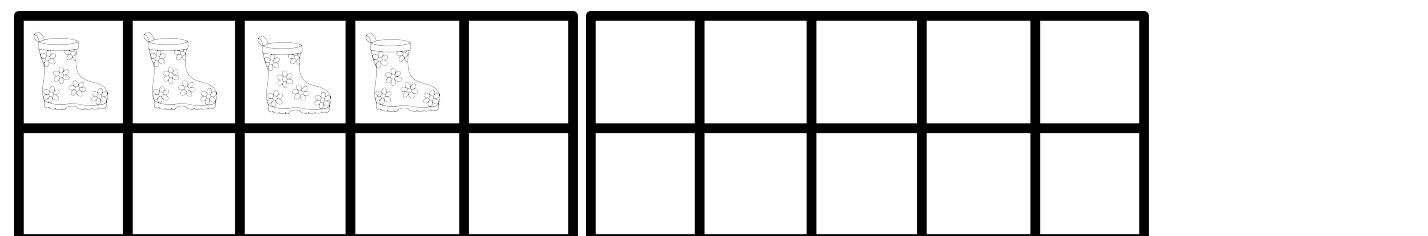
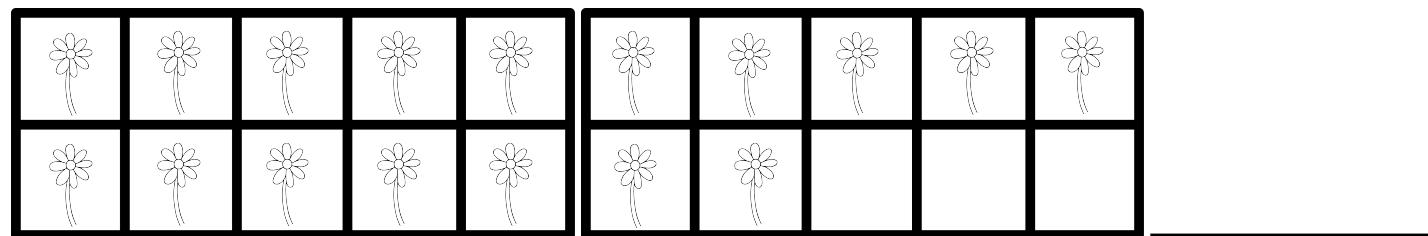
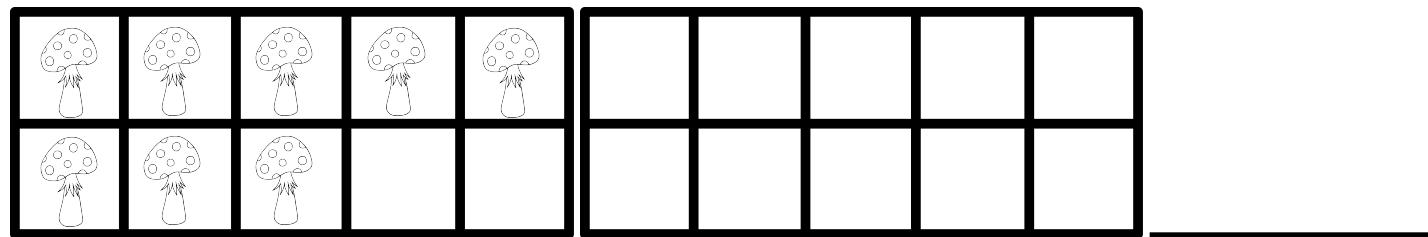
Ten Frames with Teen Numbers

Count the pictures and write how many.



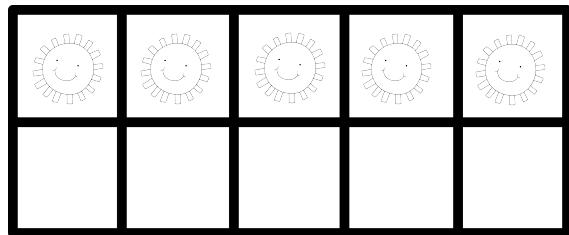
Ten Frames with Teen Numbers

Count the pictures and write how many.

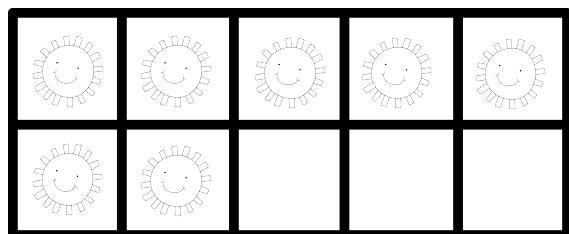


Ten Frame Addition

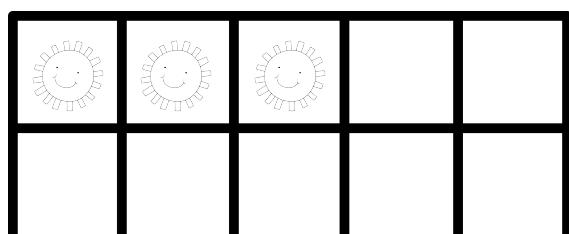
Count the suns. How many more do you need to make 10?



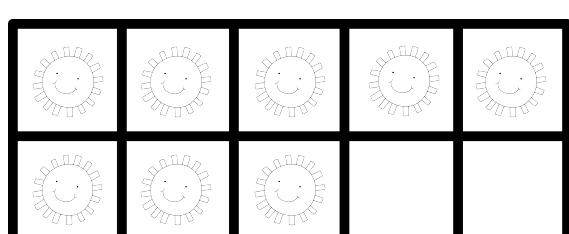
$$\underline{\quad} + \underline{\quad} = 10$$



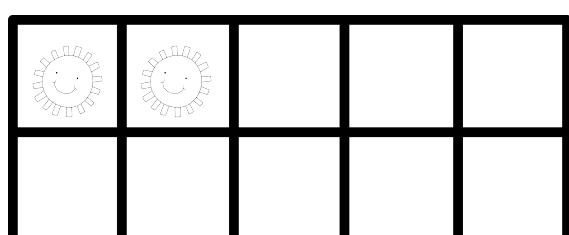
$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



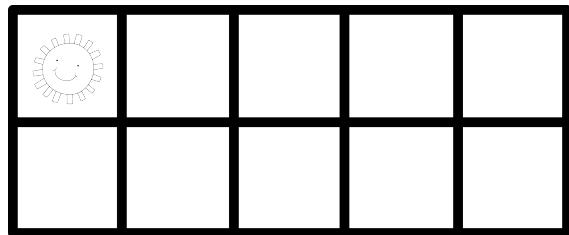
$$\underline{\quad} + \underline{\quad} = 10$$



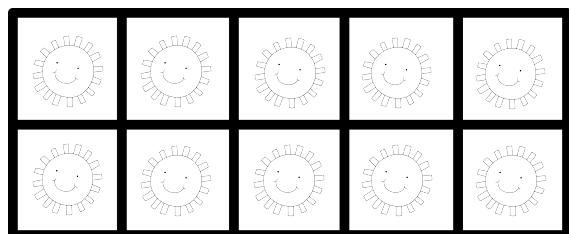
$$\underline{\quad} + \underline{\quad} = 10$$

Ten Frame Addition

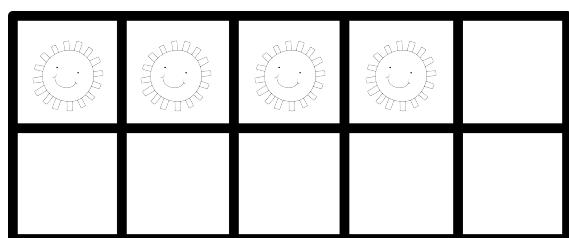
Count the suns. How many more do you need to make 10?



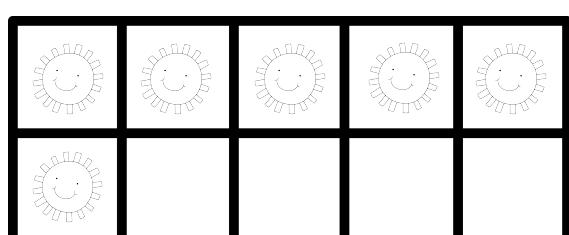
$$\underline{\quad} + \underline{\quad} = 10$$



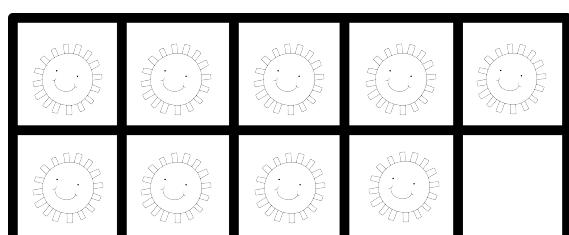
$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$

Highest Number

Color the cloud with the higher number.

10

12

9

14

3

5

11

10

16

15

7

13

14

2

6

16

8

17

9

4

12

11

19

20

Addition Practice

Solve these addition problems using the number line.



$3 + 5 =$	$3 + 4 =$
$2 + 3 =$	$6 + 2 =$
$4 + 5 =$	$3 + 3 =$
$2 + 5 =$	$4 + 1 =$
$8 + 1 =$	$6 + 3 =$
$4 + 2 =$	$7 + 1 =$
$3 + 1 =$	$5 + 5 =$

Addition Practice

Solve these addition problems using the number line.



$10 + 5 =$	$16 + 2 =$
$11 + 2 =$	$13 + 3 =$
$12 + 4 =$	$14 + 1 =$
$17 + 2 =$	$11 + 3 =$
$15 + 5 =$	$12 + 2 =$
$13 + 4 =$	$14 + 5 =$

Subtraction Practice

Solve these subtraction problems using the number line.



$10 - 3 =$	$9 - 4 =$
$9 - 2 =$	$6 - 2 =$
$4 - 2 =$	$1 - 1 =$
$10 - 5 =$	$7 - 3 =$
$6 - 3 =$	$8 - 4 =$
$5 - 4 =$	$10 - 8 =$
$10 - 1 =$	$7 - 5 =$

Subtraction Practice

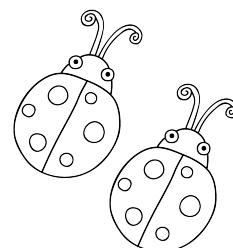
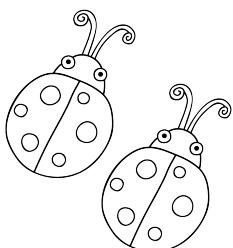
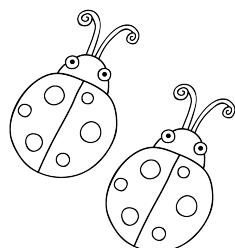
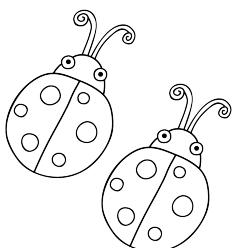
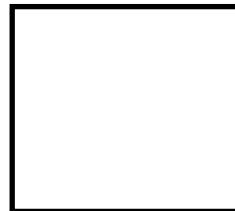
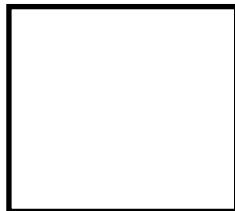
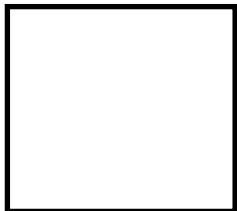
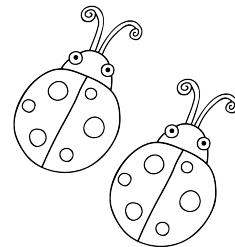
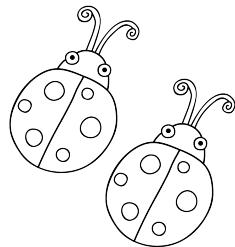
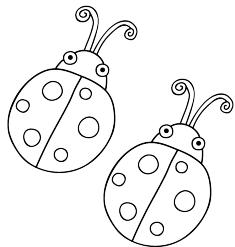
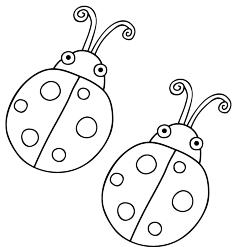
Solve these addition problems using the number line.



$12 - 2 =$	$15 - 4 =$
$17 - 3 =$	$13 - 2 =$
$20 - 4 =$	$16 - 3 =$
$16 - 2 =$	$20 - 3 =$
$15 - 5 =$	$18 - 8 =$
$19 - 1 =$	$14 - 5 =$

Skip Counting by 2's

Cut and paste the numbers to show counting by 2's. Start with 2 and see how many ladybugs there are altogether.



2

8

16

4

14

6

10

12

Skip Counting by 2's

Fill in the missing numbers.



2 4 6 8 _____ 12

6 8 10 12 14 _____

4 6 _____ 10 12 14

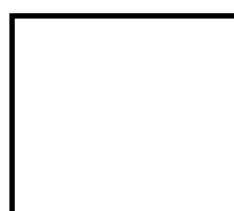
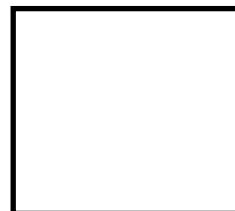
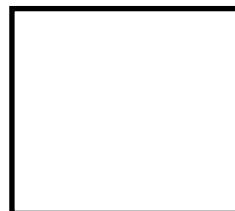
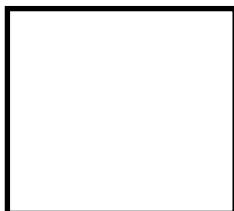
2 _____ 6 8 10 12

_____ 8 10 12 14 16

12 14 16 _____ 20

Skip Counting by 5's

Cut and paste the numbers to show counting by 5's. Start with 5 and see how many raindrops there are altogether.



5 15 30 20 40 25

10 35

Skip Counting by 5's

Fill in the missing numbers.



5 10 15 20 _____ 30

15 20 25 30 35 _____

10 15 _____ 25 30 35

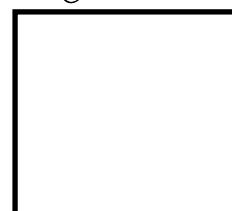
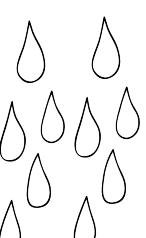
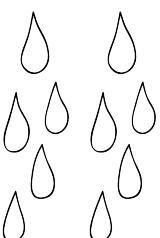
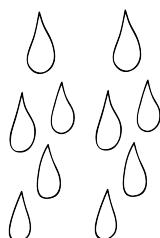
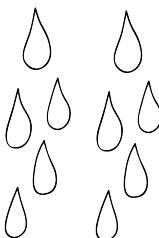
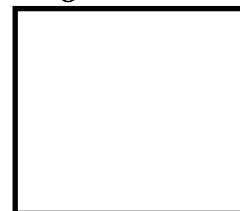
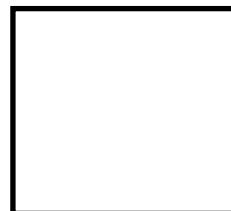
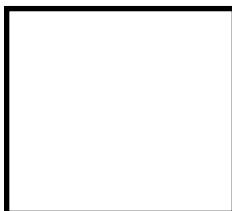
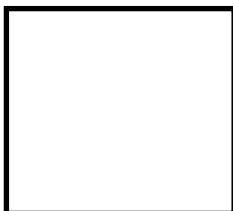
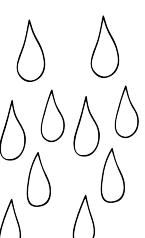
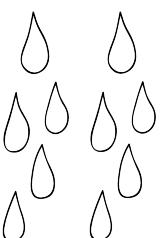
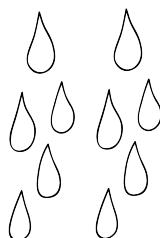
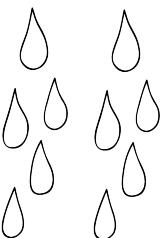
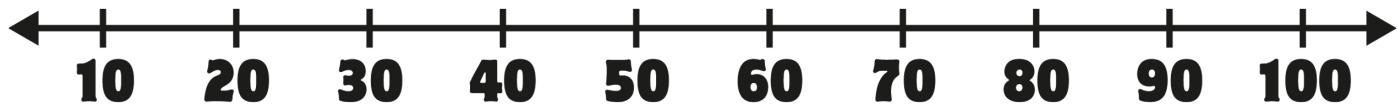
25 30 35 40 _____ 50

20 25 _____ 35 40 45

15 _____ 25 30 35 40

Skip Counting by 10's

Cut and paste the numbers to show counting by 10's. Start with 10 and see how many raindrops there are altogether.

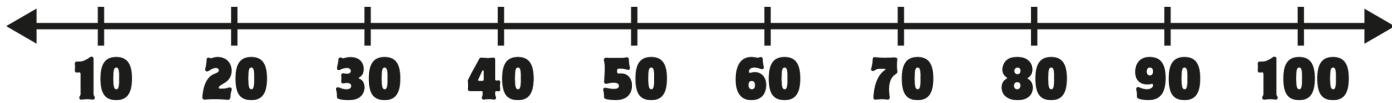


10 30 70 80 40 50

60 20

Skip Counting by 10's

Fill in the missing numbers.



10 20 30 40 _____ 60

20 30 _____ 50 60 70

40 50 60 70 80 _____

30 40 50 60 _____ 80

40 50 _____ 70 80 90

10 _____ 30 40 50 60

Missing Numbers

Fill in the missing numbers.

I	2		4	5
	7	8	9	
II	12	13		15
16		18	19	
21	22		24	25
26		28		30
	32	33	34	35
36	37		39	
41		43		45
	47	48	49	

Missing Numbers

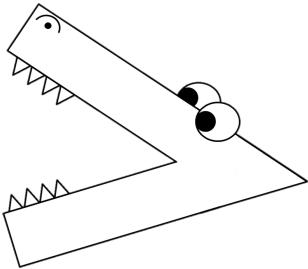
Fill in the missing numbers.

51	52	53		55
56	57		59	60
61		63	64	
66	67	68		70
	72	73	74	
76	77		79	80
	82	83		85
86		88	89	90
q1	q2		q4	q5
	q7	q8		100

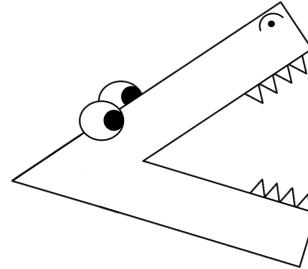
Comparing Numbers

Compare the two numbers. Use the greater than or less than sign.

Example: $3 > 1$ means 3 is greater than 1.



Means
greater
than



Means
less
than

2 6

3 1

7 3

4 9

5 6

0 2

8 10

1 5

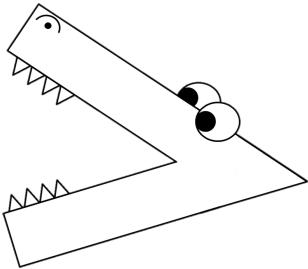
7 4

8 10

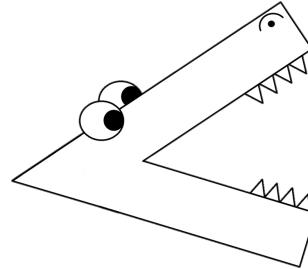
Comparing Numbers

Compare the two numbers. Use the greater than or less than sign.

These are challenge questions for kindergarteners.

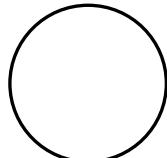


Means
greater
than



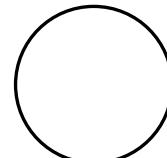
Means
less
than

11



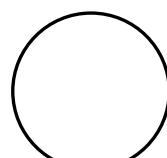
16

18



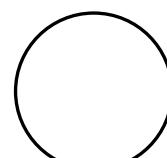
20

13



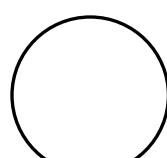
12

16



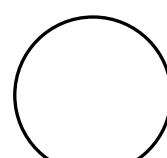
17

15



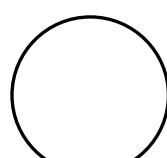
14

10



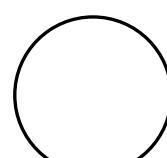
12

18



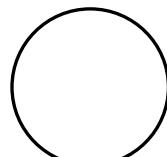
10

15



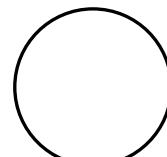
13

11



15

19



14

Missing Parts

Write the missing part.

whole	
10	
part	part
5	

whole	
8	
part	part
	4

whole	
12	
part	part
7	

whole	
7	
part	part
	3

whole	
11	
part	part
	5

whole	
4	
part	part
	1

whole	
6	
part	part
2	

whole	
15	
part	part
	10

Missing Parts

Write the missing part.

whole	
13	
part	part
7	

whole	
4	
part	part
	2

whole	
14	
part	part
7	

whole	
5	
part	part
	2

whole	
12	
part	part
	2

whole	
7	
part	part
	6

whole	
8	
part	part
5	

whole	
9	
part	part
	6

Missing Parts

Write the missing whole.

whole	
part	part
7	4

whole	
part	part
q	2

whole	
part	part
4	5

whole	
part	part
7	3

whole	
part	part
10	5

whole	
part	part
6	2

whole	
part	part
4	8

whole	
part	part
6	8

Follow the Rule

Read the rule at the top of each table. Fill in the missing number.

add 1

7	
3	
1	
4	
6	

add 10

3	
8	
1	
7	
2	

subtract 1

5	
6	
7	
8	
9	

subtract 10

12	
15	
19	
16	
10	

Follow the Rule

Read the rule at the top of each table. Fill in the missing number.

add 2

4	
5	
6	
7	
8	

add 5

2	
5	
7	
9	
10	

subtract 2

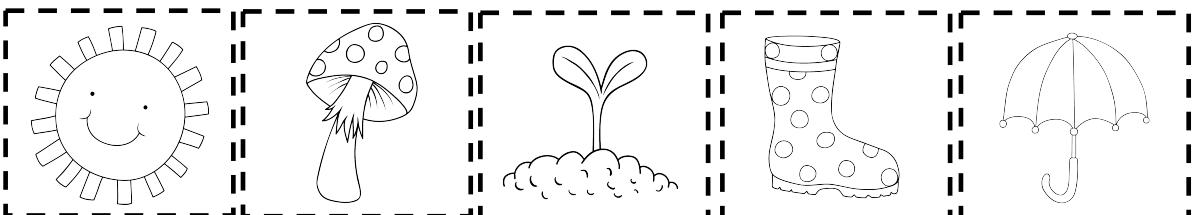
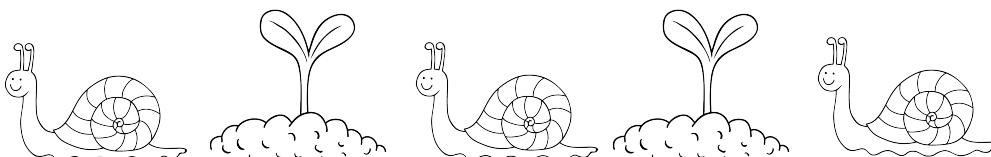
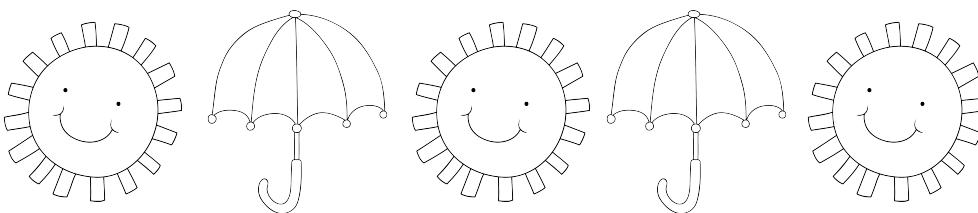
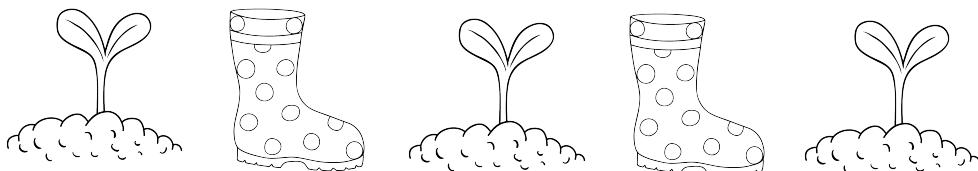
5	
6	
7	
8	
9	

subtract 5

9	
8	
7	
6	
5	

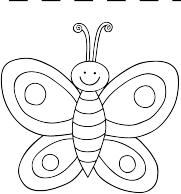
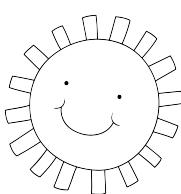
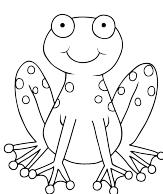
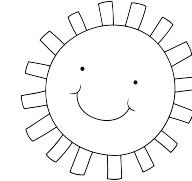
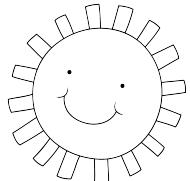
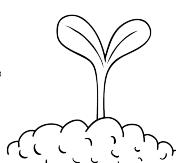
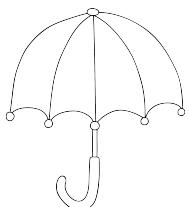
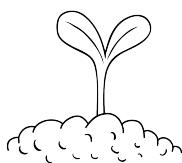
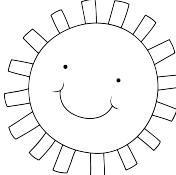
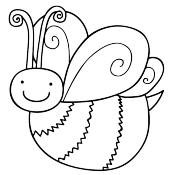
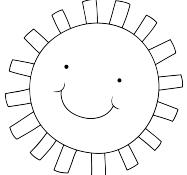
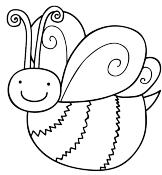
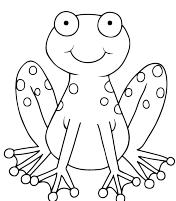
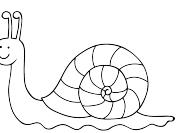
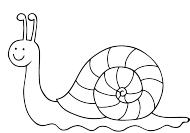
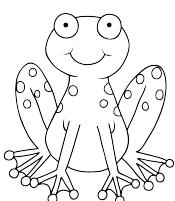
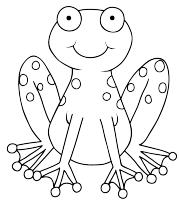
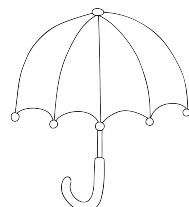
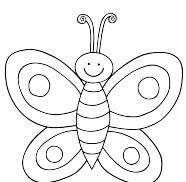
Finish the Pattern

Cut and paste the pictures in the empty boxes to finish the patterns.



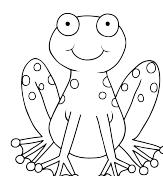
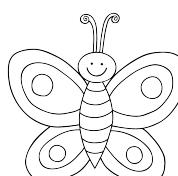
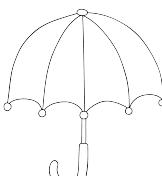
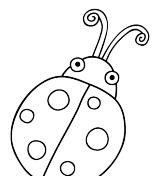
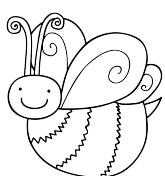
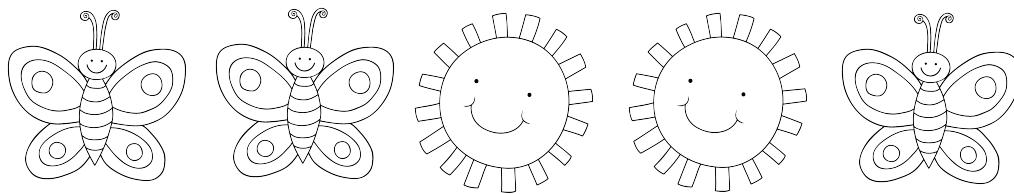
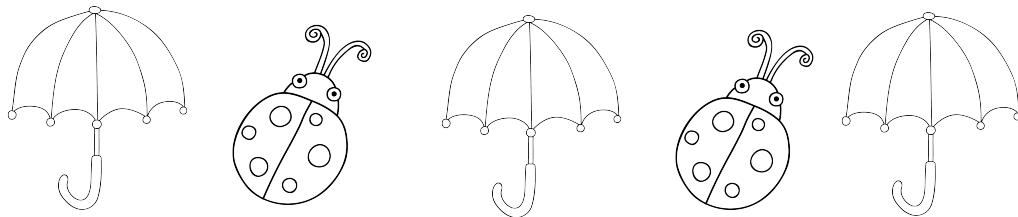
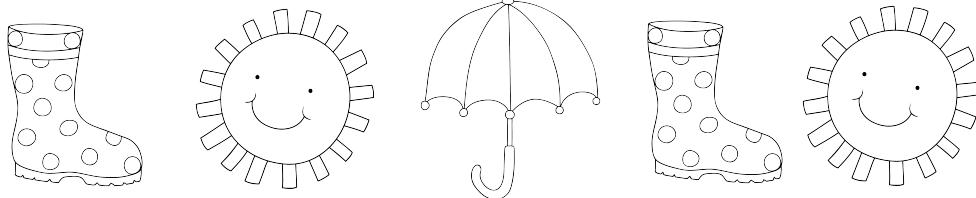
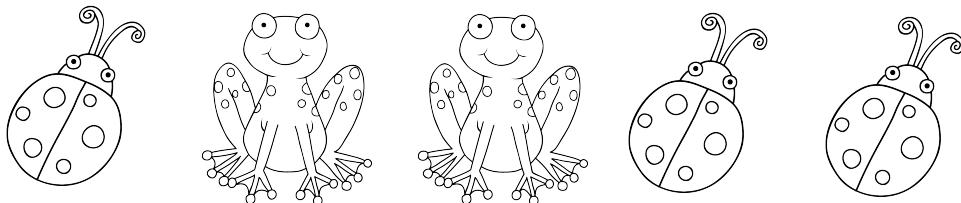
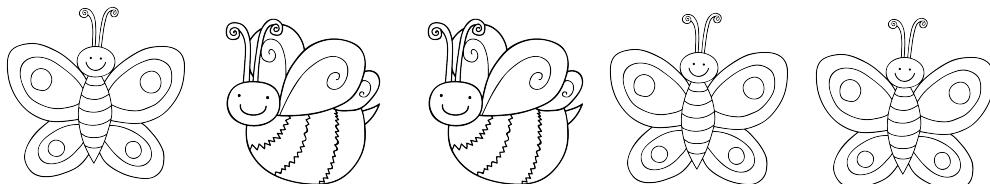
Finish the Pattern

Cut and paste the pictures in the empty boxes to finish the patterns.



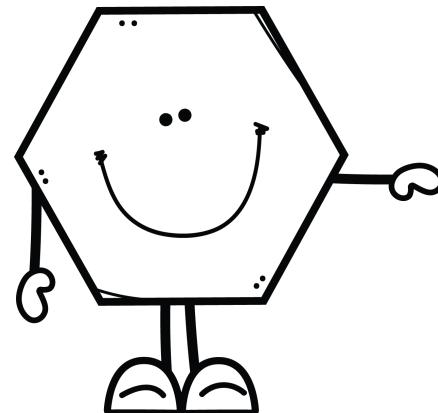
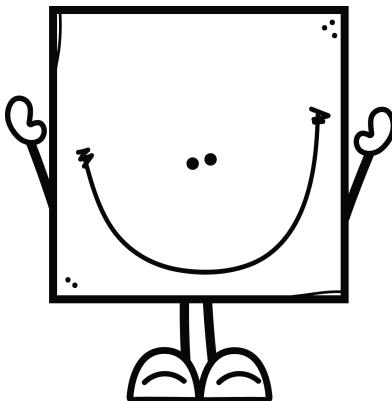
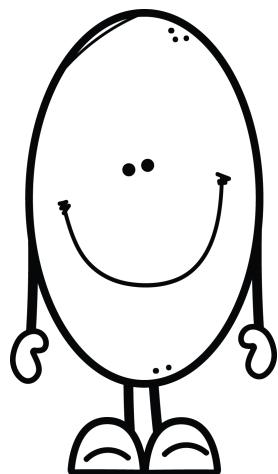
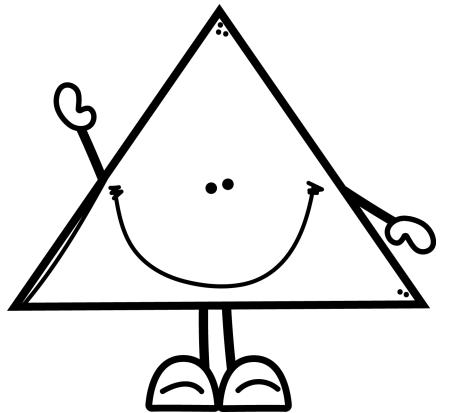
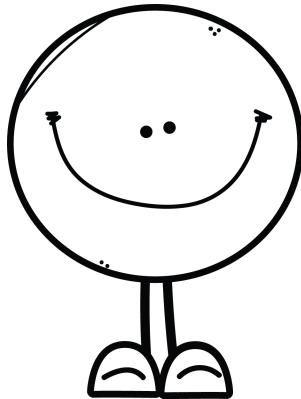
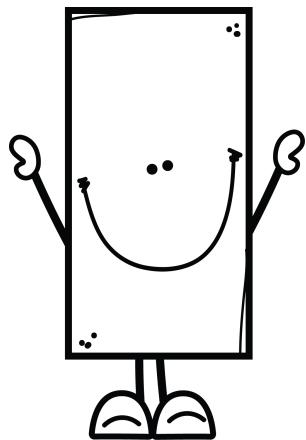
Finish the Pattern

Cut and paste the pictures in the empty boxes to finish the patterns.



Label the Shapes

Cut and paste the shape words in the empty boxes.



square

rectangle

oval

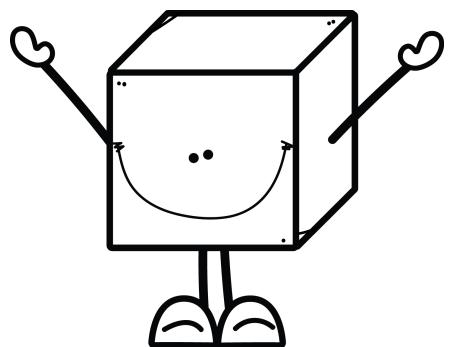
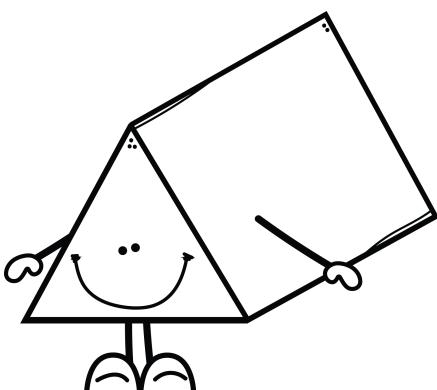
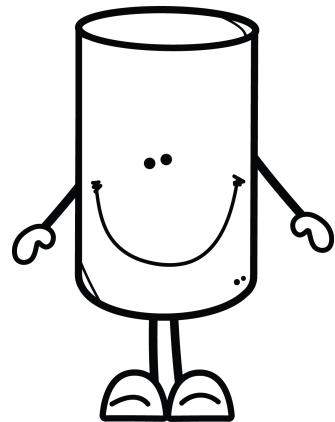
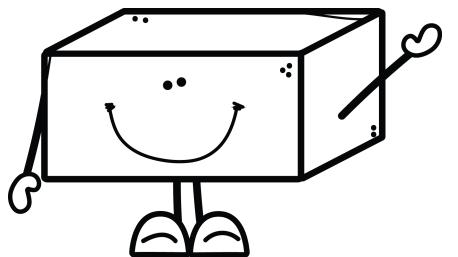
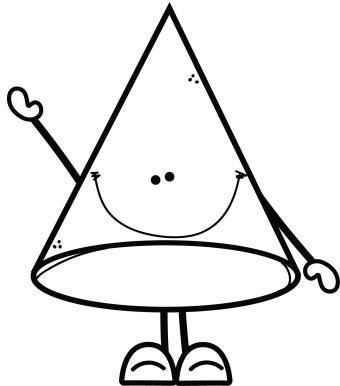
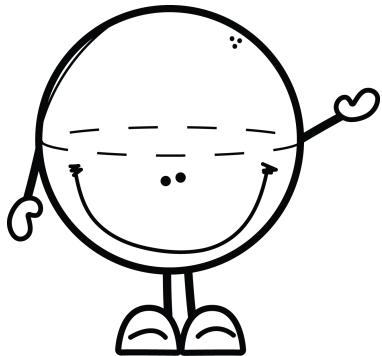
hexagon

triangle

circle

Label the Shapes

Cut and paste the shape words in the empty boxes.



triangular
prism

cube

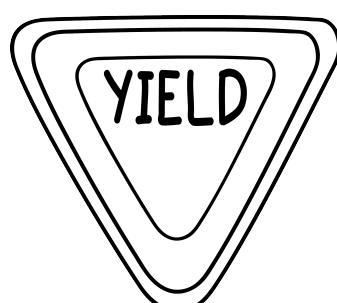
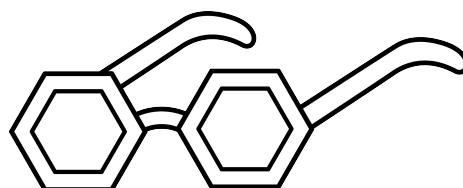
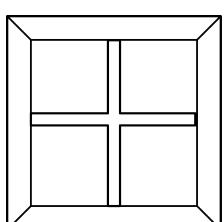
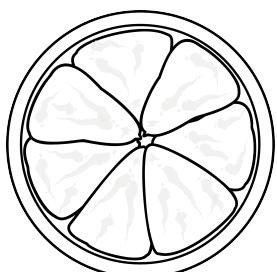
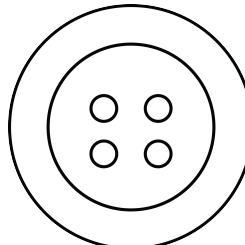
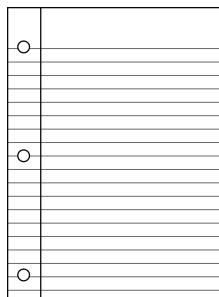
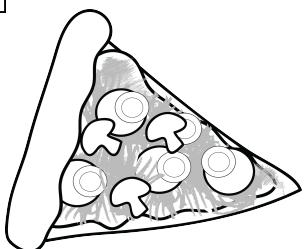
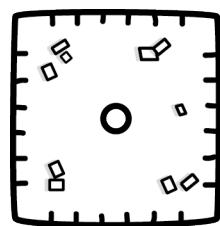
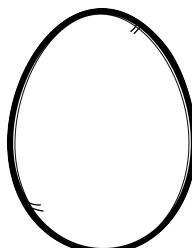
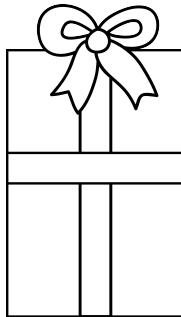
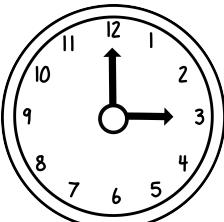
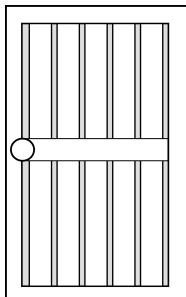
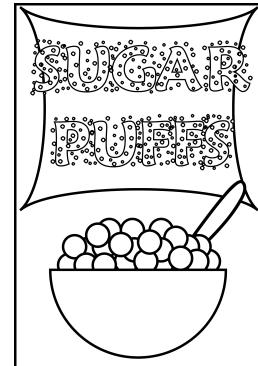
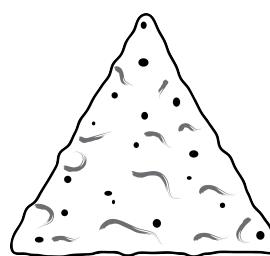
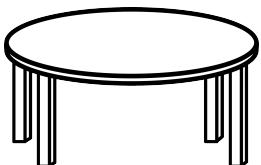
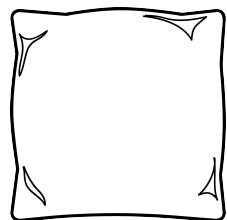
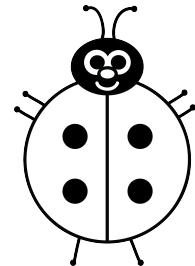
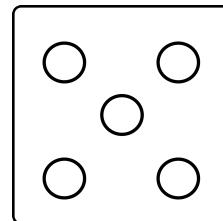
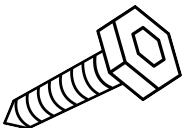
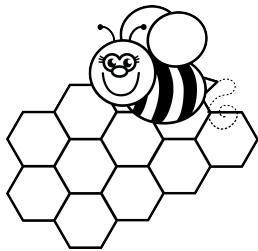
cone

cylinder

rectangular
prism

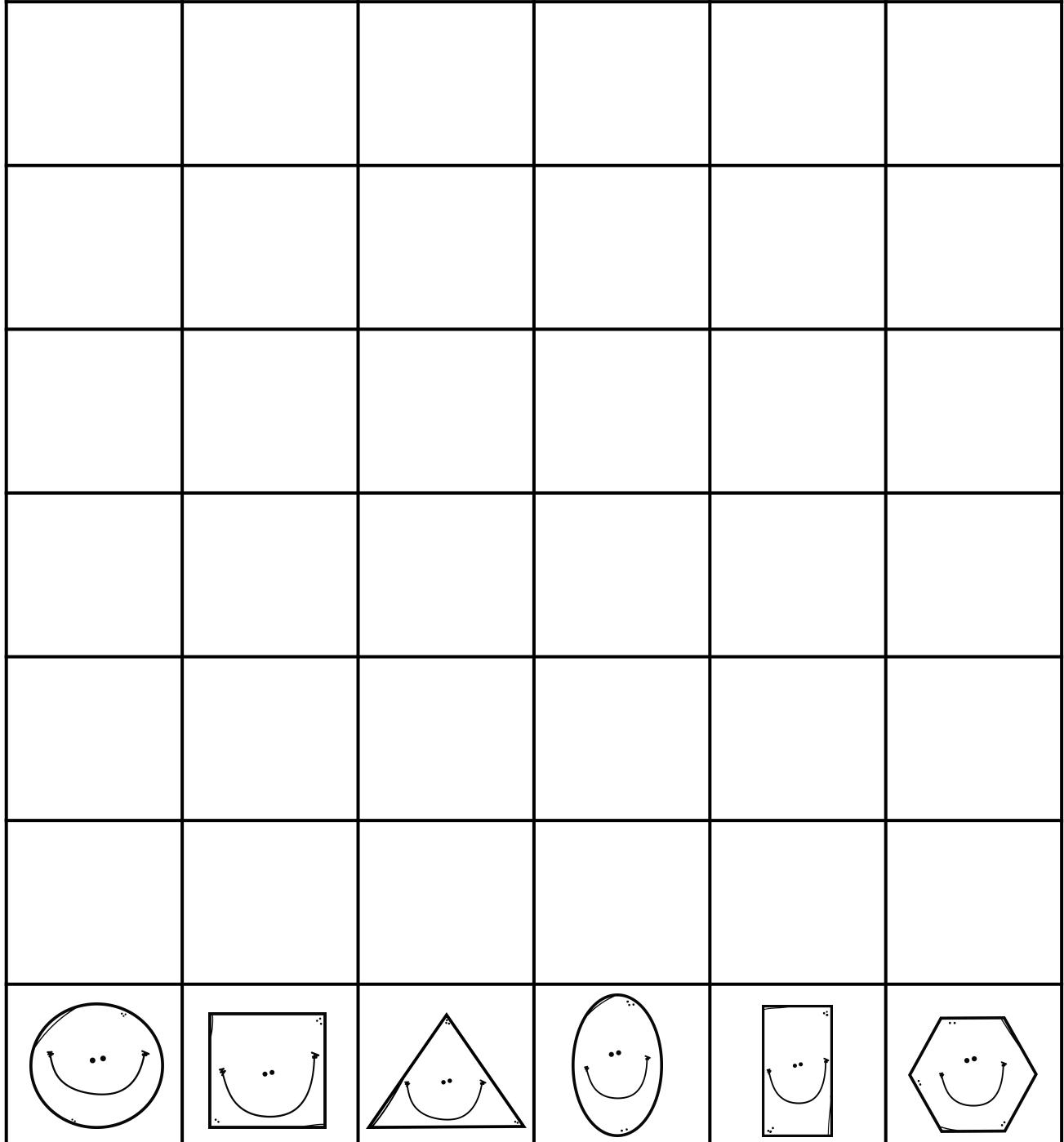
sphere

I Spy Shapes

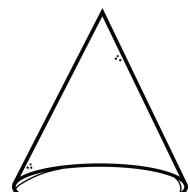
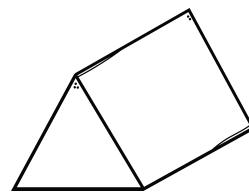
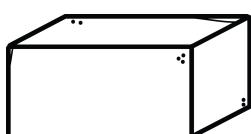
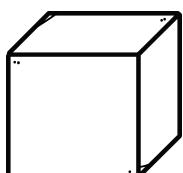
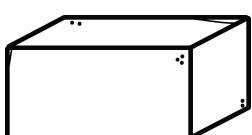
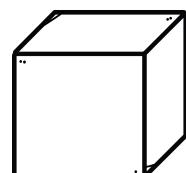
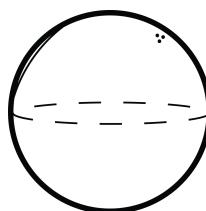
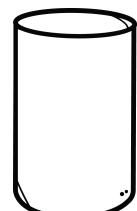
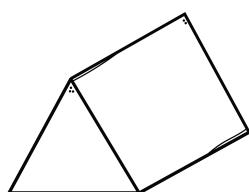
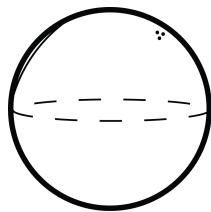
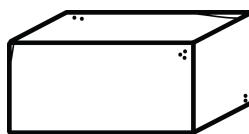
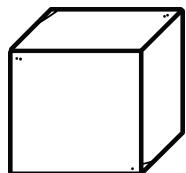
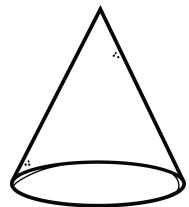
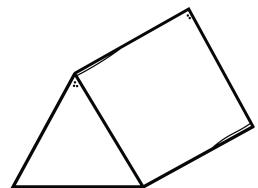
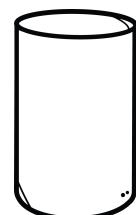
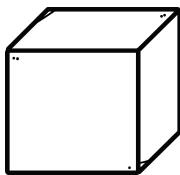
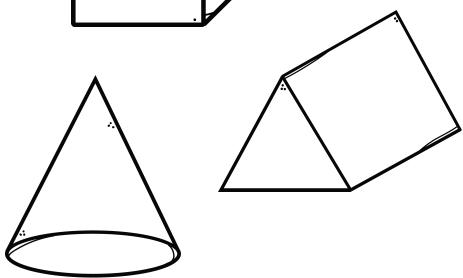
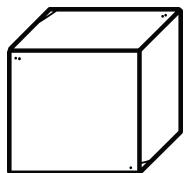
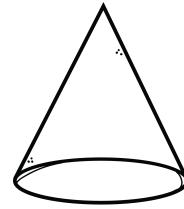
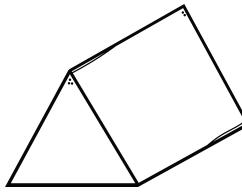
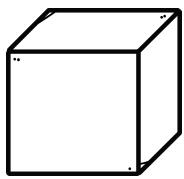
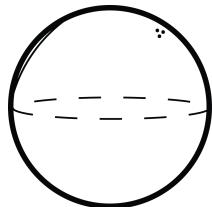
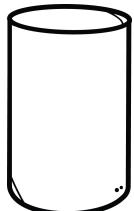
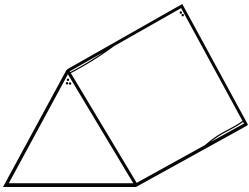


Graph the Shapes

Look at the I Spy shapes page. Every time you see an object with one of the shapes, color a square. See which shape has the most!

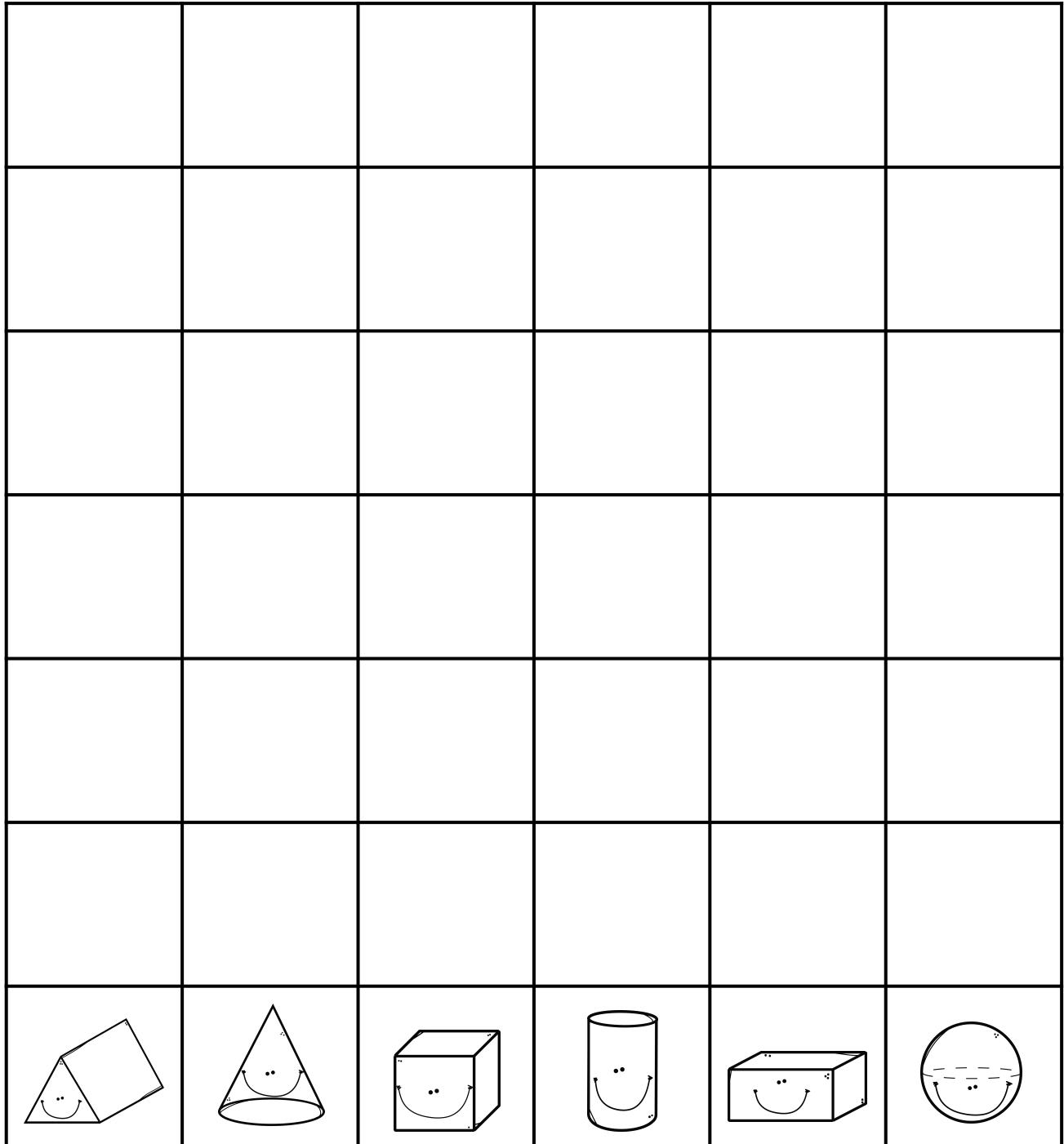


I Spy 3D Shapes



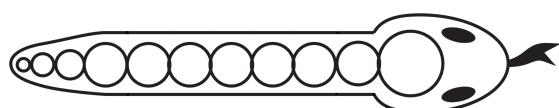
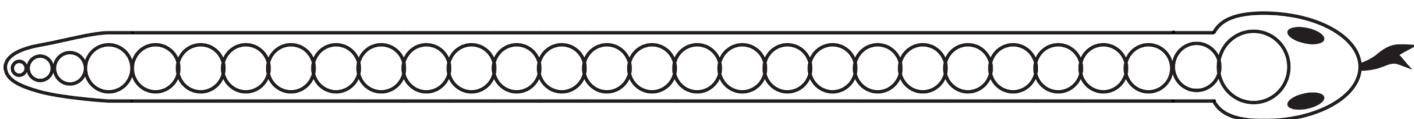
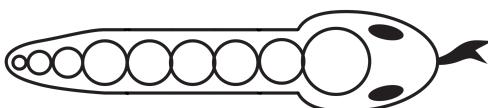
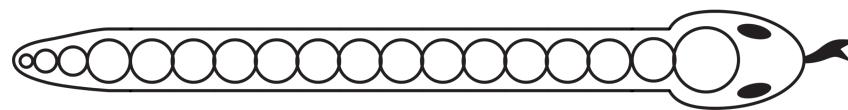
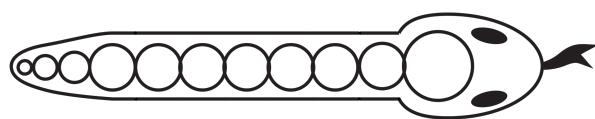
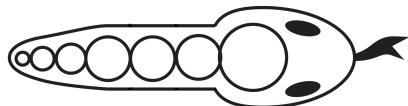
Graph the Shapes

Look at the I Spy shapes page. Every time you see an object with one of the shapes, color a square. See which shape has the most!



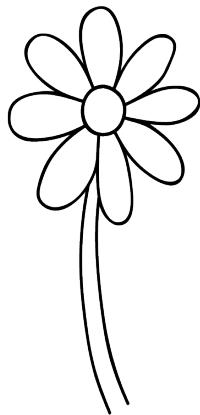
Measurement

Cut out each snake. Order them from smallest to biggest.



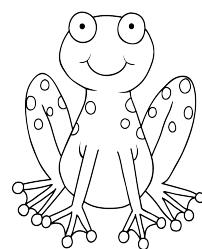
Measurement

How many units tall is each picture? Measure with the cubes and write the number on the line.



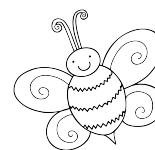
5
4
3
2
1

_____ units

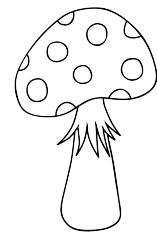


_____ units

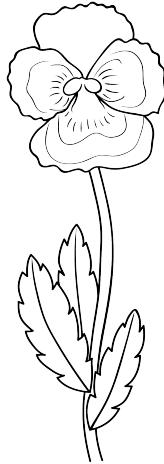
5
4
3
2
1



_____ units

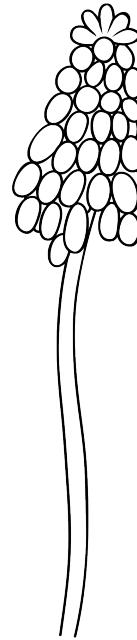


_____ units



10
9
8
7
6
5
4
3
2
1

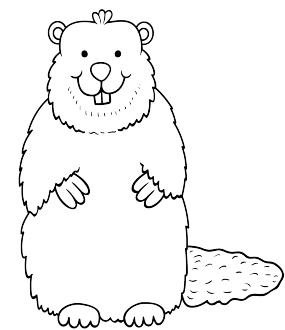
_____ units



_____ units

10
9
8
7
6
5
4
3
2
1

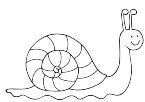
_____ units



_____ units

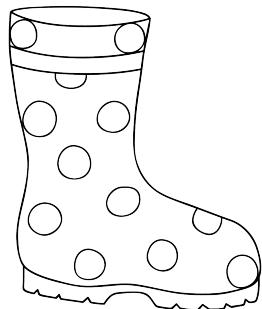
Measurement

How many units tall is each picture? Measure with the cubes and write the number on the line.

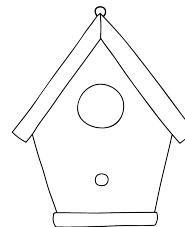


5
4
3
2
1

_____ units

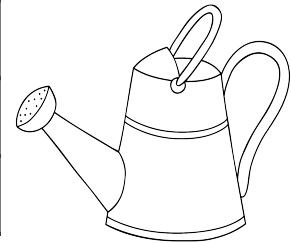


_____ units



5
4
3
2
1

_____ units

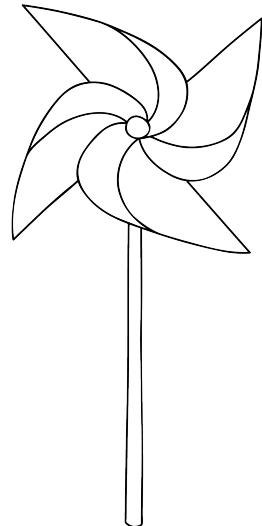


_____ units

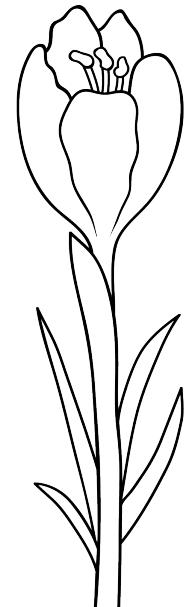


10
9
8
7
6
5
4
3
2
1

_____ units

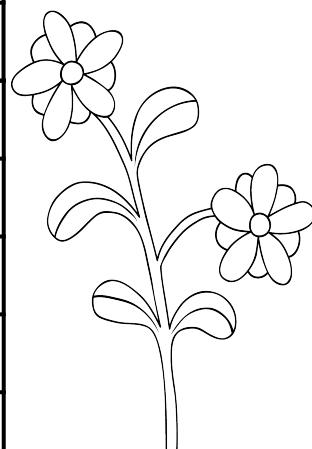


_____ units



10
9
8
7
6
5
4
3
2
1

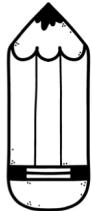
_____ units



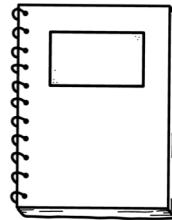
_____ units

Measurement

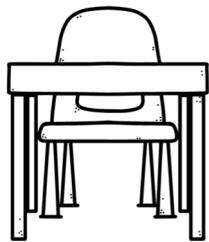
Find these items and measure how tall they are with a ruler or another unit of measurement.



pencil



notebook



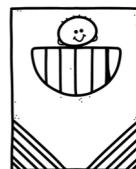
chair



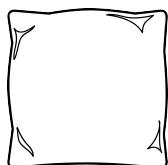
family member



scissors



crayon box



pillow



stick

Measurement

Find these items and measure how tall they are with a ruler or another unit of measurement.



sock



clock



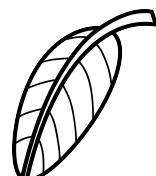
brush



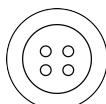
block



rock



leaf



button



lamp