

Get to Know Pebbles!
this science workbook
belongs to:

1

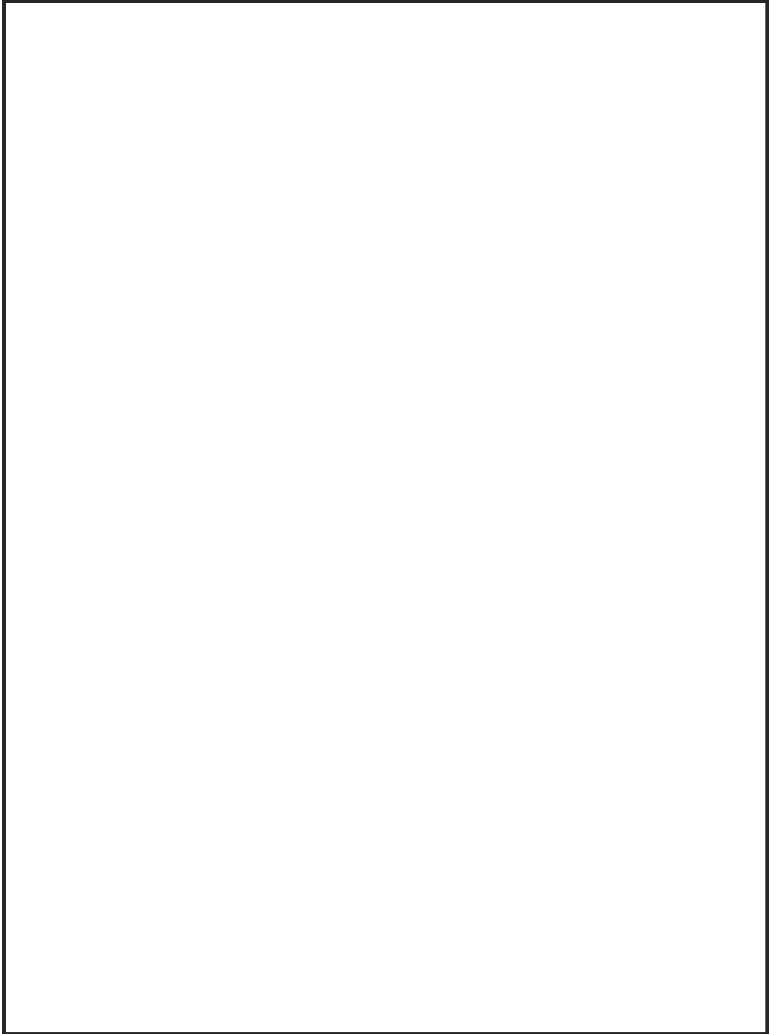
Before Reading

Think about butterflies, what do you already know about them? What do you want to know? Before reading the book “Pebbles and the Biggest Number” write down at least one question you have about butterflies.

After Reading

2

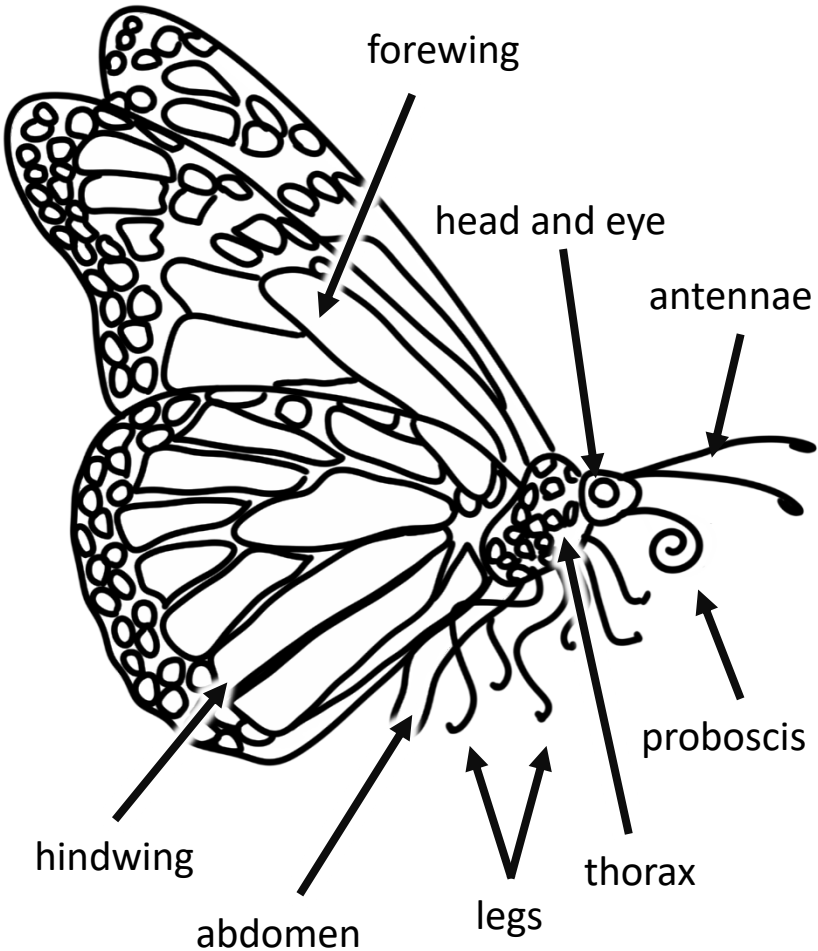
After reading “Pebbles and the Biggest Number”, draw picture that shows one thing you learned from reading the book.

A large, empty rectangular box with a black border, intended for a student to draw a picture illustrating a concept learned from the book "Pebbles and the Biggest Number".

3

Butterfly Parts

Butterflies have the same body parts. The picture below shows the name of each body part.



Label the Parts

4

Color or circle each butterfly part to show what they do.

1. Color the part of a butterfly that helps them fly - BLUE.
2. Color the part of a butterfly that helps them see - GREEN.
3. Circle the part of a butterfly that helps them eat with - RED.
4. Circle the part of a butterfly that helps them smell and balance with - ORANGE.
5. Circle the parts of a butterfly that help them walk with - PURPLE.
6. Color the 3 parts of a butterfly that make up their body, their head, thorax, and abdomen – YELLOW.

5

Migration Map

This is a map of North America. Follow the directions on page 6 to label the map with the migration route of the monarch butterfly.



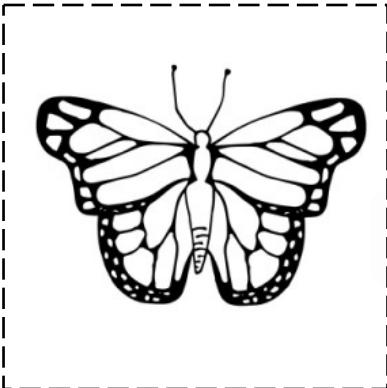
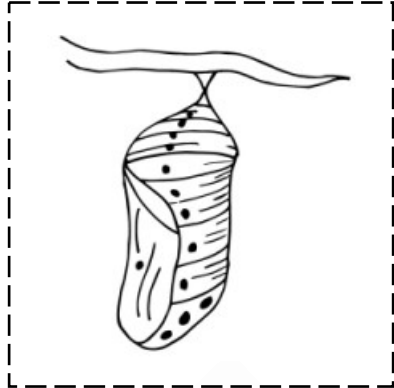
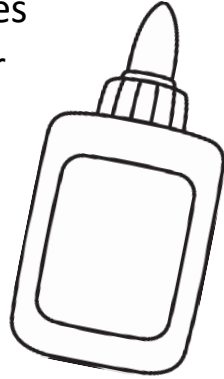
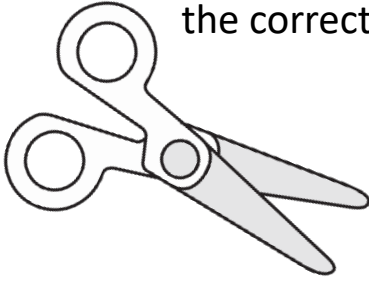
Monarch Migration 6

1. Draw an arrow from Canada to Mexico.
2. Draw arrows from the United States to Mexico
3. Draw arrows from Mexico to the United States and Canada
4. If your home is on the map, add a star to show where you live.

7

Cut and Paste

Cut out each of the four pictures below. Glue each picture under the correct stage.

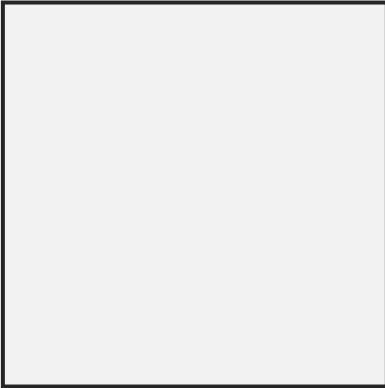


Butterfly Life Cycle

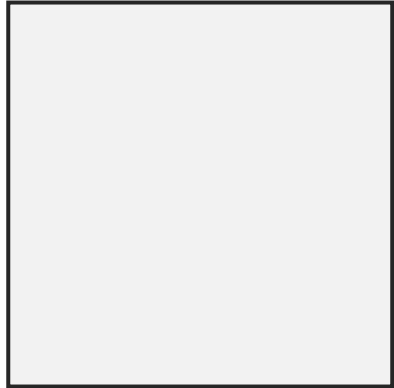
8

Butterflies have 4 stages in their life cycle. Cut and paste to put the stages in the correct order.

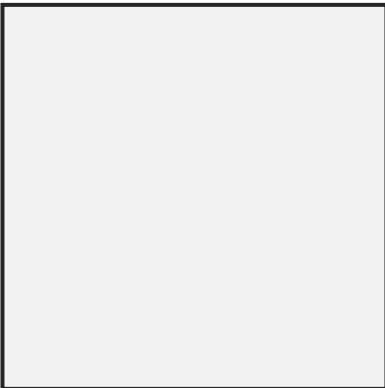
STAGE 1
EGG



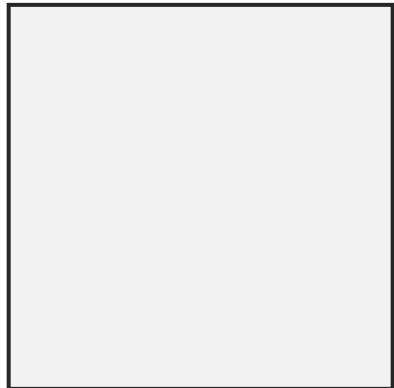
STAGE 2
LARVA



STAGE 3
PUPA



STAGE 4
ADULT

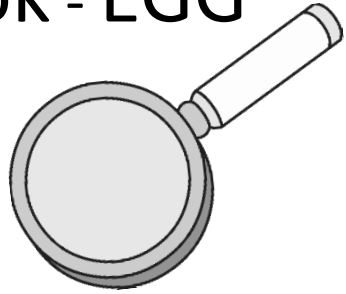


9

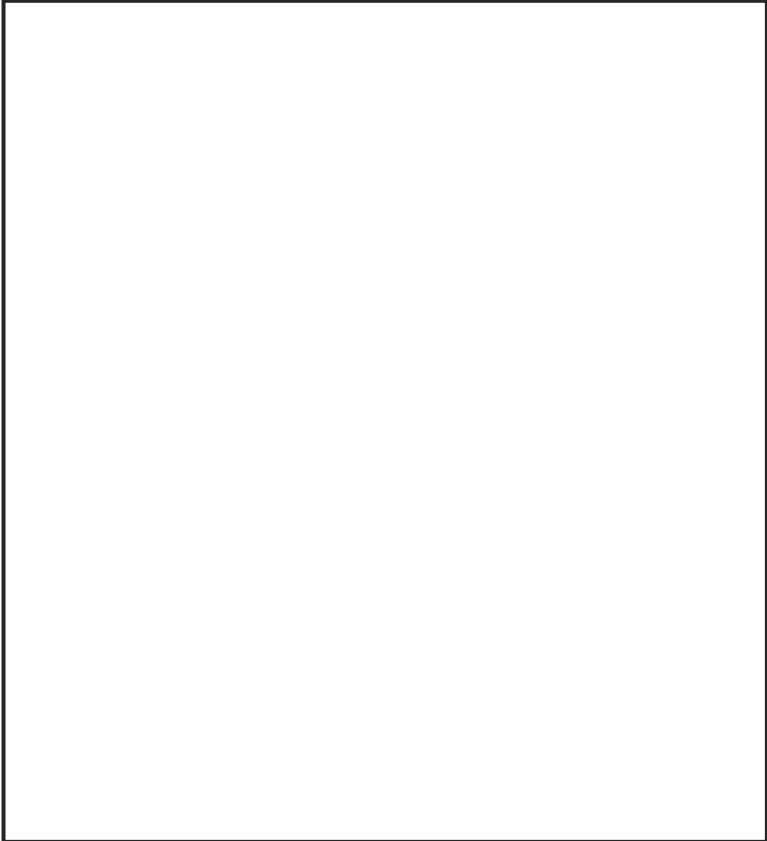
Closer Look - EGG

Stage 1 – EGG

Monarch butterflies
lay their eggs on
milkweed leaves.



Draw a picture of butterfly
eggs on a milkweed leaf below.

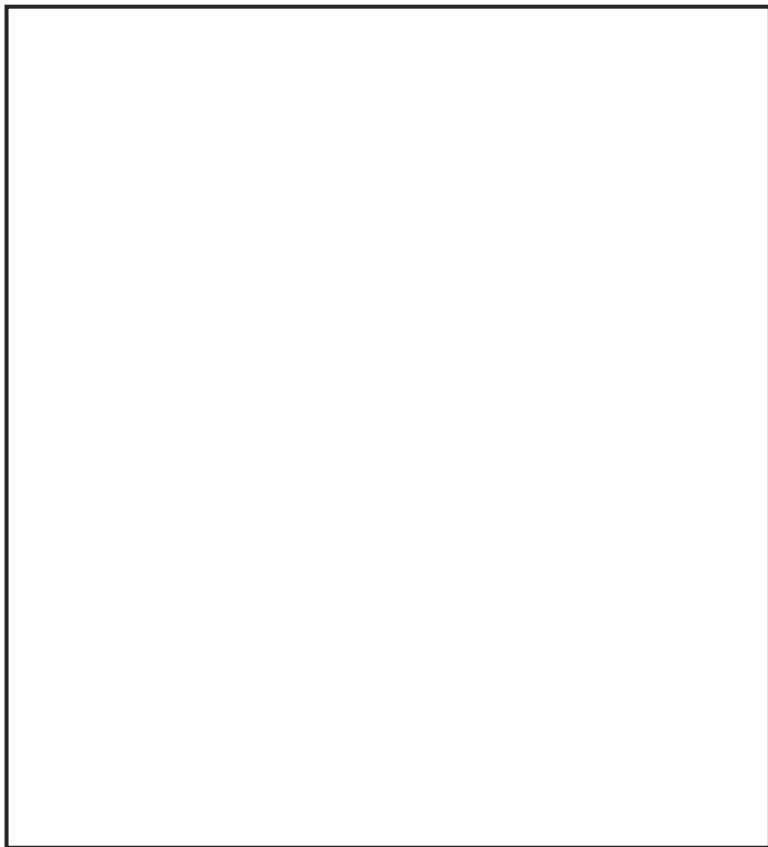


Closer Look - LARVA 10

Stage 2 – LARVA

The larva stage is sometimes also called the caterpillar stage. This is when the caterpillars eat milkweed leaves to grow big and strong.

Draw a picture of a caterpillar below.

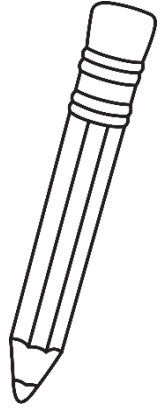


11

Closer Look - PUPA

Stage 3 – PUPA

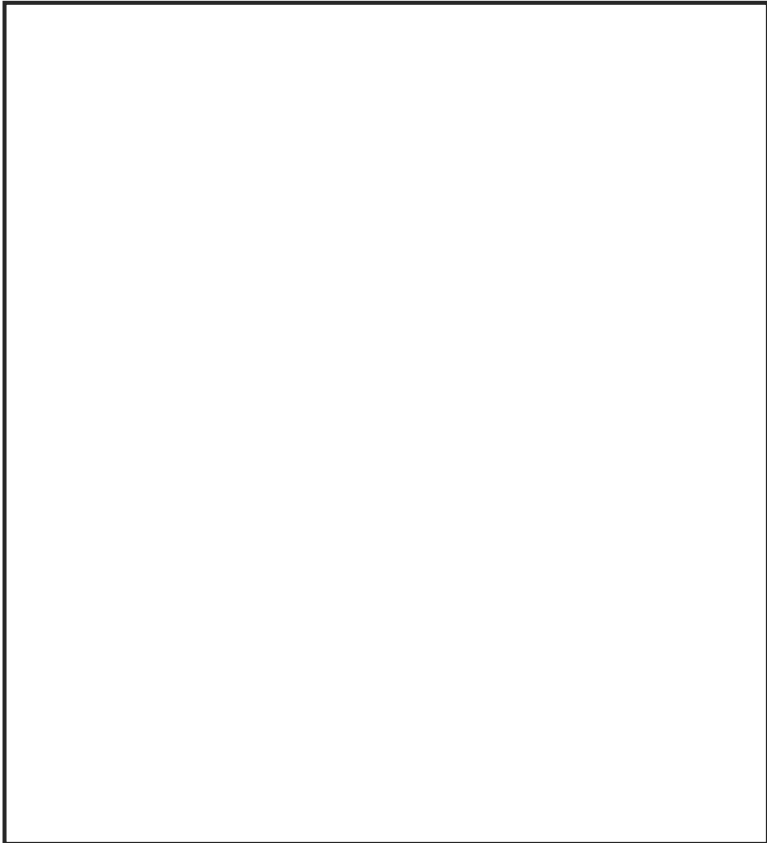
The pupa stage can also be called the chrysalis stage. This is when caterpillars attach themselves to a twig and turn into a chrysalis. Draw a chrysalis below.



Closer Look - ADULT 12

Stage 4 – ADULT

The last stage of a butterfly's life cycle is when they emerge from their chrysalis as a butterfly. The adult butterfly can migrate and lay eggs, which starts the cycle all over again. Draw a picture of a butterfly below.



13

Butterfly Needs

What do butterflies need to be healthy?

Consider - What do they eat? Where do they lay their eggs? What habitats do they live in?

List three things a monarch butterfly might need to be healthy.



Butterfly Needs

14

Draw a picture of Pebbles the butterfly in her natural habitat.

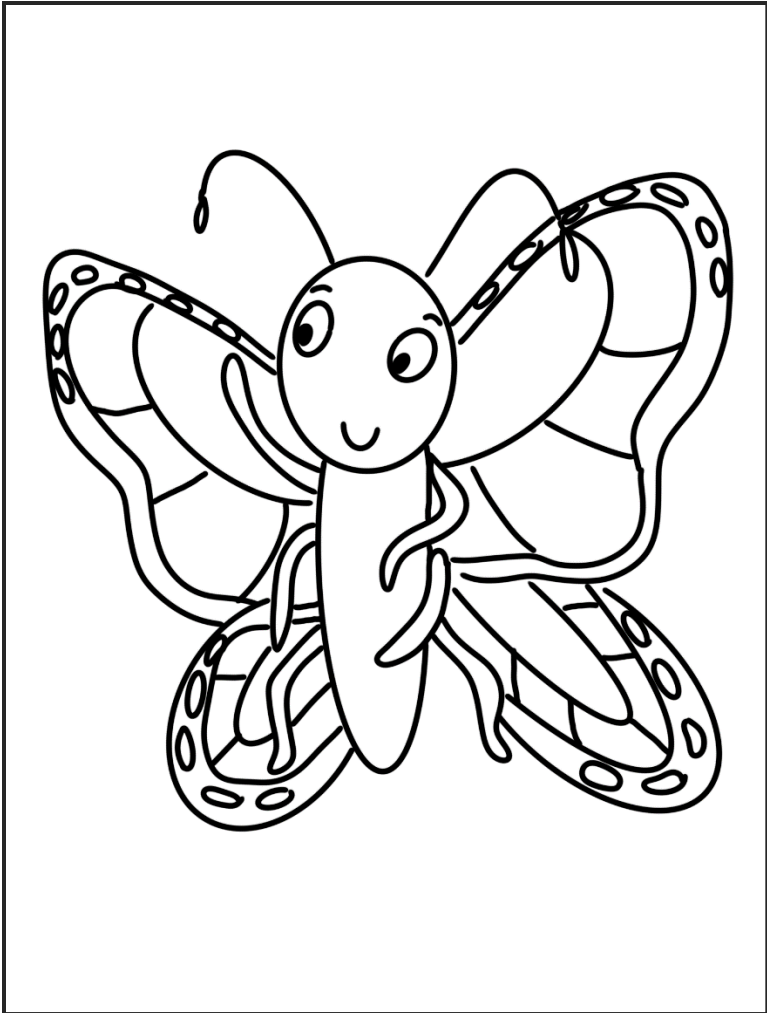
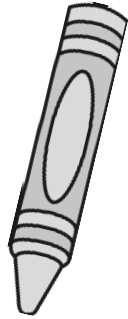
Make sure to include the 3 needs you listed in your picture.

A large, empty rectangular box with a thin black border, intended for the student to draw a picture of the butterfly in its natural habitat. The box occupies the lower two-thirds of the page.

15

Color Pebbles

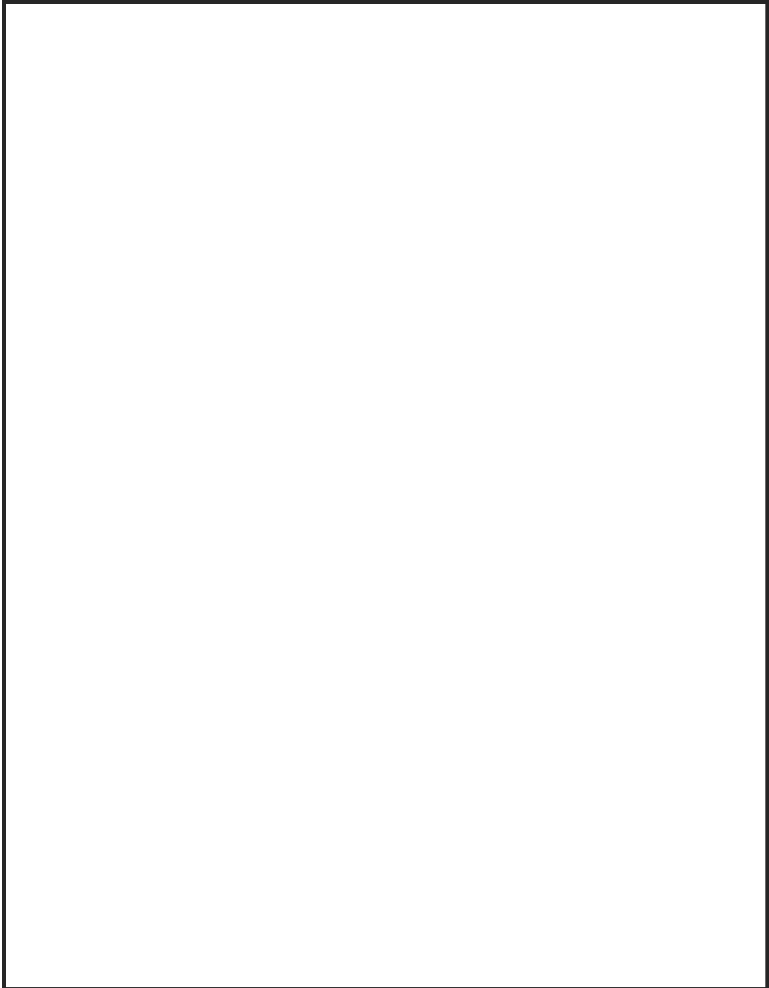
Color Pebbles the butterfly.
Use colors that make her look
like a MONARCH butterfly.



Get Creative

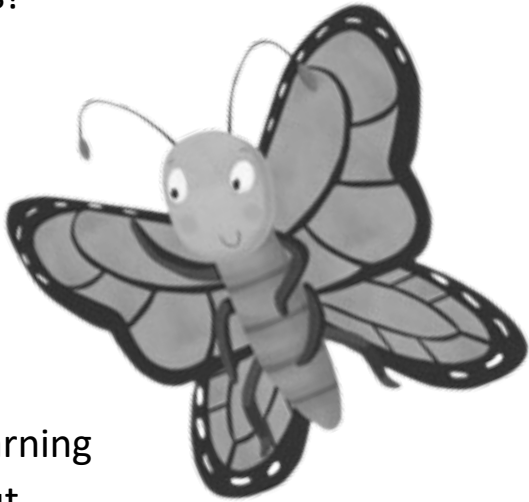
16

Draw and color a butterfly of your own design. Consider color, pattern, and their habitat when making your choices.



PEBBLES and the BIGGEST NUMBER

Thanks for learning about monarch butterflies with Pebbles!



For more learning
fun check out
biggestnumber.com

There you'll find math lessons, art lessons and
so much more to keep the learning and fun
coming!

