McLean School

Summer Math Assignment

Rising Grade 1

Dear Mathematician,

Happy Summer!

Welcome to your Summer Math Assignment. Please try your best to complete a little bit each week. We recommend completing four pages a week over the course of the summer months. The first section of the workbook should feel like a review. There are no new concepts, only old friends from this past year of learning. This is your opportunity to shore up your skills and get a bit of extra practice. To help freshen your memory, there are teaching pages that provide step-by-step guidance and examples. The second section provides optional extension activities for more challenging work. In the third section, you will find games to play over the summer. The final section has templates and graph paper to use if you need them.

First, try solving the problems on your own. If you need help, you may ask someone to help you solve the problem. Always show your work - even if you did the math in your head!

Some of these exercises will feel easier than others. Remember to persevere, explore, make mistakes, and grow your brain. You can do it!

Be gentle with yourself, mathematician. Take your time as you complete this workbook. Please return this workbook to your homeroom teacher by Friday, September 12. If you have questions, please contact Michelle FitzGerald, Coordinator of Learning Services and Assistant Head of Lower School, at mfitzgerald@mcleanschool.org.

Mrs. Peters will be available on GoogleMeet on the following dates to answer specific questions..

Math Packet Q & A
Thursday, June 26 · 10:00 – 11:00am
https://meet.google.com/cmw-nazn-dqd

Wednesday, July 23 · 4:30 – 5:30pm
https://meet.google.com/mev-wbpk-scn

Monday, August 25 4:00 - 5:00pm
https://meet.google.com/pyt-hmig-sva

See you in September and have a fabulous, Mathematical Summer!

Mrs. Peters
K-4 Math Specialist

Circle the numbers that are less than 5.

2 4 3 1

6 8 9

0 5 7

Compare and color.

8 is | greater than / the same as / less than | 4.

9 is | greater than / the same as / less than | 9.

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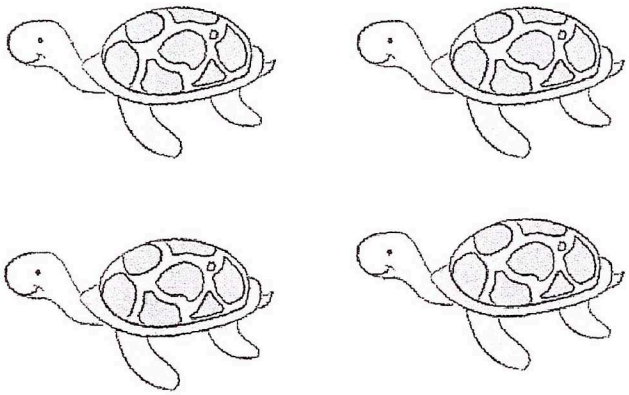
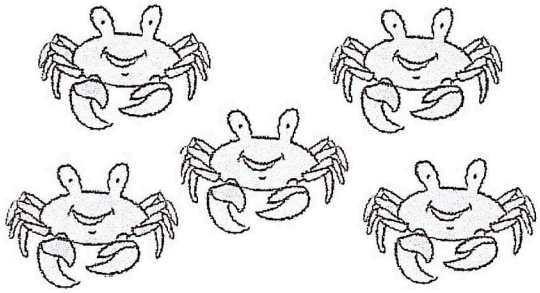
Write each number.
Circle the group that has 1 more.

10





Fill in each blank.

11 _____ is 1 more than 4.

12 _____ is 1 less than 5.

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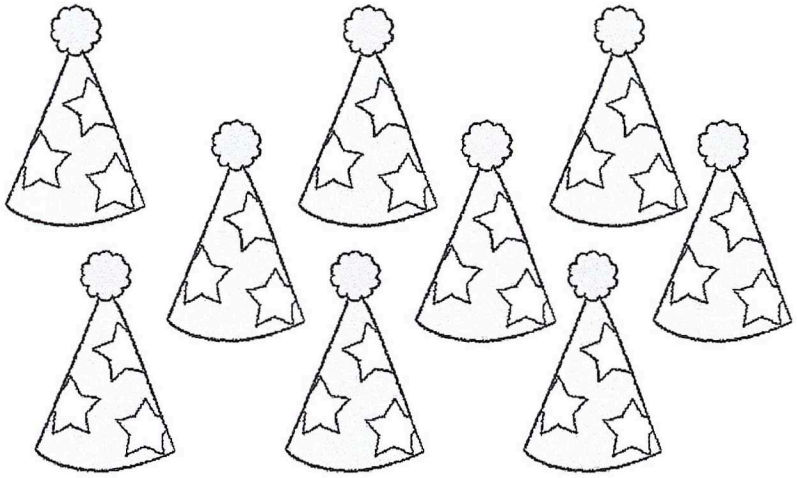
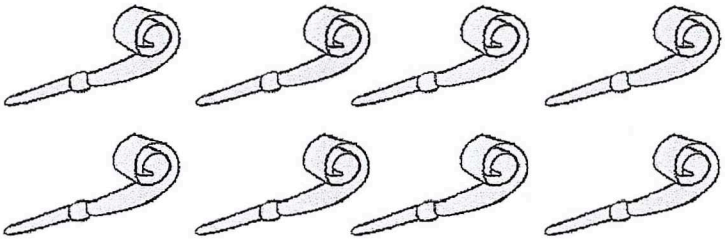
Write each number.
Circle the group that has 1 less.

13





Fill in each blank.

14 1 less than 9 is _____.

15 _____ is 1 less than 9.

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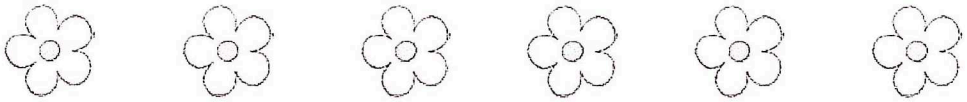
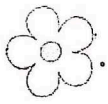
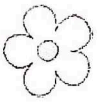
Count.
Write.
Draw.

16



a There are ☐  .

b Draw  to show 1 more.

c How many did you draw? ☐

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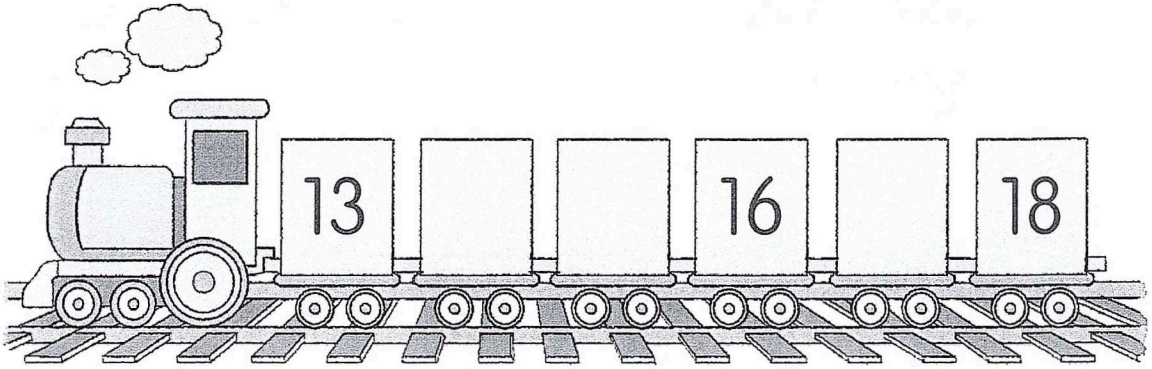
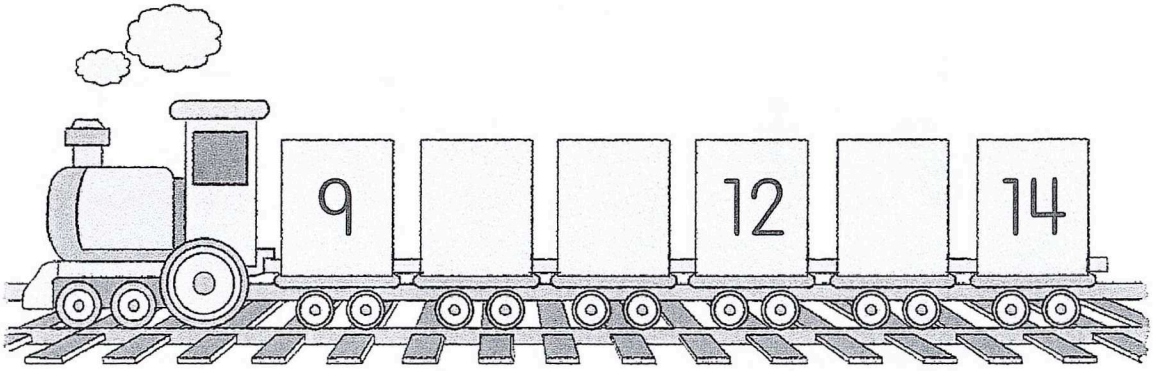
4



5



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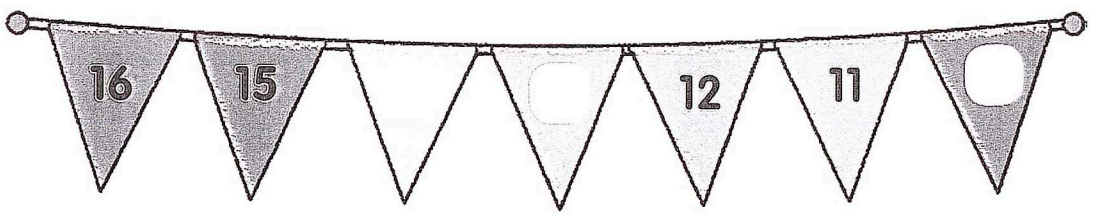
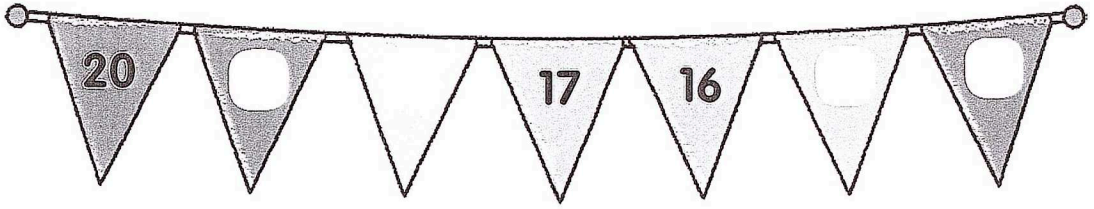
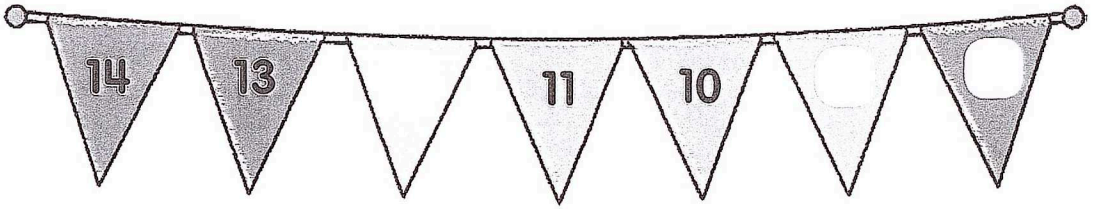
7



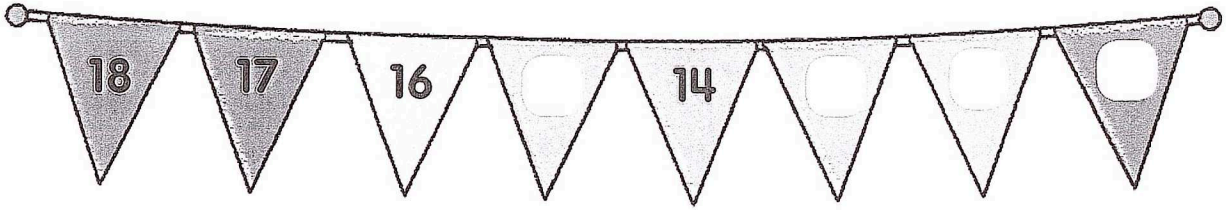
8



9



10



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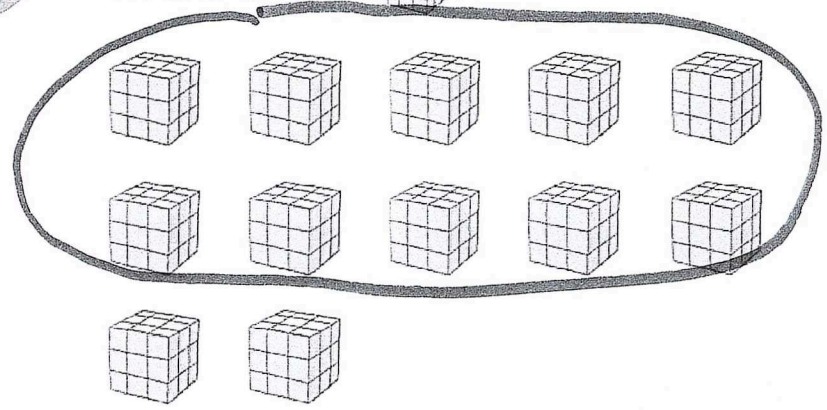
Activity 5 Take Apart Numbers to 20

Circle to make a 10.
Fill in each blank.

1 There are 12 .



12 is 10 and 2.

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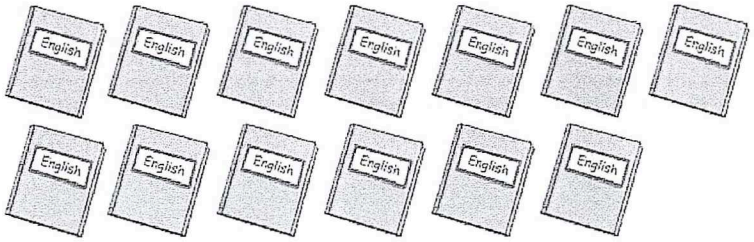
2 There are 13 .



13 is _____ and _____.

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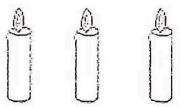
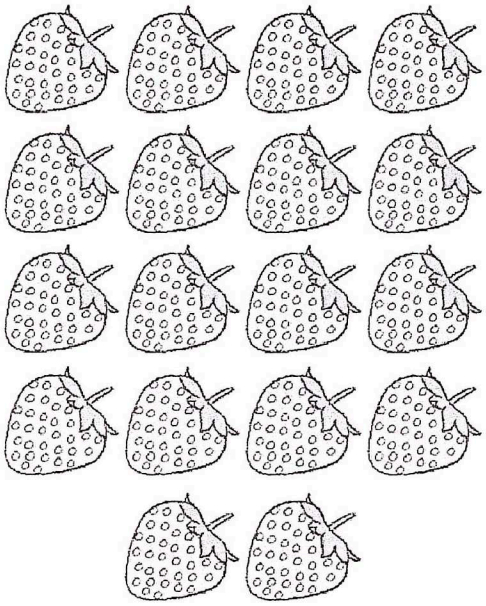


15 is _____ and _____.

4

There are 18 .



18 is _____ and _____.

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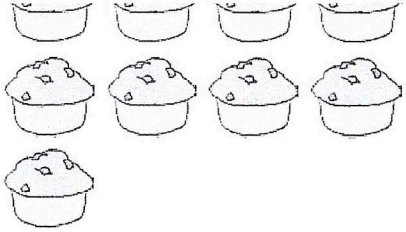
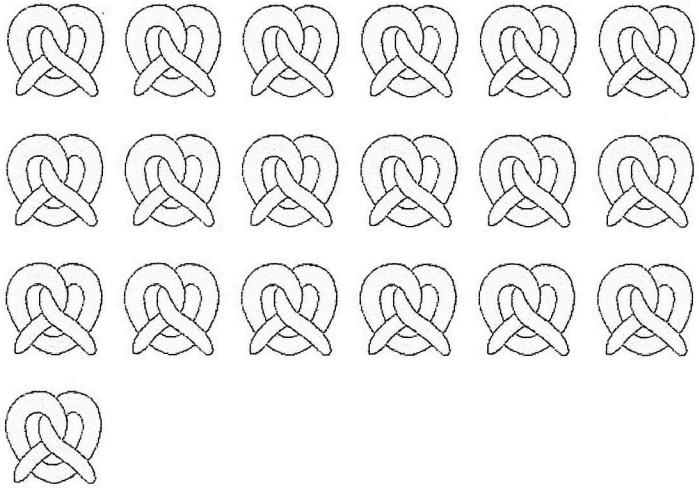


17 is _____ and _____.

6



19 is _____ and _____.

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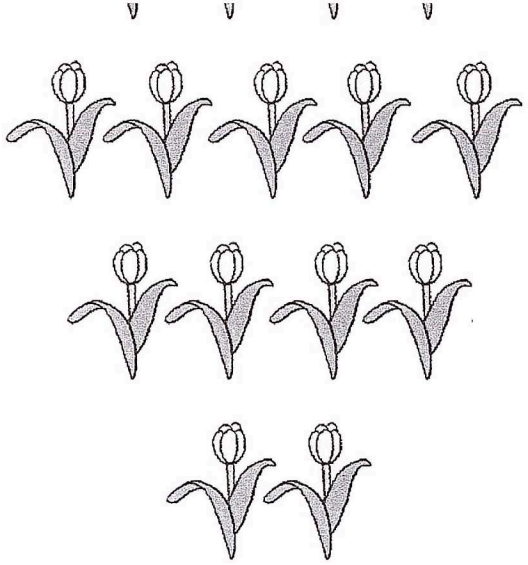

20 is _____ and _____.

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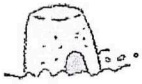
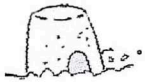
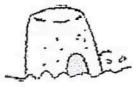
Activity 1 Addition Stories

Use each picture to make an addition story. Fill in each blank.

1

Adam builds 3  .

Sarah builds _____  .

Adam and Sarah build _____  in all.

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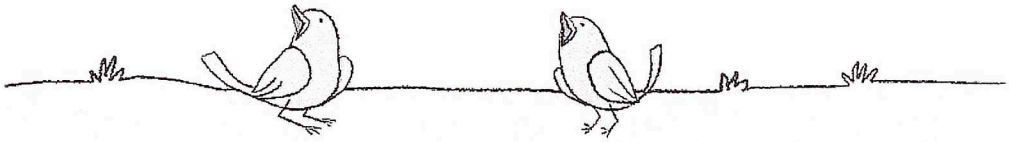

_____ are on the ground.

_____ join them.

There are _____ in all.

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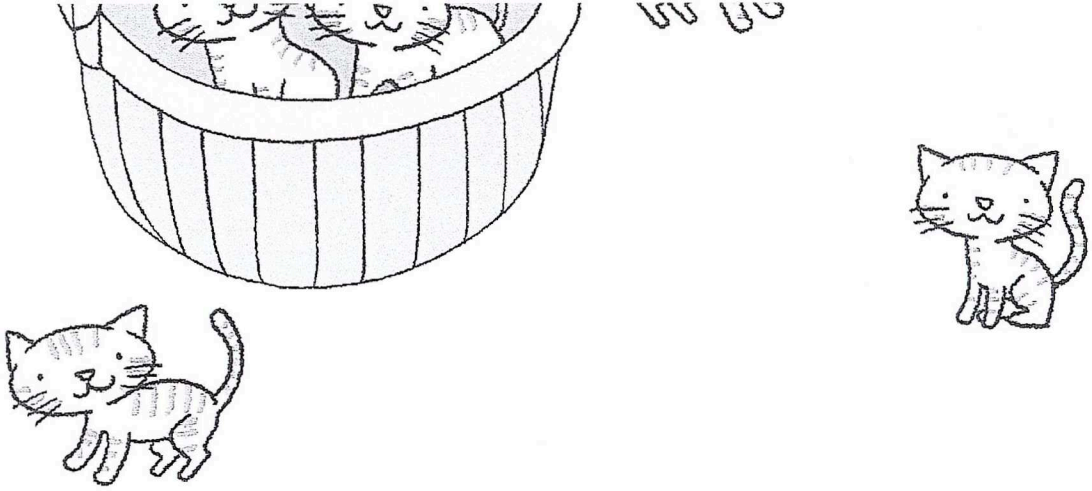

_____ are in the .

_____ are **not** in the .

There are _____ in all.

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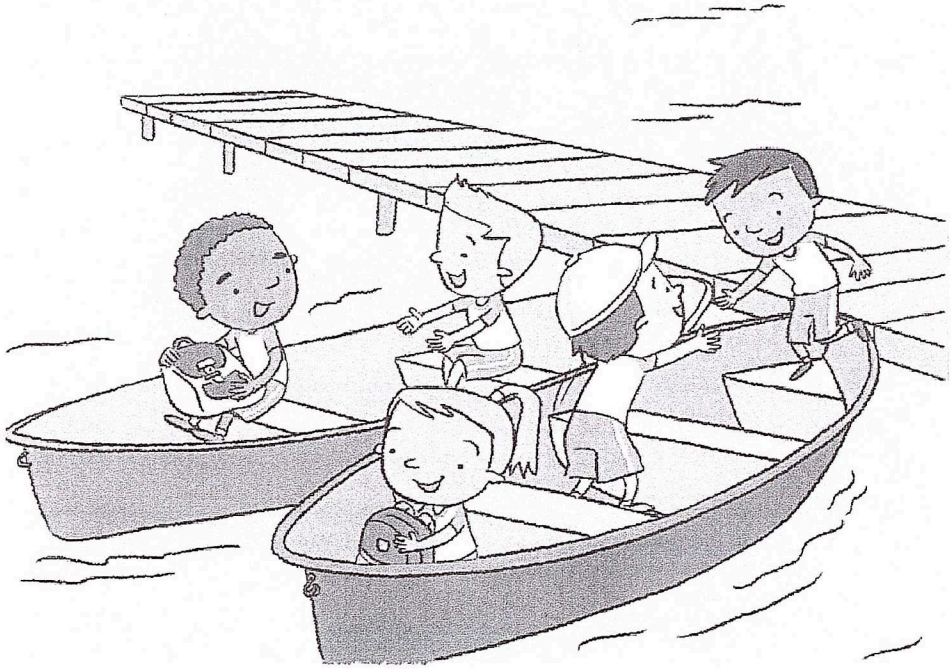
Activity 5 Addition Sentences

Solve.
Fill in each blank.

1

4 children are on the boats.
1 boy is getting onto the boat.
How many children are there in all?



4 + _____ = _____

There are _____ children in all.

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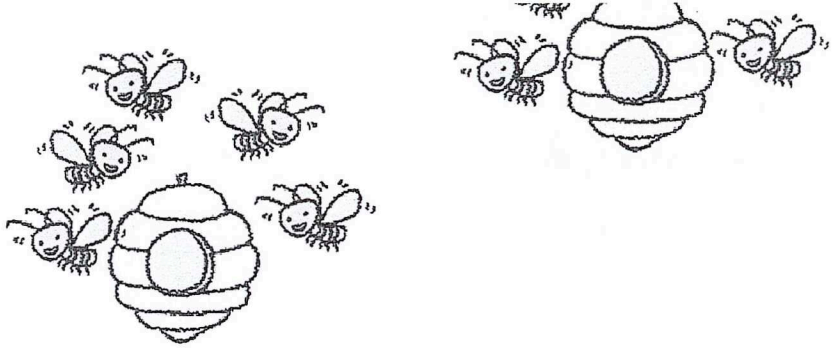
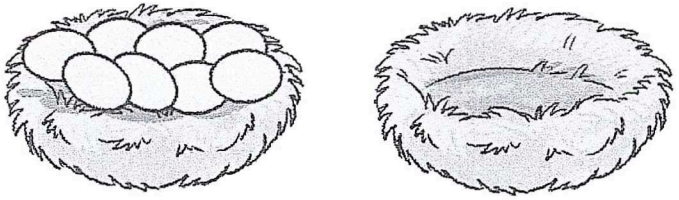


5 + _____ = _____

There are _____ bees in all.

3

One nest has 8 eggs.
The other nest has none.
How many eggs are there in all?



_____ + _____ = _____

There are _____ eggs in all.

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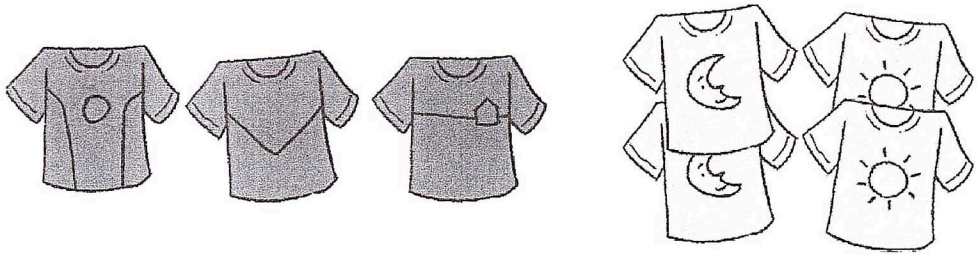
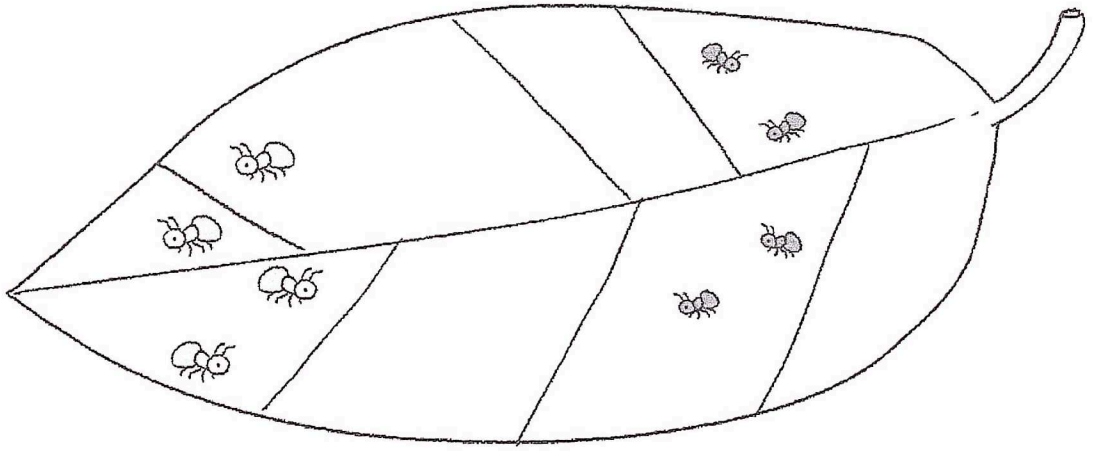
How many T-shirts does Thomas have in all?



_____ ◯ _____ ◯ _____

Thomas has _____ T-shirts in all.

There are 4 big ants on a leaf.
There are 4 small ants on the leaf.
How many ants are there on the leaf in all?



_____ ◯ _____ ◯ _____

There are _____ ants on the leaf in all.

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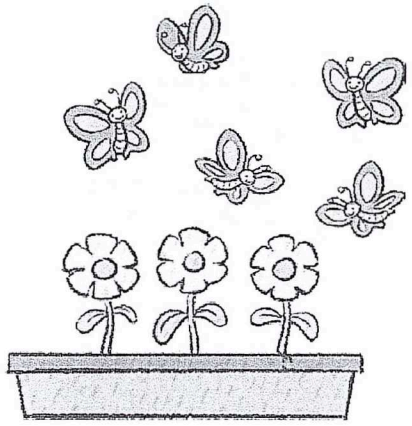
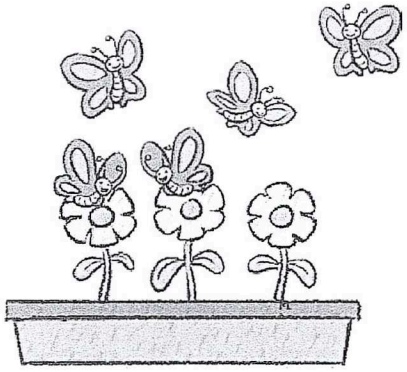
Activity 1 Subtraction Stories

Use the pictures to make a subtraction story. Fill in each blank.

1



There are _____ flying over the .



_____ rest on the .

There are _____ left flying over the .

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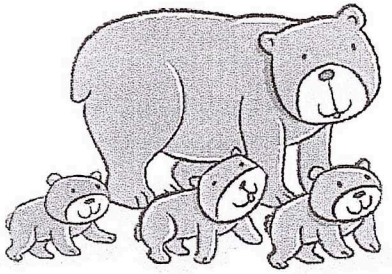
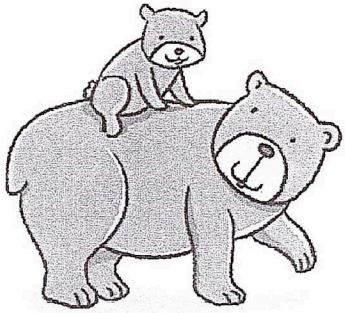
There are _____ .





_____ walk away.

There are _____ left.

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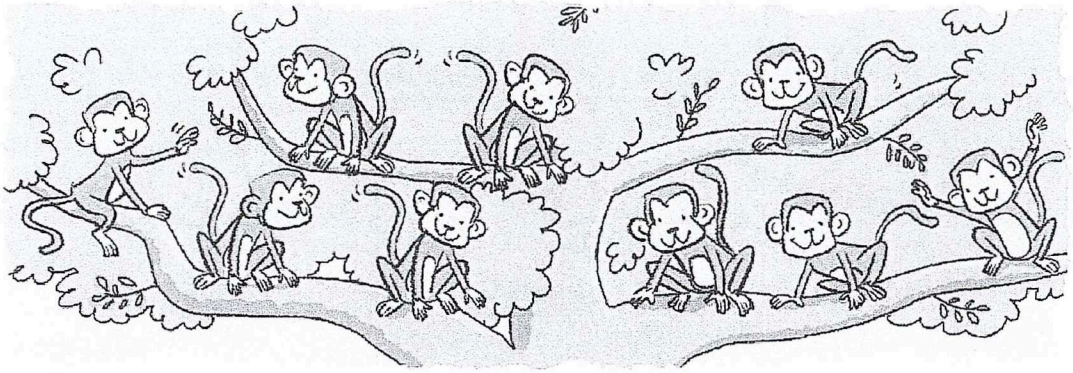
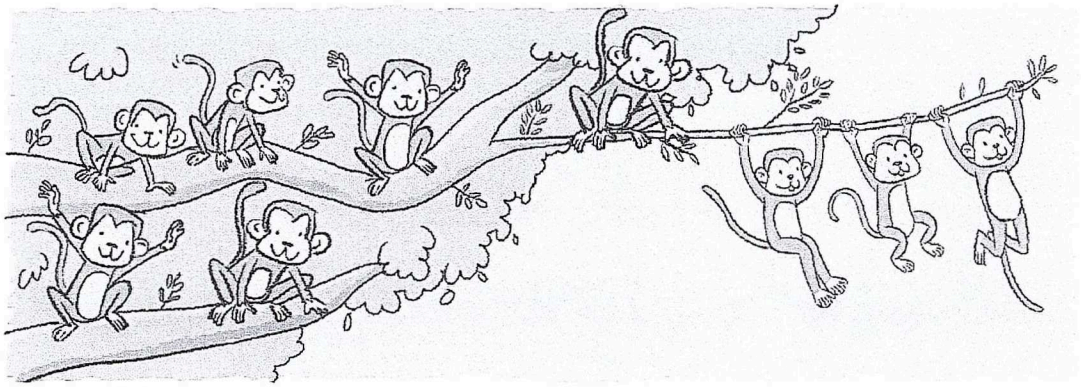
3



There are _____ in the tree.



_____ swing away.

There are _____ left in the tree.

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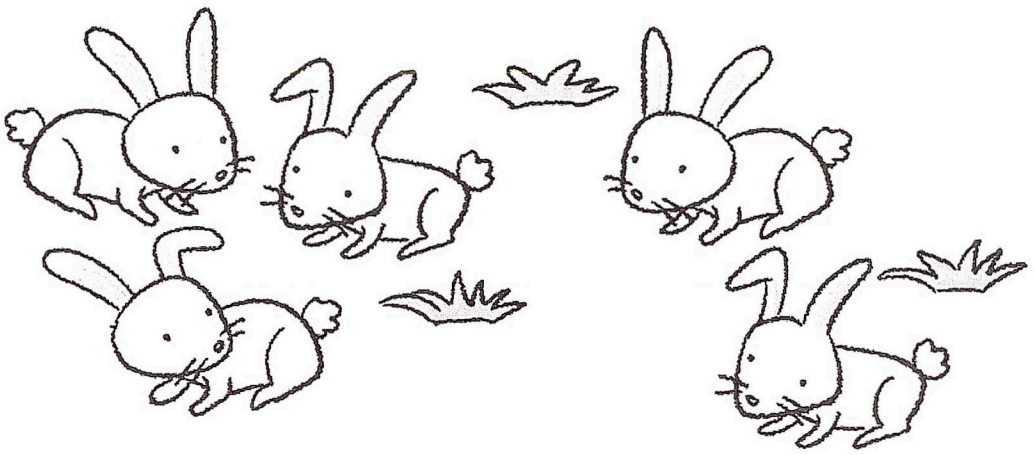
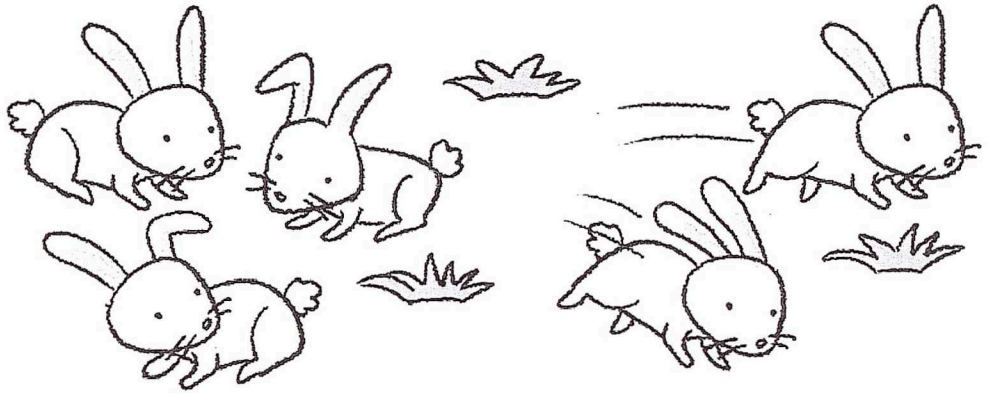


There are _____ .



_____ hop away.

There are _____ left.

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Name: _____ Date: _____

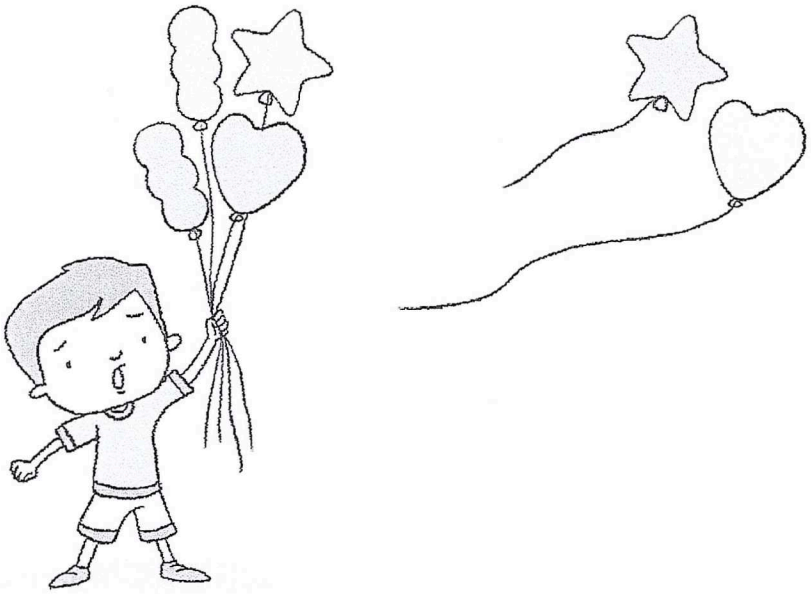
Chapter 8

Extra Practice and Homework
Subtraction

Activity 5 Subtraction Sentences

Solve.
Fill in each blank.

1 Alan has 6 balloons.
2 balloons fly away.
How many balloons are left?



Alan

6 – _____ = _____

_____ balloons are left.

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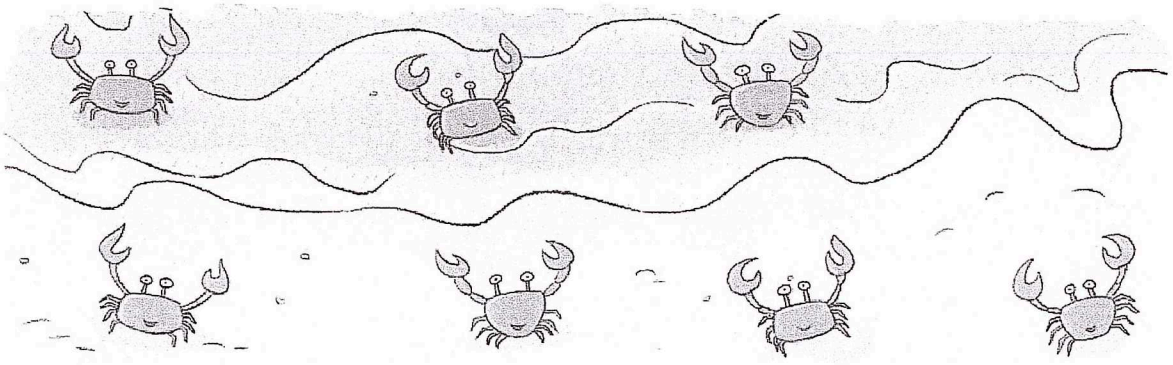
2

There are 7 crabs.
3 crabs are in the water.
How many crabs are **not** in the water?

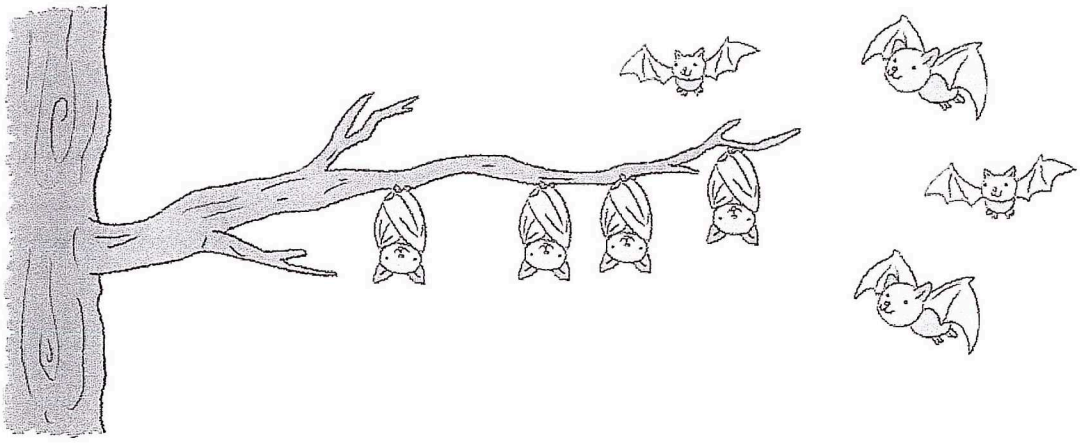


7 – _____ = _____

_____ crabs are **not** in the water.

3

There are 8 bats.
4 bats are flying.
How many bats are hanging in the tree?



8 – _____ = _____

_____ bats are hanging in the tree.

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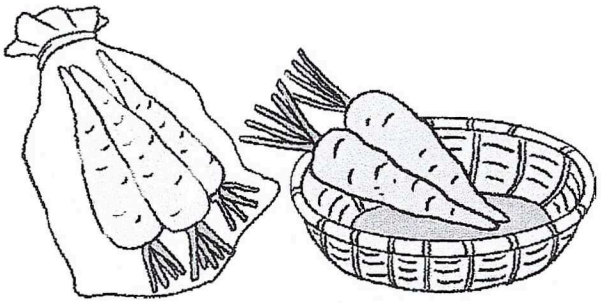
4 There are 5 carrots in a basket.
Ms. Megan packs 3 carrots in a bag.
How many carrots are left in the basket?



_____ – 3 = _____

_____ carrots are left in the basket.

---

5 Jose has 10 candles on his birthday cake.
He blows out 3 candles.
How many lighted candles are left on the cake?

10 – _____ = _____

_____ lighted candles are left on the cake.

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7

There are 8 butterflies.
2 butterflies fly away.
How many butterflies are left?

_____ – _____ = _____

_____ butterflies are left.

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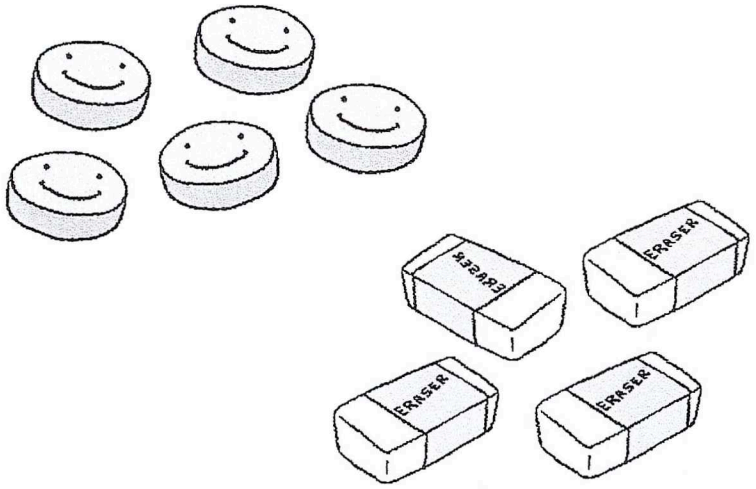
8

There are 9 erasers in all.
5 erasers are round.
How many erasers are **not** round?



_____ – _____ = _____

_____ erasers are **not** round.

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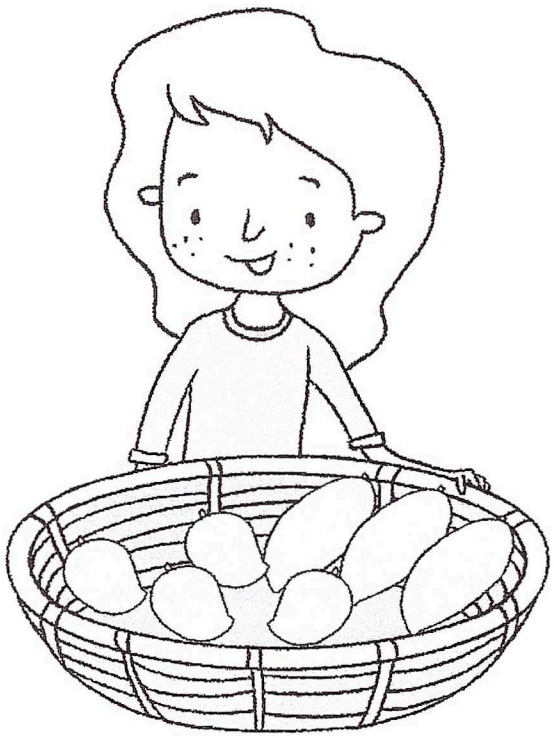
9 Ms. Hall buys 7 mangoes.
4 mangoes are small.
How many mangoes are big?



_____ – _____ = _____

_____ mangoes are big.

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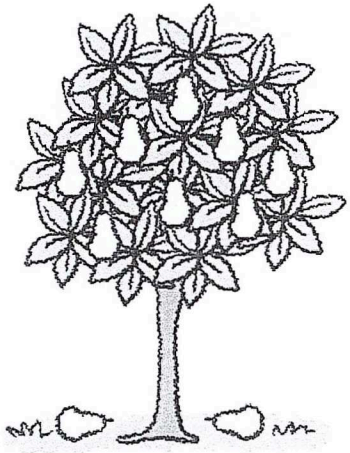

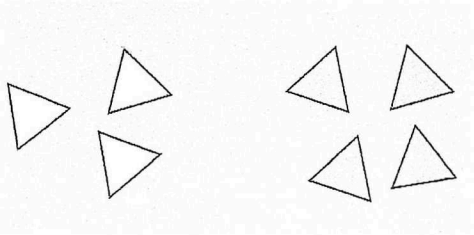

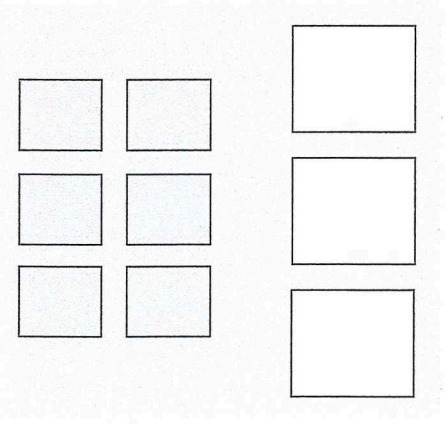

- $8 - 0 = 8$
- $9 - 3 = 6$
- $10 - 2 = 8$

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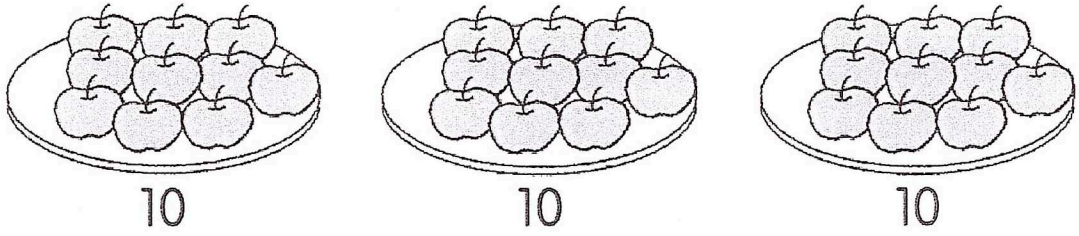
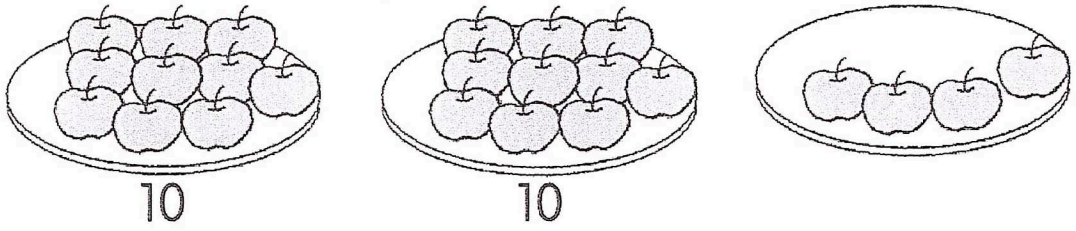
Activity 3 Numbers 51 to 100

Count on by groups of 10.
Next, count on.
Then, color the box with the correct number.

1





50	54	60

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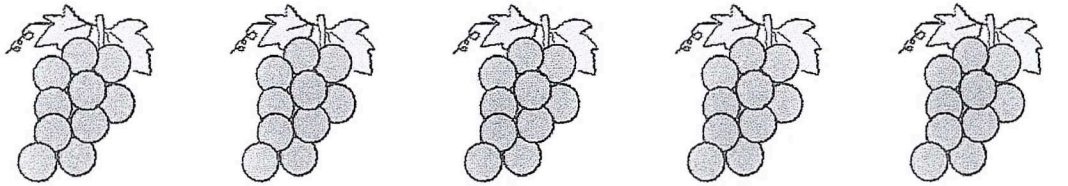
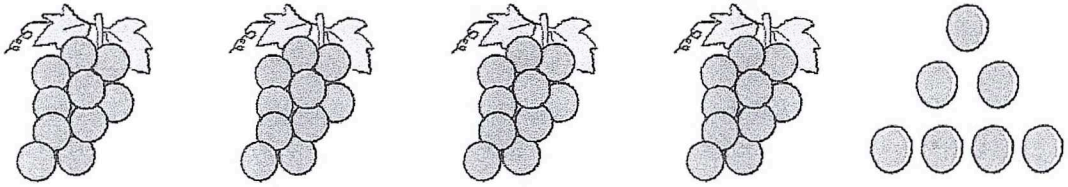
10 10

66 63 60

3





100 98 97

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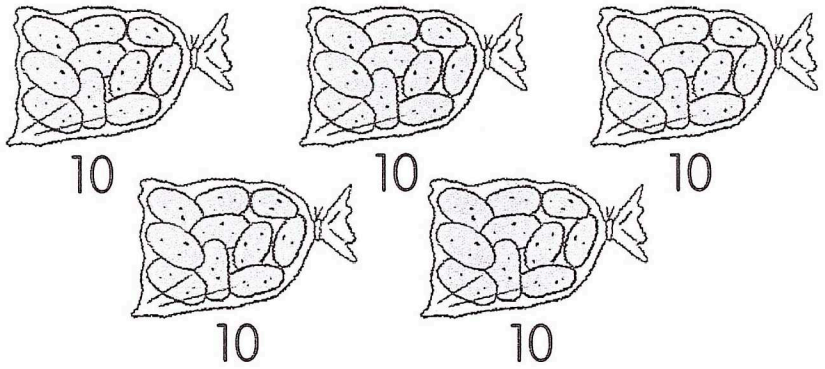
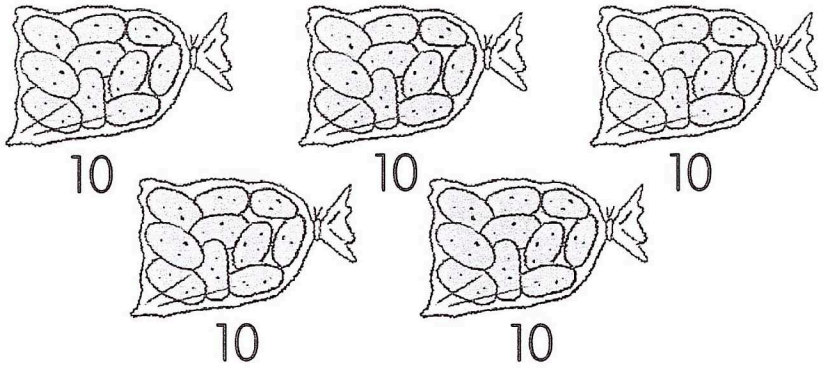
10 10

51 50 41

5





80 90 100

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Use the hundred chart to count.

9

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	100

a Count on from 51 to 75. Color [75] blue.

b Count back from 100 to 83. Circle [83].

c Count on from 79 to 87. Make an ✗ on [87].

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Count on or count back.
Circle the correct number.

10 85, 86, 87, 88, 84 / 89 / 90

11 78, 79 / 76 / 75, 80, 81, 82, 83

12 94 / 90 / 100, 99, 98, 97, 96

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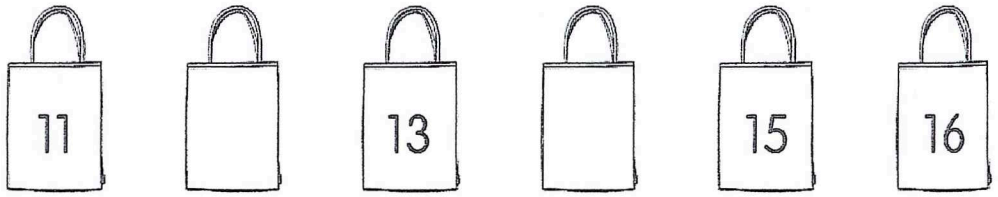
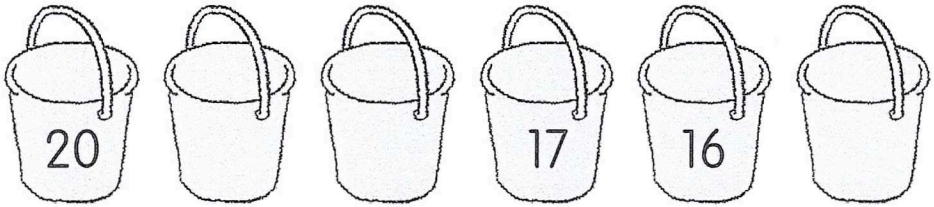
Activity 4 Number Patterns

Count.
Complete each number pattern.

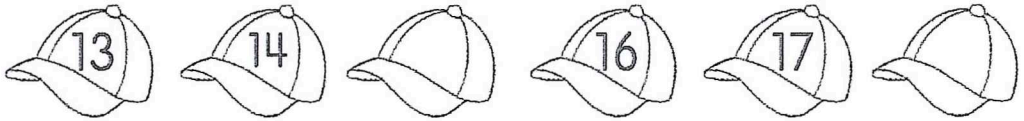
1



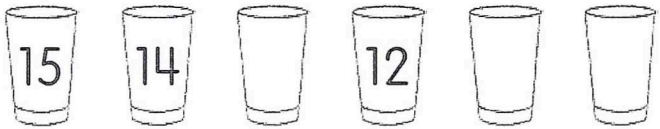
2



3



4



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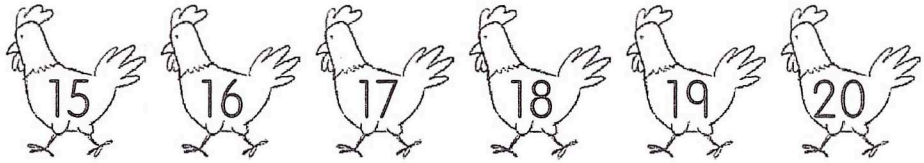
12
14

comes right before 13.

6



17
19

comes right before 18.

17
19

comes right after 18.

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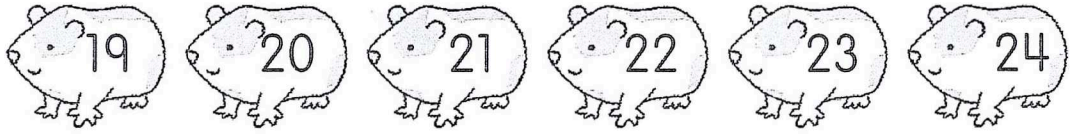
1 less than 27 is $\begin{array}{|c|}\hline 28 \\ \hline 26 \\ \hline \end{array}$.

1 more than 27 is $\begin{array}{|c|}\hline 28 \\ \hline 26 \\ \hline \end{array}$.

8



$\begin{array}{|c|}\hline 22 \\ \hline 24 \\ \hline \end{array}$ is 1 less than 23.

$\begin{array}{|c|}\hline 22 \\ \hline 24 \\ \hline \end{array}$ is 1 more than 23.

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10

10			13	14	

11

17	16	15		13	

12

20	19			16	

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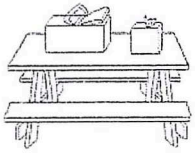
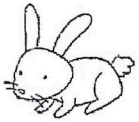
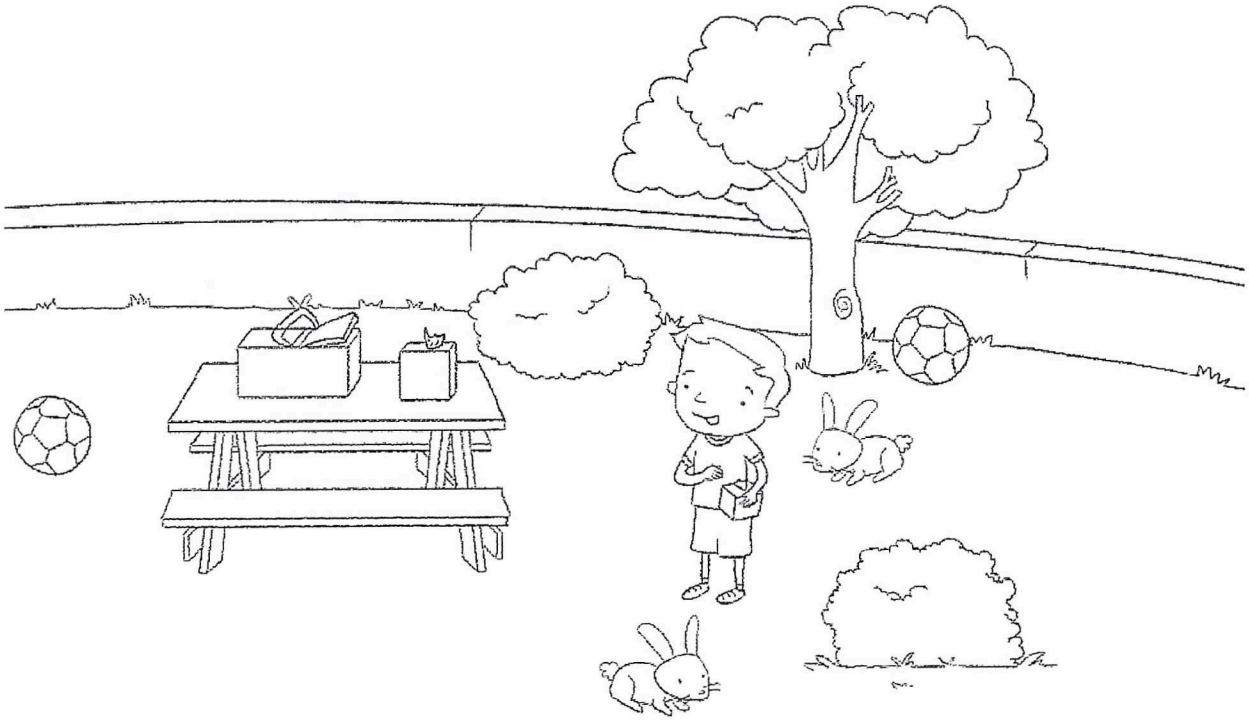
Activity 3 Positions

Color.

1 a the **beside** the

b the **behind** the 

c the  **in front of** the



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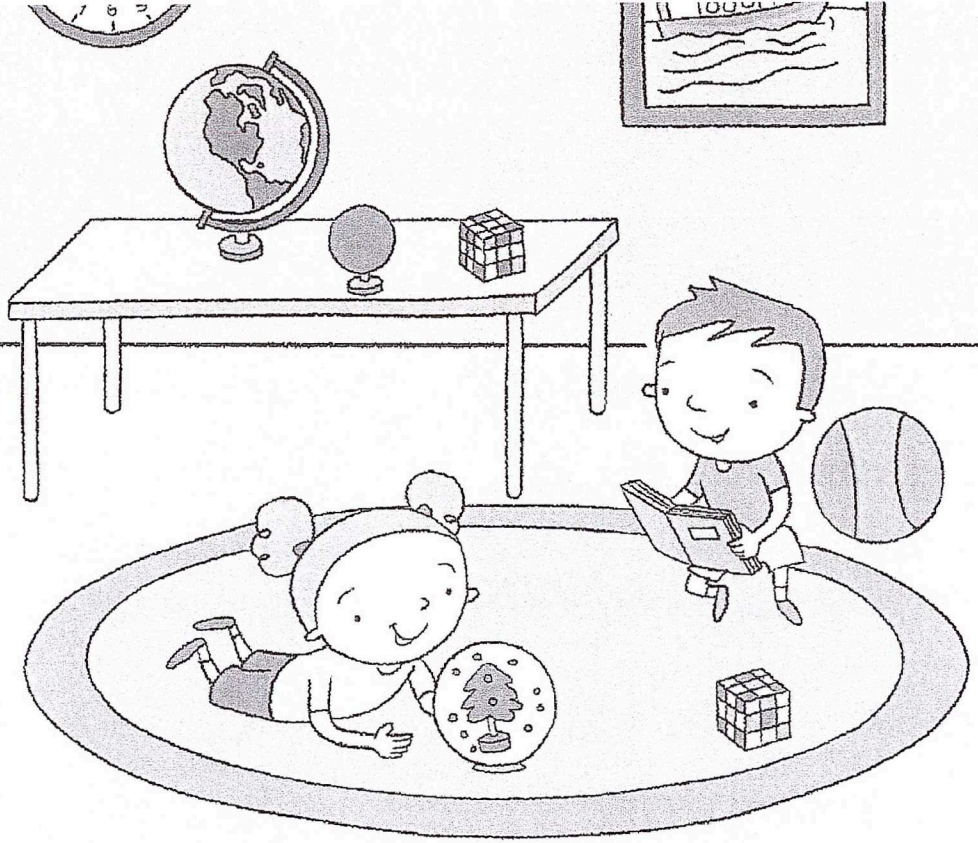
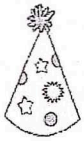
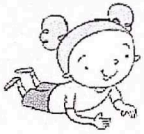
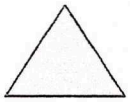
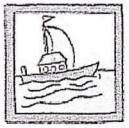


7 Draw a  **beside** the  .

What is its shape?

cylinder	cone

8 Draw a  **above** the  .

What is its shape?

circle	triangle

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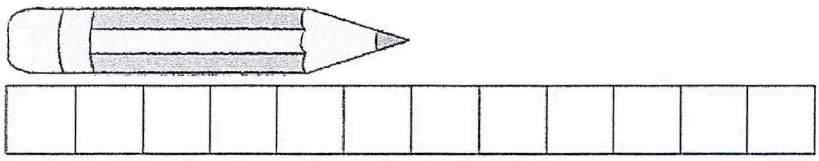
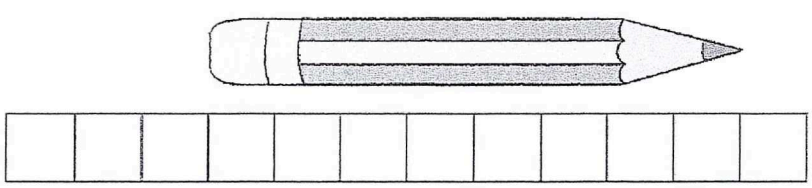
Color the ☐ to show the lengths.

7

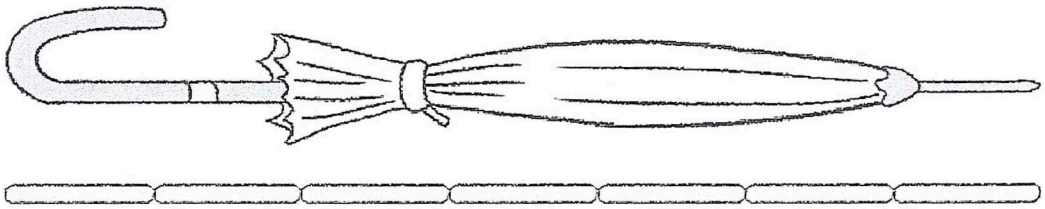


8



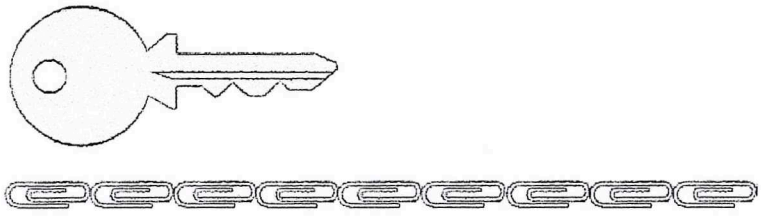
Count the ▭ or 🖇.
Fill in each blank.

9



The umbrella is about _____ ▭ long.

10



The key is about _____ 🖇 long.

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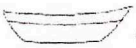
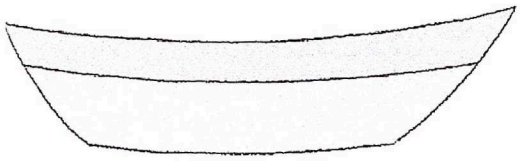
Draw a line that is shorter than the  .

5



Draw a line that is as long as the .

6

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Name: _____ Date: _____

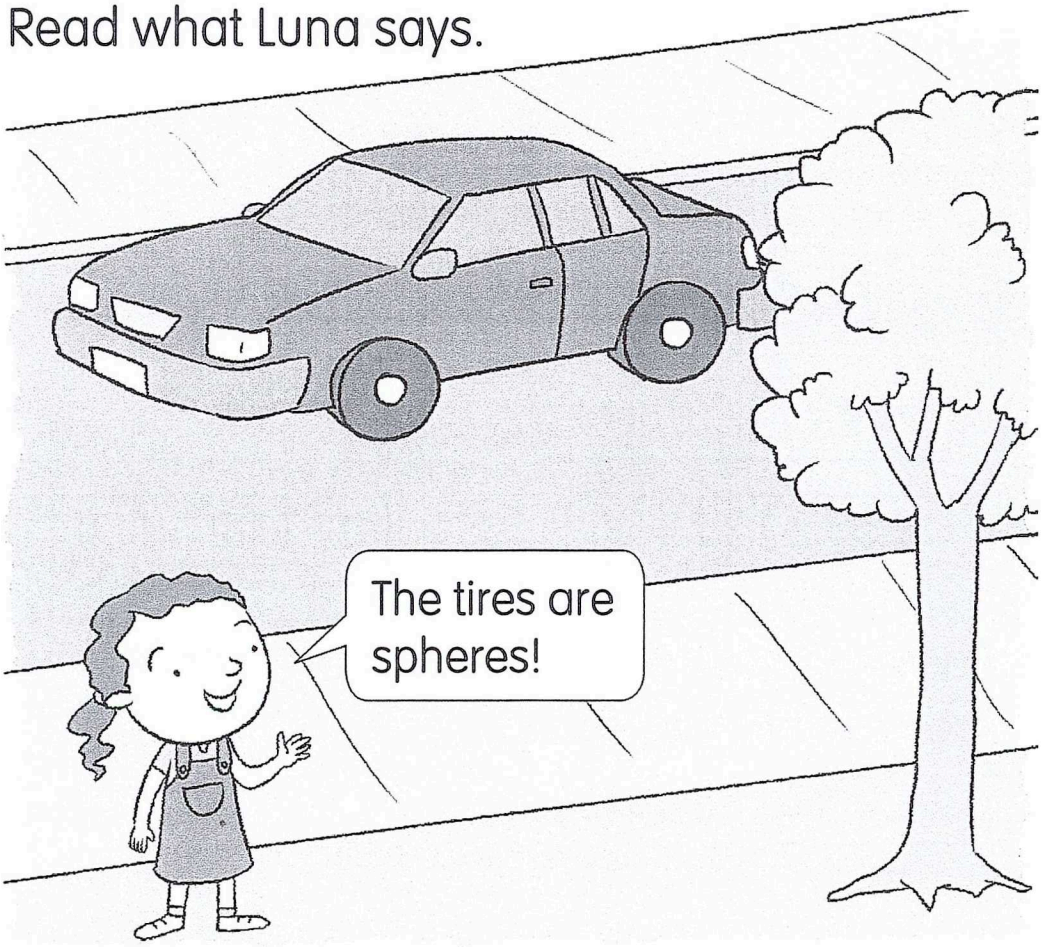
Chapter 5

Enrichment
Flat and Solid Shapes

Activity 5 Compare Flat and Solid Shapes

Answer the question.

1 Look at the picture.
Read what Luna says.



Luna

Do you agree?
Why? Why not?

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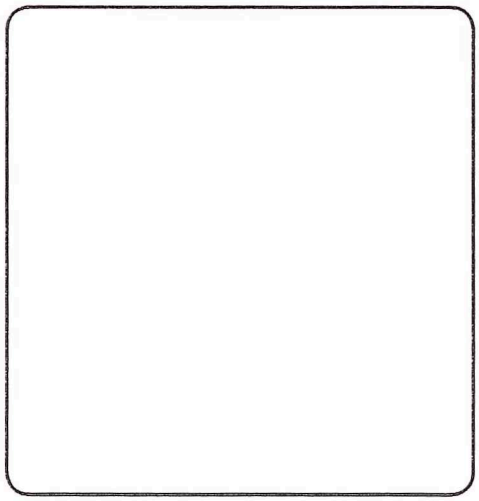
Draw.
Compare.
Answer each question.

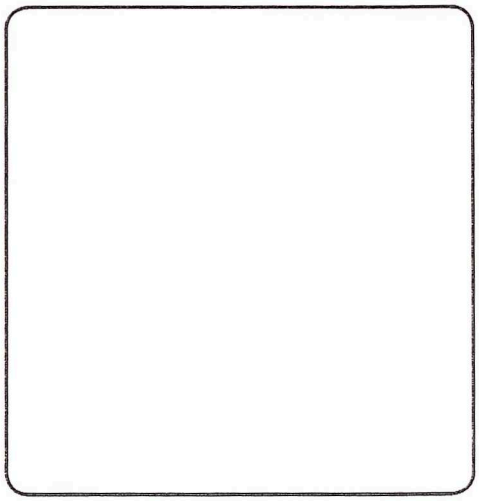
2 a Draw 2 shapes with corners.
Count the sides for each shape.
Color the box to show how many.

Shape 1



0	1	2	3	4	5

Shape 2



0	1	2	3	4	5

b Compare your shapes with your partner.
Are they the same?

_____

c Guess the number of sides a shape with 6 corners has.

_____

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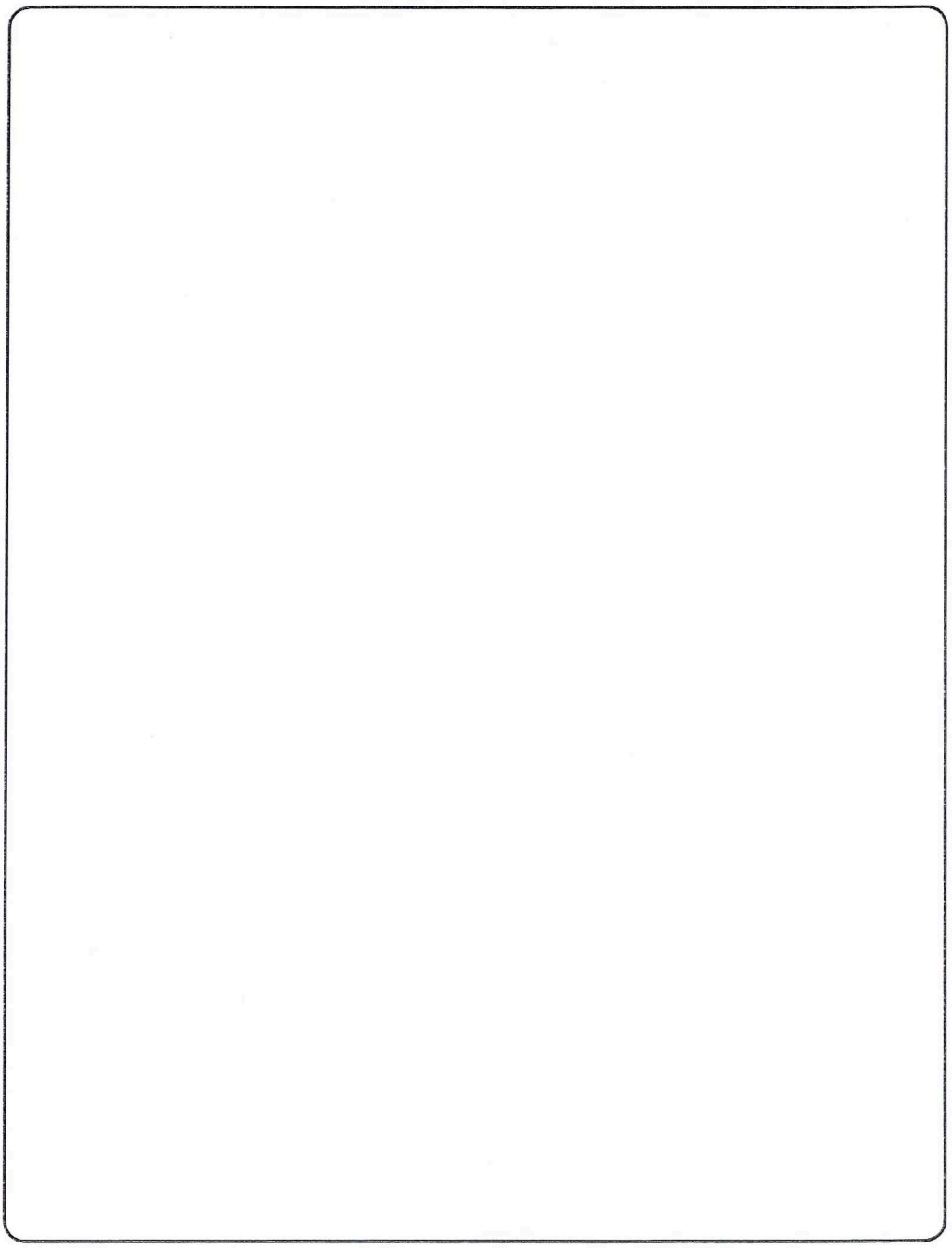
d Draw a shape with 6 corners.



The shape has _____ sides.

Is your guess in c correct? _____

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Answer each question.

3 Look at the picture.
Read what Kayla says.

Kayla

a Do you agree?
Why? Why not?

b Read the words below.
Circle the shape Kayla is holding.

cylinder	circle	cone	sphere

c Read the words below.
Circle the shape that has 2 flat sides.

cylinder	circle	cone	sphere

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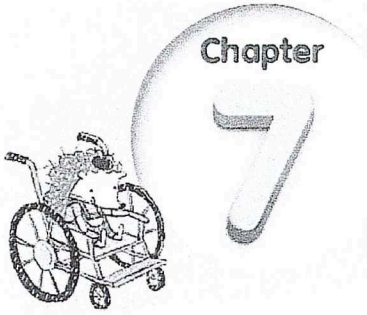
Name: _____ Date: _____



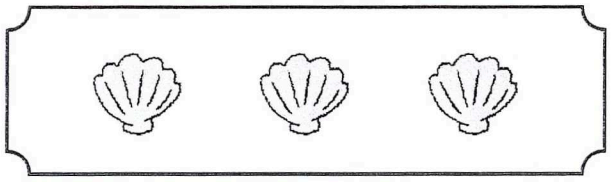
Enrichment
Addition

Activity 5 Addition Sentences

Solve.
Write an addition sentence.

1 Aria has 3 🐚.
Lola has the same number of 🐚 as Aria.

a Use ◠ to show Lola's 🐚.



Aria

Lola

b How many 🐚 do the girls have in all?

_____ ◯ _____ ◯ _____

The girls have _____ 🐚 in all.

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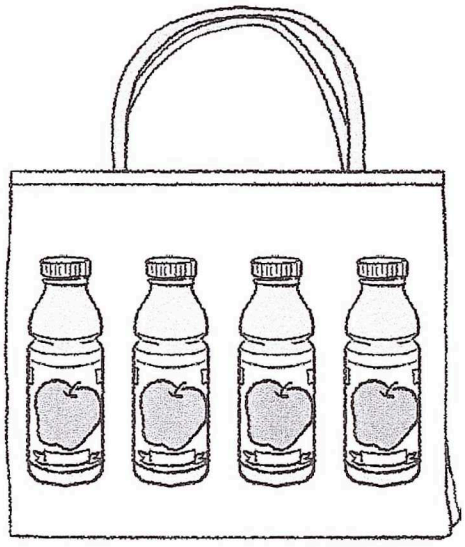
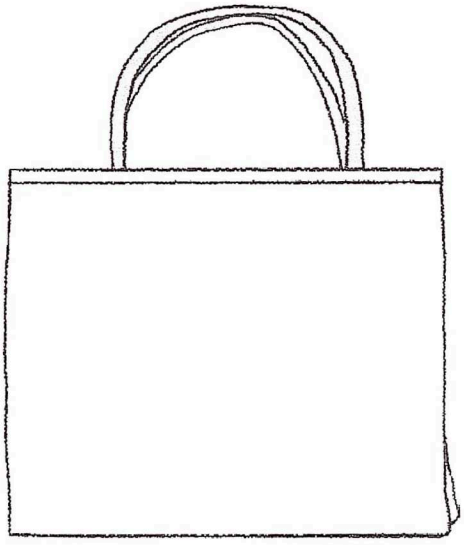
2 Ms. Gomez buys 4 .

Mr. Morgan buys 1 more than Ms. Gomez.

How many do both of them buy in all?



Ms. Gomez



Mr. Morgan

Use △ to show Mr. Morgan's .

_____ ○ _____ ○ _____

Both of them buy _____ in all.

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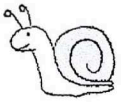
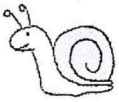
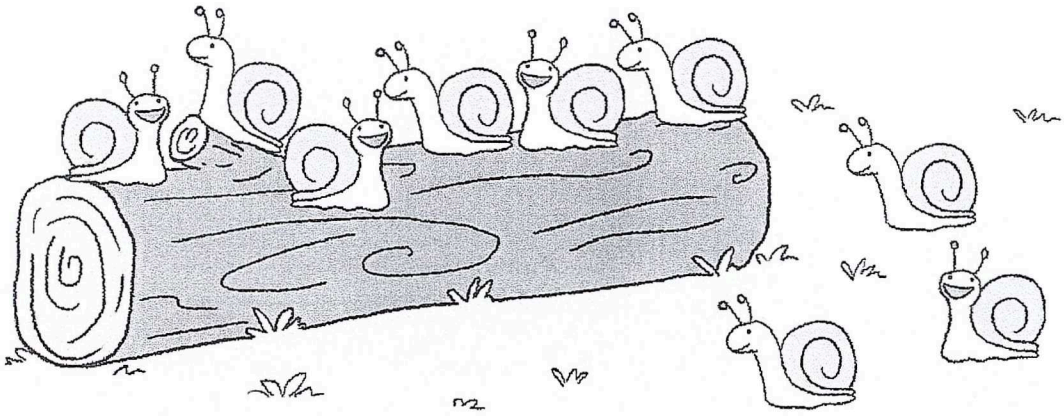
3

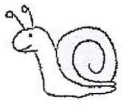
a There are 6 on the .

There are 3  on the grass.

How many  are there in all?



_____ ○ _____ ○ _____

There are _____  in all.

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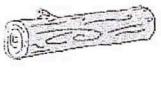
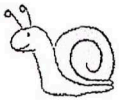
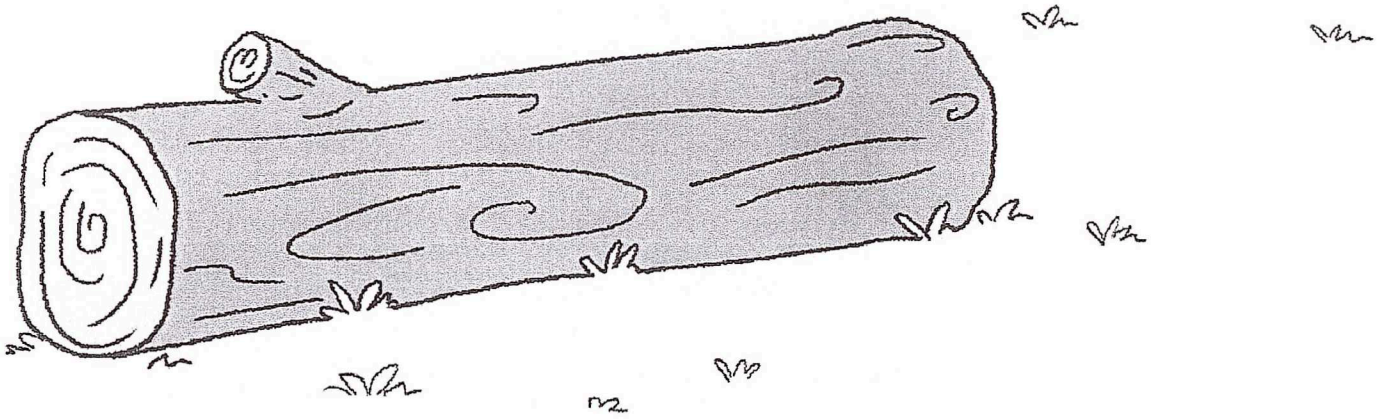
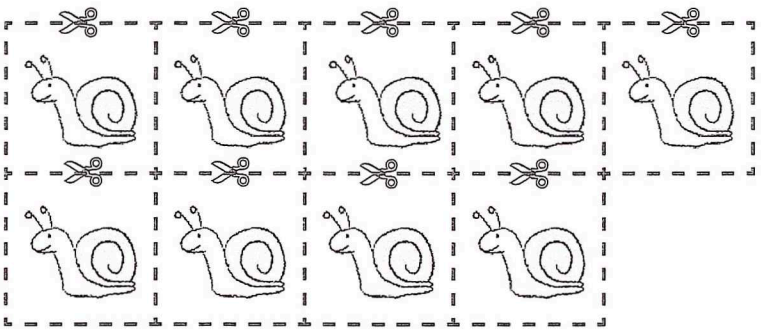
b William moves 1 from the  to the grass.

Cut out the  and glue them in the picture below.



c Write an addition sentence to show b.

_____ ◯ _____ ◯ _____



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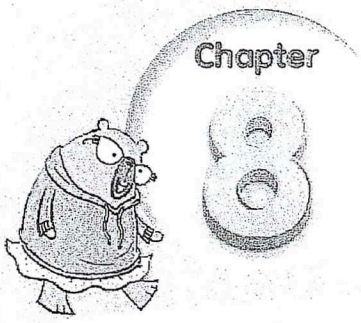
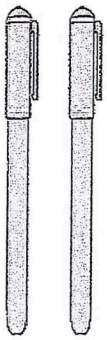


Enrichment
Subtraction

Activity 5 Subtraction Sentences

Solve.

1 Ian has 9 pens.
He gives some pens to his friends.
He has 2 pens left.
How many pens does Ian give away?



_____ ○ _____ ○ _____

Ian gives _____ pens away.

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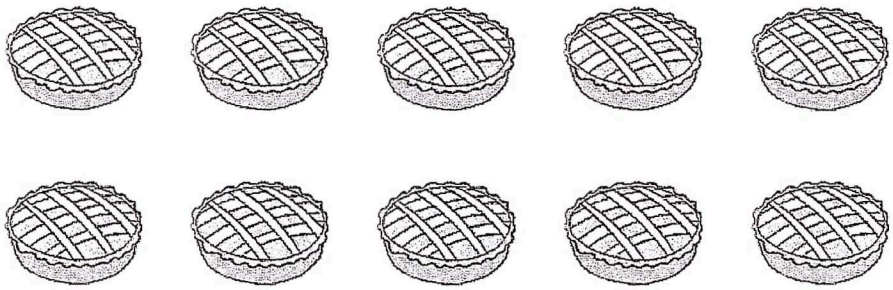
2 Mr. Sanders bakes 10 pies.
He gives 2 pies to his friend.
He gives 4 pies to his sister.

a How many pies does Mr. Sanders give to his friend and sister?



_____ ◯ _____ ◯ _____

Mr. Sanders gives _____ pies to his friend and sister.

b How many pies does Mr. Sanders have left?

_____ ◯ _____ ◯ _____

Mr. Sanders has _____ pies left.

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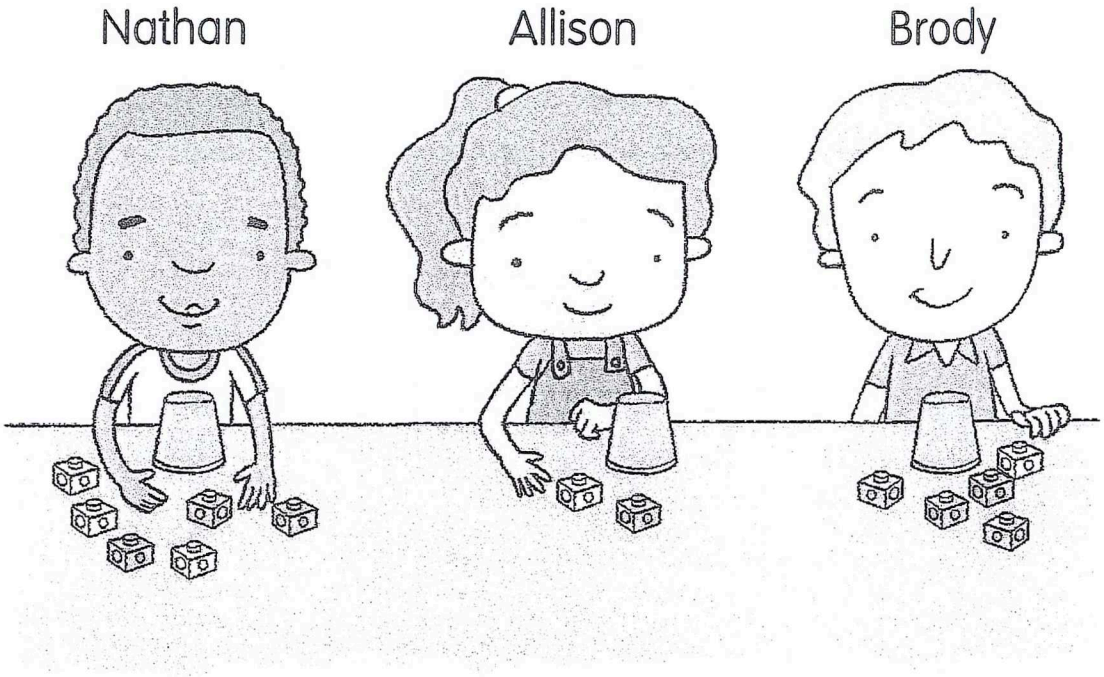
3 Three children are playing a game.
They are given a cup and 10 cubes each.
Each child hides some of their cubes.



Complete each subtraction sentence.
Fill in each blank.

a How many cubes does Nathan hide?

_____ ◯ _____ ◯ _____

Nathan hides _____ cubes.

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b How many cubes does Allison hide?

Allison hides _____ cubes.

c How many cubes does Brody hide?

Brody hides _____ cubes.

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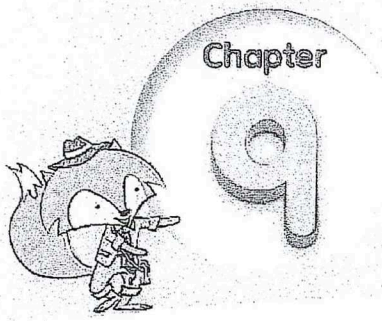
Name: _____ Date: _____

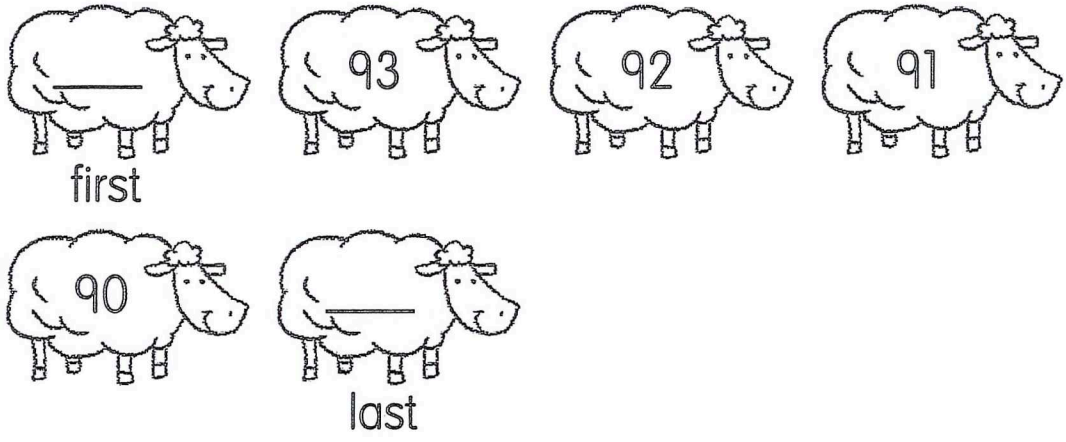


Enrichment
Numbers to 100

Activity 4 Number Patterns

Answer each question.

1 Look at the number pattern.
Color each correct box.



a What is the first number? | 96 | 94 |

b What is the last number? | 89 | 91 |

c 1 less than 91 is | 93 | 90 |.

d 1 more than 90 is | 91 | 89 |.

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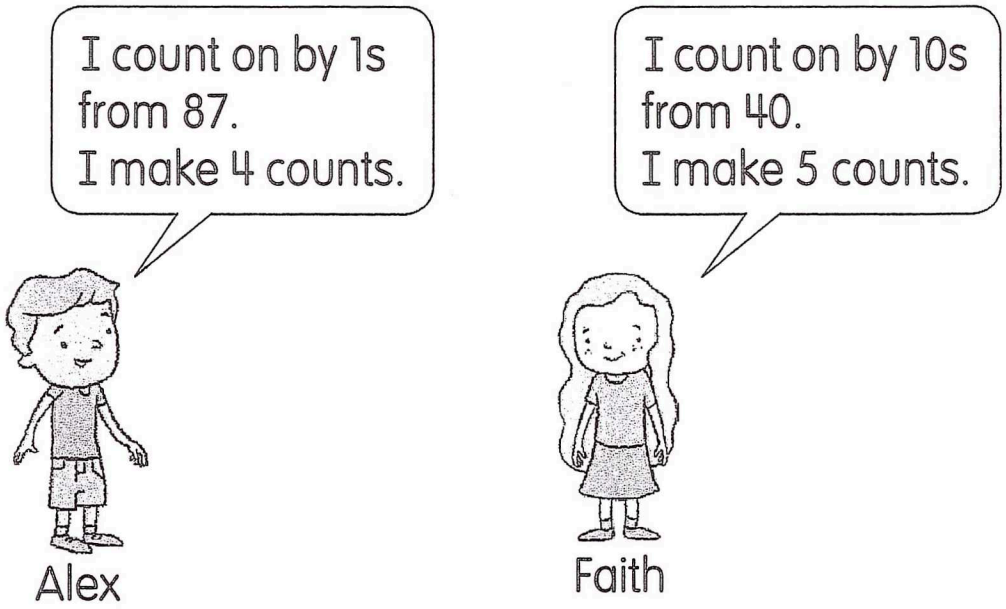
Look at the picture.
Answer each question.

2 Read what Alex and Faith say.



a Circle the number Alex counts to.

89 90 91

b Circle the number Faith counts to.

80 90 100

c Count back from 100.
How do you reach Faith's number?
Tell your partner.

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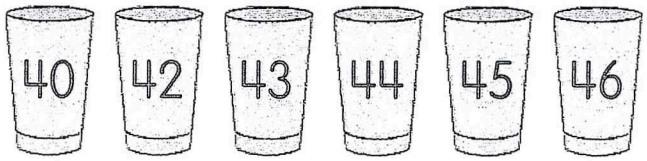
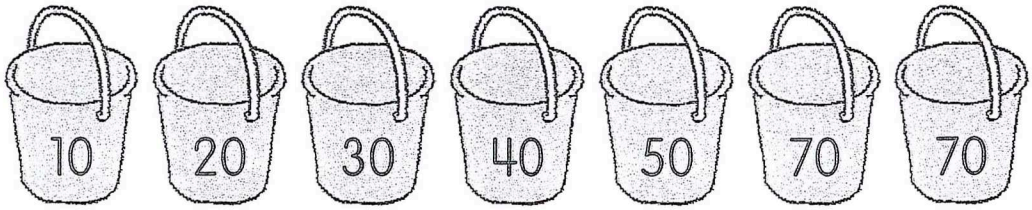
Look at the number patterns. Find the mistakes.

3 There is a mistake in each pattern. Make an ✗ on them.

a Count on by 1s.



b Count on by 10s.



c Count back by 1s.

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Tens Friends Memory

Take out face cards

Place 4 rows of 5 cards face down.

Taking turns, turn over 2 cards. If they add up to 10, take them and replace them with 2 cards from the deck. If they don't add up to 10, put them back where they were.

Keep playing until there are no more cards.

Tens Friends Go Fish

Take out face cards .

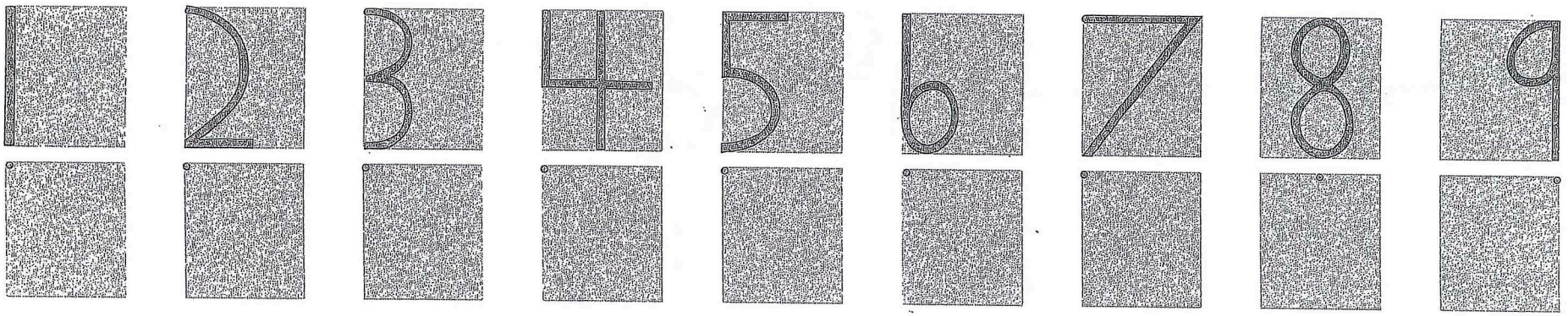
Each player gets 4 cards. The rest of the cards go in the middle "the pond".

First player asks a friend, "Do you have a _____?" They are asking for a number that would add up to ten. For example, If I have a 3, I would ask "Do you have a 7?" Because 3+7=10.

If their friend has the number they ask for, it is given to the player who asked for it and the pair is placed face up in front of them.

If their friend doesn't have the card, they say, "I don't have a _____. Go fish" They then take a card from the pile in the middle.

The game ends when all the cards are gone.



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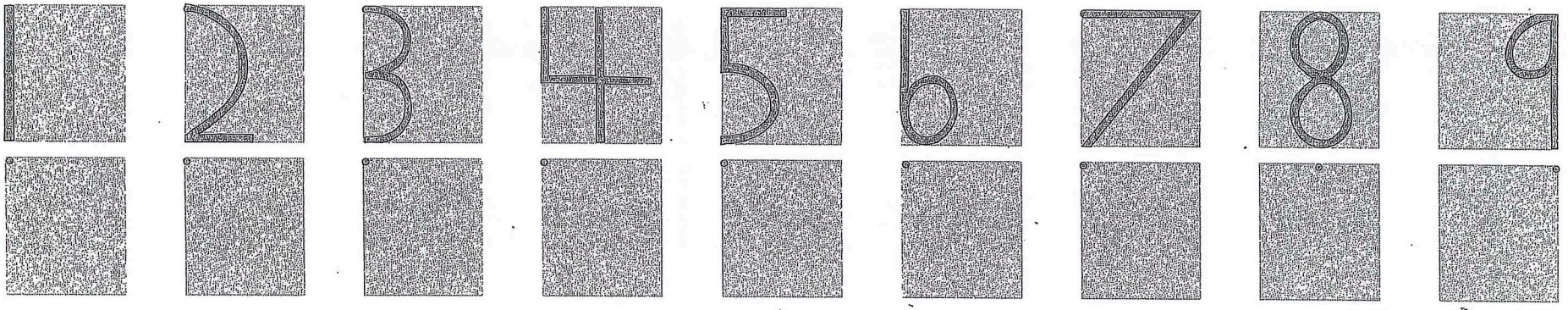

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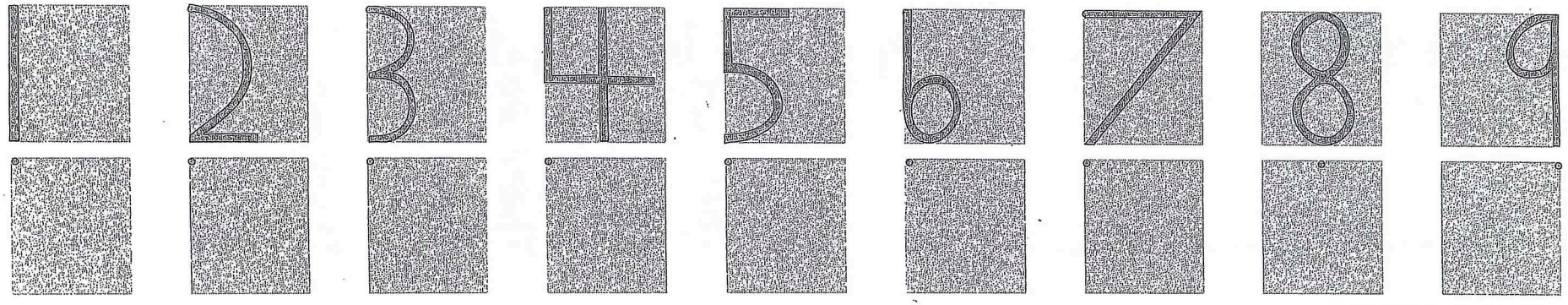

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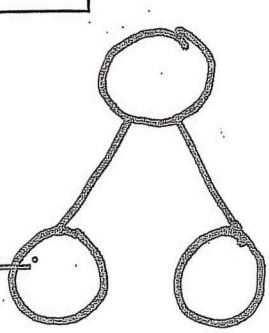
Addition Stories



There are _____ _____.

There are _____ _____.

There are _____ _____ in all.

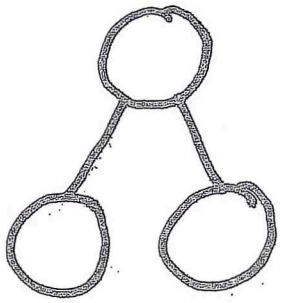
___ ○ ___ = ___

Subtraction Story

There are _____ _____.

_____ _____ ran away.

_____ _____ are left.



_____ - _____ = _____