

Name - _____ Date - _____

Butterfly Math

Learn about butterflies using numbers. Research the answers to these questions.

1. How many major body parts do butterflies have? _____

Write each of them: _____

Compare this with ants. How many major body sections do ants have? _____

2. How many wings does a butterfly have? _____

Name the 4 structures on a butterfly's head. _____

3. Wingspan is the distance from the tip of one wing to the tip of the other wing.

Monarch butterflies have a 10.16cm. wingspan.

What is the longest wing span of a butterfly (in metric units)?

What is the shortest wing span of a butterfly (in metric units)?

What is the difference (in metric units)?

Challenge: What is the largest butterfly found in your state? _____

What is the smallest butterfly found in your state? _____

Write in order, from largest to smallest, three butterflies found in your state.

4. How many different kinds (species) of [butterflies are there in the world?](#)

Use your research skills to answer these questions.

How many different kinds (species) of butterflies live in your state? _____

Write as a fraction the number of world butterfly species found in your state.

What is the percentage of world butterfly species that are found in your state?

5. How many stages are there in the life of a butterfly? _____

Name each of them. _____

Extra: Travelers - Watch [Monarch Migration](#) on Youtube or [The Incredible Journey of the Butterflies](#)

Estimate (or determine using an [online mileage calculator](#)) the longest distance you have ever traveled.

Compare your trip with this Monarch Butterfly - "One tagged butterfly was tracked along a 1,870-mile route. Originally tagged on September 18, 1957 in Highland Creek, Ontario, it was spotted again in San Luis Potosi, Mexico, four months later. Of course, the butterfly's actual flight distance was even longer than a map suggests, because the insects don't fly in a straight line. They must dodge mountains, fight against winds, and flee predators on their perilous journeys." [Longest Regularly Repeated Migration](#)

Who has traveled the farthest - this monarch butterfly or you?