

Case Study: **The Amazing Journey of the Monarch Butterfly**

Monarch butterflies are known for their incredible migration journey. Every year, millions of monarchs travel from North America to central Mexico, covering thousands of miles. This journey is one of the most remarkable events in the insect world. Despite their delicate appearance, these butterflies are strong and resilient, able to fly up to 100 miles a day.

The migration starts in late summer when the monarchs begin to fly south. They navigate using the sun and magnetic fields, an ability that scientists are still studying. Along the way, they face many challenges, such as harsh weather conditions and the loss of habitat. Despite these obstacles, the butterflies remain determined and continue their journey.

Once they reach Mexico, the monarchs find shelter in the fir forests of the Sierra Madre mountains. Here, they rest and wait for spring. In March, they begin their journey back north. However, no single butterfly completes the entire round trip. It takes about four generations of monarchs to make the full journey from north to south and back again.

Answer the following questions :

1. Where do monarch butterflies migrate to every year?

- a) Central America
- b) Central Mexico
- c) Southern Canada
- d) Northern United States



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2. How far can monarch butterflies fly in a day?

- a) 50 miles
- b) 100 miles
- c) 200 miles
- d) 10 miles

3. What do monarch butterflies use to navigate during their migration?

- a) The stars
- b) The moon
- c) Magnetic fields and the sun
- d) Wind patterns

4. Where do monarch butterflies find shelter in Mexico?

- a) Desert regions
- b) Grasslands
- c) Fir forests of the Sierra Madre mountains
- d) Coastal areas

5. How many generations of monarchs are needed to complete the full migration cycle?

- a) One generation
- b) Two generations



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- c) Three generations
- d) Four generations

6. List any five adjectives found in the case study.

7. List any five nonfinite verbs found in the case study.

MCQs on Adjectives

1. Which adjective best describes the monarch butterflies in their migration journey?

- a) Weak
- b) Resilient
- c) Lazy
- d) Fragile

2. Identify the adjective in the sentence: "Despite their delicate appearance, these butterflies are strong."



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- a) Despite
- b) Appearance
- c) Delicate
- d) Butterflies

3. Which of the following is NOT an adjective used in the case study?

- a) Incredible
- b) Determined
- c) Migration
- d) Strong

4. What is the adjective in this sentence: "The butterflies find shelter in the fir forests of the Sierra Madre mountains"?

- a) Find

- b) Fir
- c) Shelter
- d) Forests

5. Which adjective is used to describe the journey of the monarch butterflies?

- a) Short
- b) Boring
- c) Amazing
- d) Sad

MCQs on Nonfinite Verbs

1. Which of the following is a nonfinite verb from the case study?

- a) Fly



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- b) Navigates

- c) Studying

- d) Rest

2. Identify the nonfinite verb in the sentence: "Monarch butterflies are known for their incredible migration journey."

- a) Are

- b) Known

- c) For

- d) Migration

3. In the sentence, "It takes about four generations of monarchs to make the full journey," which word is the nonfinite verb?

- a) Takes



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- b) Generations

- c) Make

- d) To make

4. Which nonfinite verb from the case study shows an ongoing action?

- a) To find

- b) Flying

- c) Reach

- d) Rest

5. Which of the following sentences contains a nonfinite verb?

- a) Monarchs rest in the mountains.

- b) Scientists are still studying their navigation.

- c) The butterflies begin their journey back.
- d) They face many challenges during the migration.



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