

Name _____

Date _____

Teacher _____

Campus _____

1st grade

English

Week Six

May 4-8

Mount Pleasant ISD

The Butterfly Life Cycle

A Reading A-Z Level H Leveled Book
Word Count: 233

LEVELED BOOK • H

The Butterfly Life Cycle

Connections

Writing and Art

Draw a diagram of the butterfly life cycle. Write about each stage and what happens in between the stages.

Science

Pick two stages of the butterfly life cycle. Compare and contrast them with a partner.



**Multi
Level
H•K•N**

Written by Torran Anderson

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The Butterfly Life Cycle



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Focus Question

What is the life cycle of a monarch butterfly?

Words to Know

butterfly

mate

caterpillar

pupa

life cycle

stages

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Correlation

LEVEL H	
Fountas & Pinnell	H
Reading Recovery	13-14
DRA	14



Life Cycle of a Butterfly

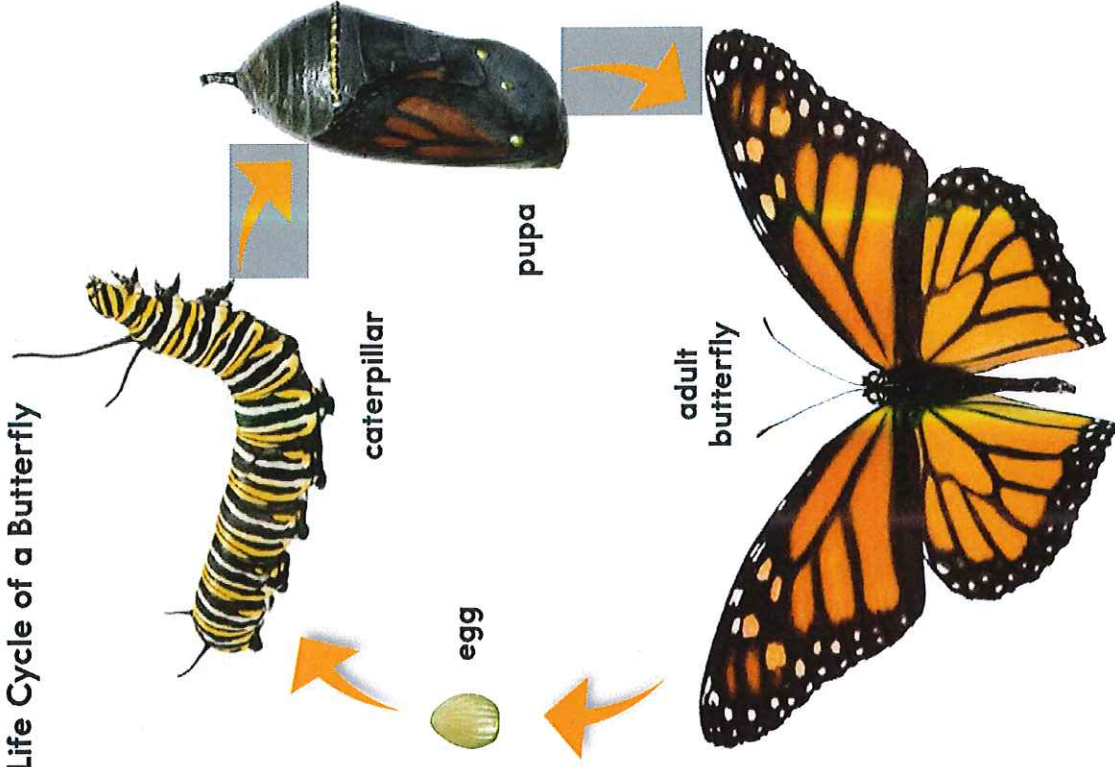


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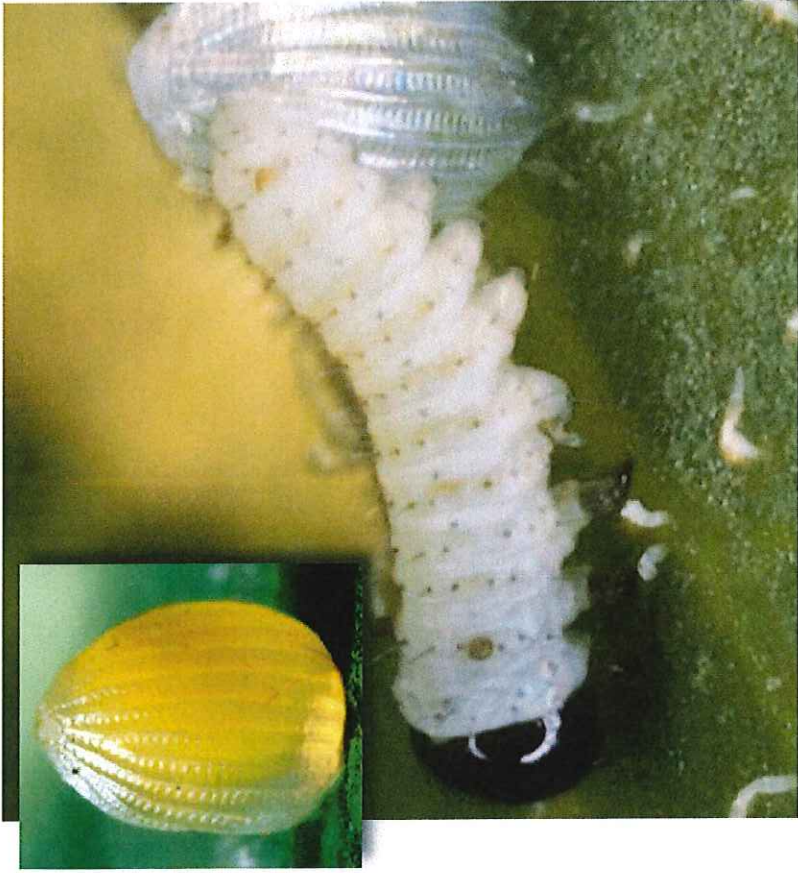
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The Life Cycle

A monarch butterfly has four stages in its life cycle.



A young caterpillar hatches from its egg. A female monarch butterfly usually only lays one egg on a leaf.

Egg

A female monarch butterfly

lays an egg on a leaf.

A **caterpillar** grows

inside the tiny egg.

The egg hatches in

three to twelve days.



The young caterpillar eats its own shell. If there are two eggs on a leaf, the caterpillar will eat the other egg first!

The hungry caterpillar eats

all the time.

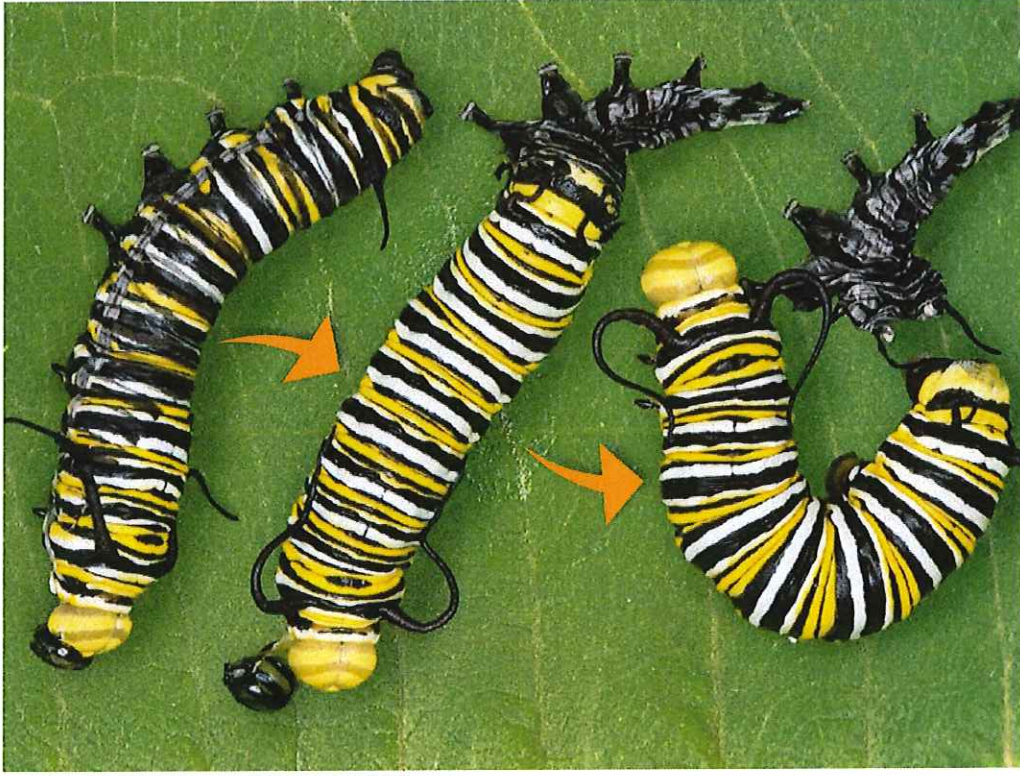
First, the caterpillar eats

its own eggshell.

Then, the caterpillar eats the leaf

it is on.



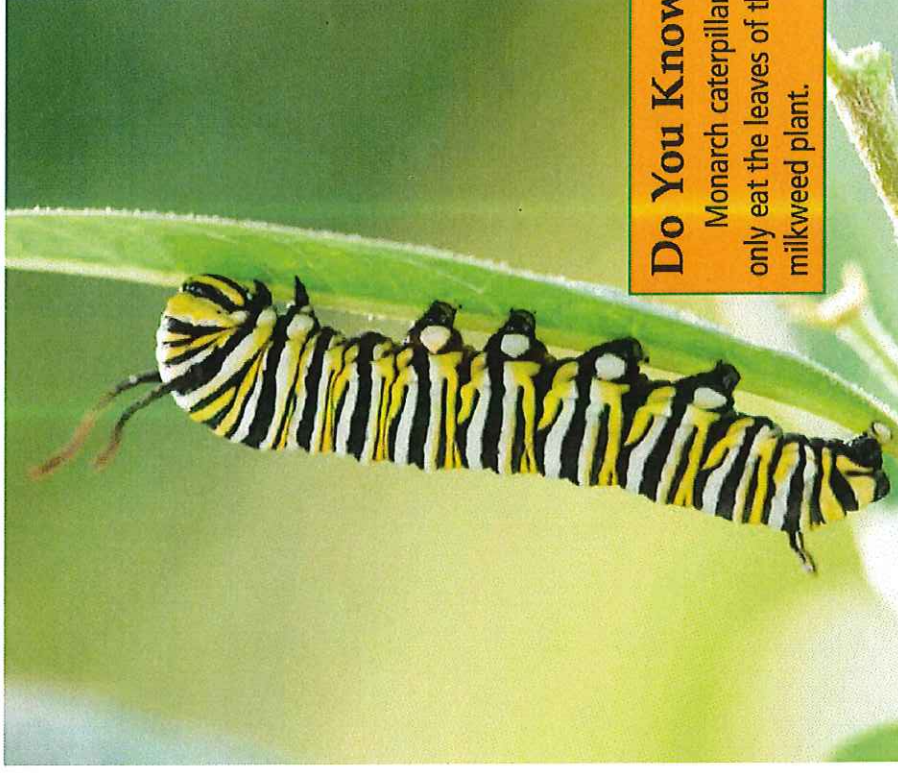


The caterpillar puts down sticky silk. The silk keeps the old skin in place while the caterpillar wiggles out of it.

The caterpillar grows quickly.

Its skin does not grow.

The caterpillar's skin splits and peels away.



Do You Know?
Monarch caterpillars only eat the leaves of the milkweed plant.

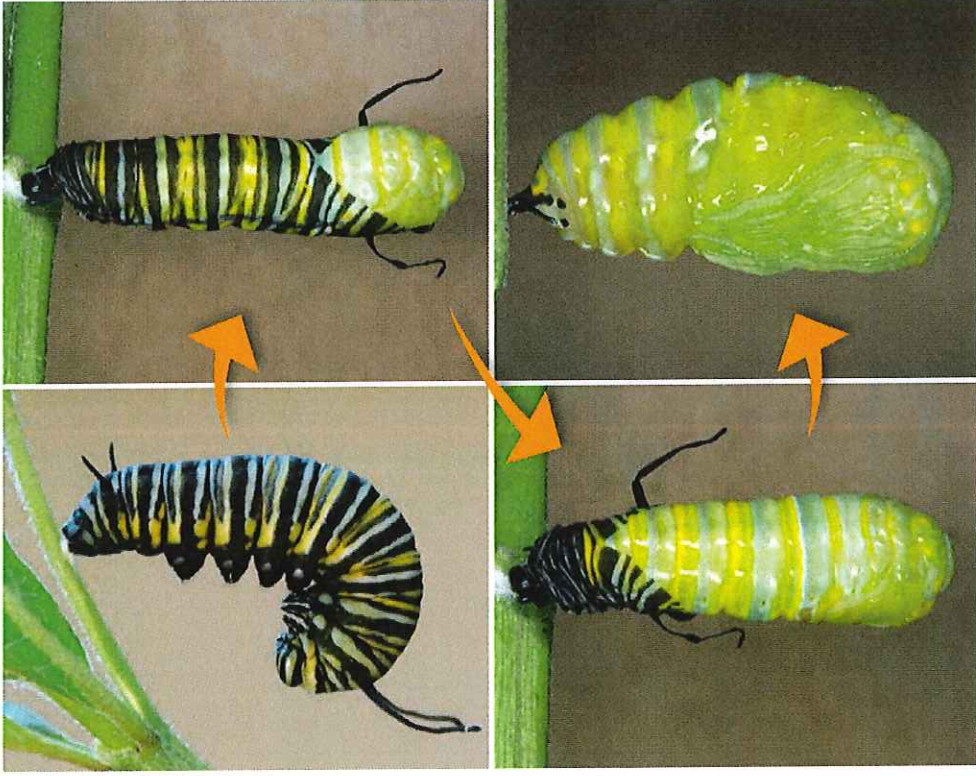
The caterpillar's bright black and yellow colors warn animals that they will get sick if they eat it.

New skin is under the old skin.

The caterpillar sheds its skin four to six times.

The caterpillar grows for two to four weeks.





The caterpillar's skin splits down its back like a zipper!

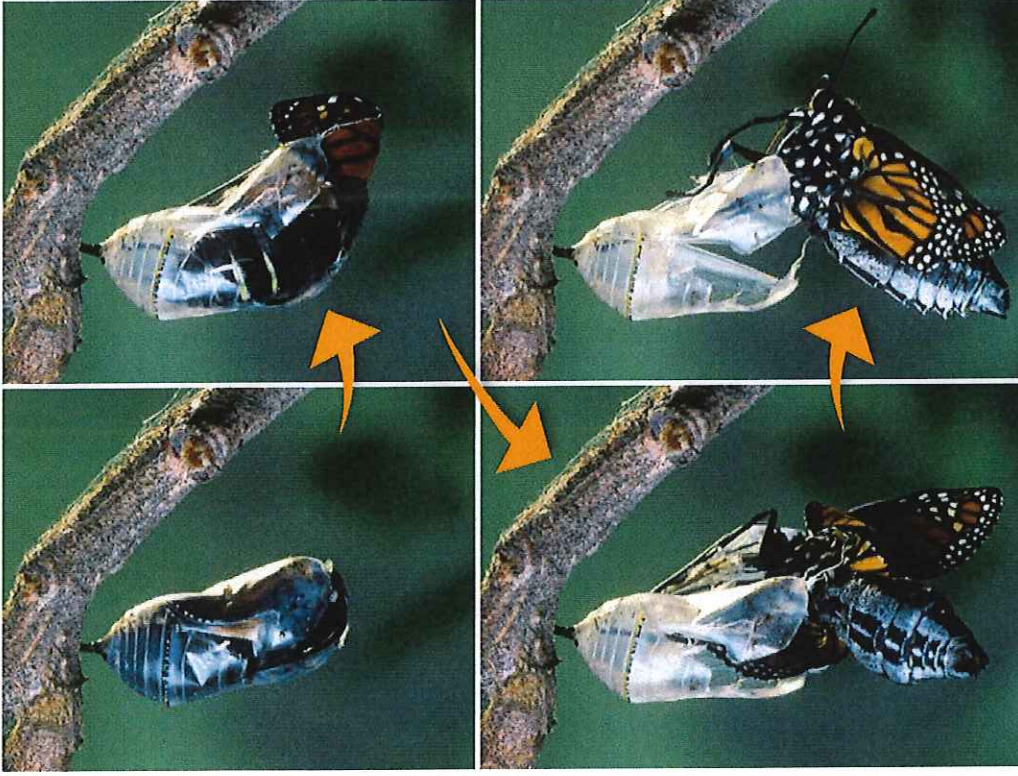
Pupa

When the caterpillar is grown, it hangs from a branch. It sheds its skin one last time. The new skin is bright green.



The green pupa looks like a leaf. The color helps it hide from other animals.

This green skin becomes hard. The caterpillar is now a pupa. It will stay inside its shell for one to two weeks.



The butterfly breathes in air to make its body bigger. Then, the shell splits so the butterfly can climb out.

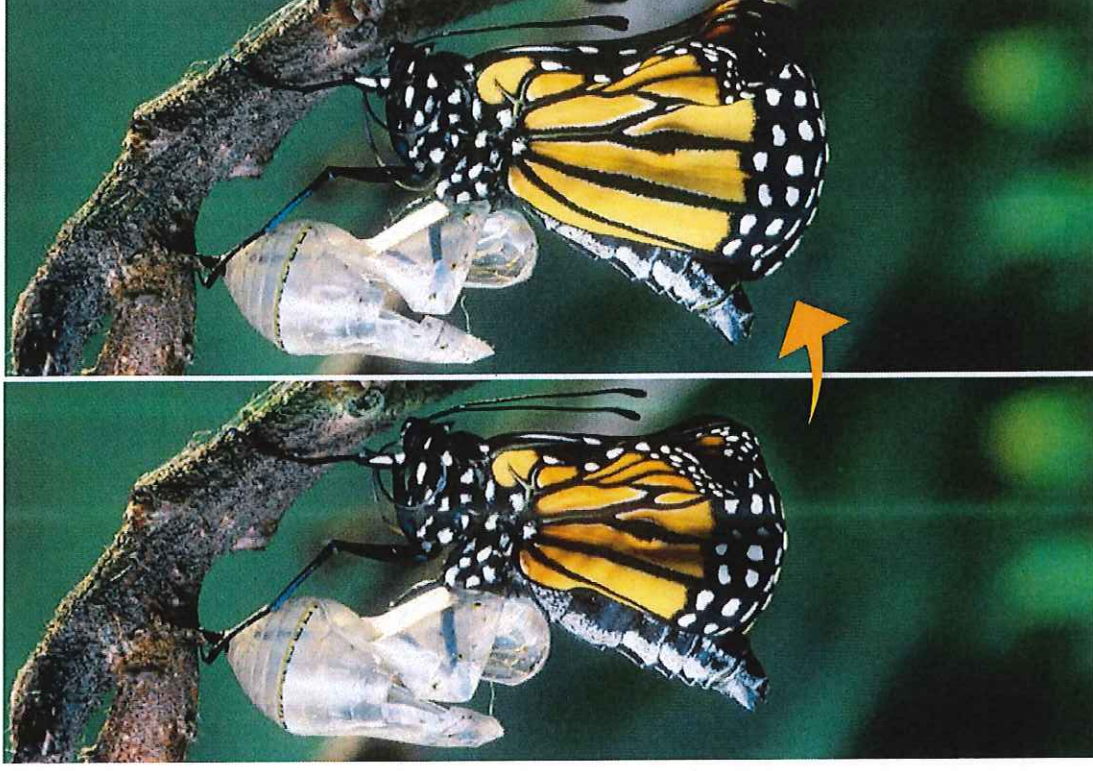
Adult Butterfly



The pupa comes out of its shell.

It is now a butterfly.

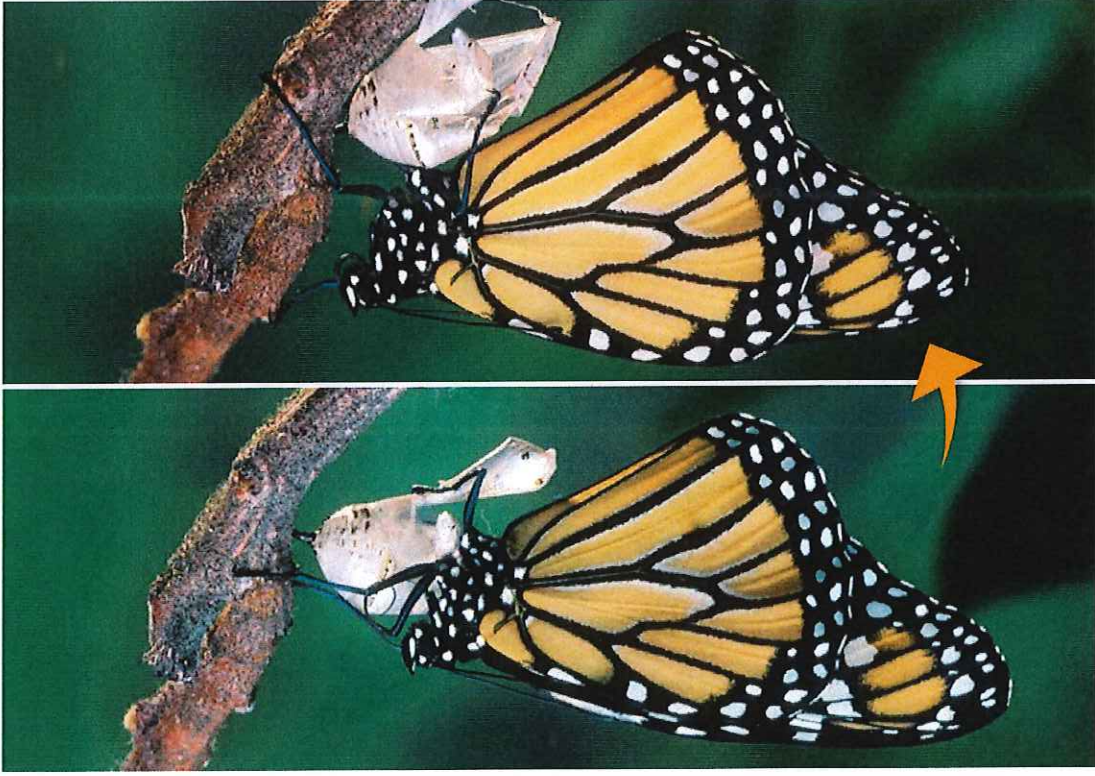
Its wings are wet.



While the butterfly hangs, it pushes liquid into its wings to make them unfold.

The new butterfly rests.

The butterfly must hang upside down, or it will not be able to fly.



Most monarch butterfly wings are about 4 inches (10 cm) from tip to tip.

The butterfly hangs for three to four hours. The sun and air dry its wings.



Monarch butterflies drink nectar, a sweet liquid made by plants. They sip nectar with a long tongue shaped like a tube.

Then, the butterfly is able to fly. It flies off to eat. It also searches for a mate.





A female monarch butterfly may lay 400 to 500 eggs in her lifetime!

A monarch butterfly may only live for two to six weeks.
The female monarch lays her eggs.
The butterfly life cycle starts again.

Glossary

- butterfly** (*n.*) an insect with four wings that are bright in color (p. 4)
- caterpillar** (*n.*) the young form of a butterfly or moth (p. 5)
- life cycle** (*n.*) the stages of change that a living thing goes through during its life (p. 4)
- mate** (*n.*) the partner of an animal (p. 14)
- pupa** (*n.*) a young insect before it becomes an adult (p. 10)
- stages** (*n.*) periods of time in the growth of something, such as insects (p. 4)



The Butterfly Life Cycle

How is the butterfly stage different from the caterpillar stage?
How is it the same?

Compare and Contrast

Reading A-Z



The Butterfly Life Cycle

The butterfly hangs, and the sun and air dry its wings.
Is this statement a fact or an opinion?
How do you know?

Fact or Opinion

Reading A-Z



The Butterfly Life Cycle

Why does the caterpillar need to eat so much?

Analyze

Reading A-Z



The Butterfly Life Cycle

What part of a butterfly's life cycle is most interesting to you?
Why?

Evaluate

Reading A-Z

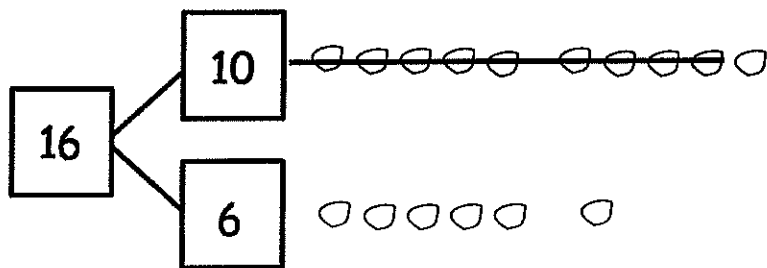
Name _____

Date _____

Make a simple math drawing. Cross out from the 10 ones or the other part in order to show what happens in the stories.

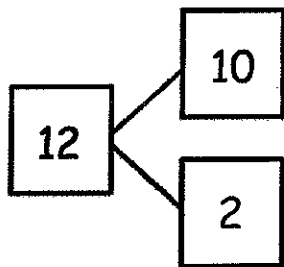


1. Bill has 16 grapes. 10 are on one vine, and 6 are on the ground. Bill eats 9 grapes from the vine. How many grapes does Bill have left?



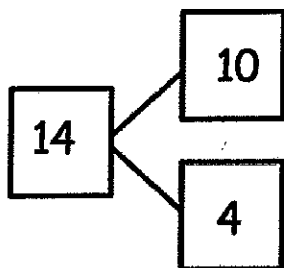
Bill has _____ grapes now.

2. 12 frogs are in the pond. 10 are on a lily pad, and 2 are in the water. 9 frogs hop off the lily pad and out of the pond. How many frogs are in the pond?



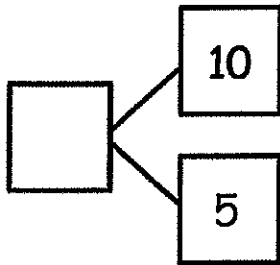
There are _____ frogs still in the pond.

3. Kim has 14 stickers. 10 stickers are on the first page, and 4 stickers are on the second page. Kim loses 9 stickers from the first page. How many stickers are still in her book?



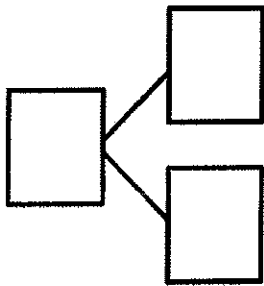
Kim has _____ stickers in her book.

4. 10 eggs are in a carton, and 5 eggs are in a bowl. Joe's father cooks 9 eggs from the carton. How many eggs are left?



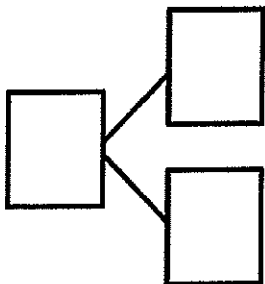
There are ___ eggs left.

5. Jana had 10 wrapped gifts on the table and 7 wrapped gifts on the floor. She unwrapped 9 gifts from the table. How many gifts are still wrapped?



Jana has ___ gifts still wrapped.

6. There are 10 cupcakes on a tray and 8 on the table. On the tray, there are 9 vanilla cupcakes. The rest of the cupcakes are chocolate. How many cupcakes are chocolate?



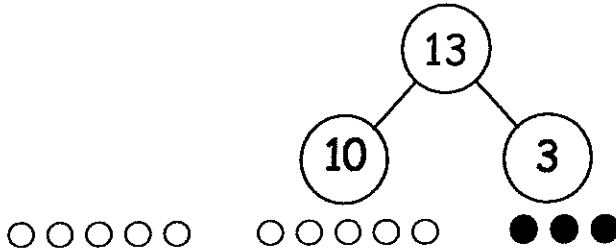
There are ___ chocolate cupcakes.

Name _____

Date _____

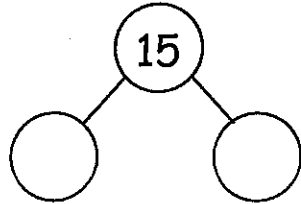
Solve. Use 5-group rows, and cross out to show your work.

1. Mike has 10 cookies on a plate and 3 cookies in a box. He eats 9 cookies from the plate. How many cookies are left?



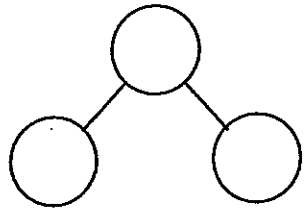
Mike has ____ cookies left.

2. Fran has 10 crayons in a box and 5 crayons on the desk. Fran lends Bob 9 crayons from the box. How many crayons does Fran have to use?



Fran has ____ crayons to use.

3. 10 ducks are in the pond, and 7 ducks are on the land. 9 of the ducks in the pond are babies, and all the rest of the ducks are adults. How many adult ducks are there?



There are ____ adult ducks.

Directions:

1. Each Team places their game piece on start.
2. Shuffle the game cards and place them face down in a pile.
3. Team 1 will take the top card from the deck and determine if the next space has the value of their card plus or minus ten. If the answer there Team 1 will move their game piece to that space/box; if not the game piece remains where it is and Team 1s turn is over.
4. After each turn, put your team's card face down on the bottom of the pile.
5. Team 2 will repeat the same process. Whichever team makes it to home first wins the game.

Things to look for:

- Do students randomly choose a number to add/subtract 10 or do they recognize a choice that will allow them to move their game piece forward?
- Do students have automaticity when adding 10 to a number?
Subtracting 10 from a number?
- Do they demonstrate an understanding when moving from 2-digit to 3-digit numbers?

Start

72 19 39
92 77

41 61 37
57 14

34 25 45
55 75

100 72 19
77 61

14 25 55
63 86

80 92 39
41 37

63 83 106
86 100

57 34 45
75 83

106 14 45
100 19

92 14 25
63 61

34 55 80
83 75

It's a Ten Game Board

Home

It's a Ten Game Cards

51	47	24
35	65	73
96	90	82
29	67	53

It's a Ten Game Cards

51	47	24
35	65	73
96	90	82
29	67	53