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Carrying on from their captivating appearance, let's dive into the fascinating world of a dragonfly's life cycle. Dragonflies start their life as eggs, usually laid in or near water, and when they hatch, they turn into nymphs. Nymphs live in the water and go through several stages of growth before they climb up a plant stem to shed their skin and emerge as an adult dragonfly. This transformation from water-dwelling nymph to air-gliding adult is a captivating process called metamorphosis.

Speaking of water, dragonflies have quite an interesting diet, especially when they are nymphs. During their water-bound nymph stage, they feed on a variety of aquatic creatures, including mosquito larvae, fish, and even other dragonfly nymphs. Once they emerge as adults, they become excellent hunters, using their exceptional speed and agility to catch and eat insects while in flight. Their appetite for mosquitoes and flies makes them very beneficial to humans, as they help to control the populations of these annoying insects.



Let's wrap up with some fun facts about these dazzling creatures. Dragonflies have been around for a very long time - fossil records show that they existed over 300 million years ago! They are also known for their amazing endurance and speed, with some species capable of flying up to 60 miles per hour and migrating across oceans. So next time you spot a dragonfly, remember they are not just beautiful, they are ancient, helpful, and incredibly strong too.

**Solve each problem.****Use the article to answer the question.**

- 1) What do adult dragonflies mainly feed on?
 - A. small fish
 - B. fruits and seeds
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- 2) What is the top speed that some dragonfly species can fly?
 - A. 60 miles per hour
 - B. 90 miles per hour
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- 3) Where do dragonflies lay their eggs?
 - A. in underground burrows
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 - D. in trees
- 4) What can dragonflies help control the population of?
 - A. ants and spiders
 - B. bees and butterflies
 - C. birds and mice
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- 5) How long ago did dragonflies exist according to fossil records?
 - A. just a few hundred years ago
 - B. less than 50 million years ago
 - C. around 100 million years ago
 - D. over 300 million years ago
- 6) What is the approximate size of a dragonfly's body?
 - A. 1 to 4 inches
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- 8) Where do the nymphs live after they hatch from the eggs?
 - A. In the soil
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- 9) Where do dragonflies usually lay their eggs?
 - A. Underground
 - B. On flowers or plants
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 - D. On land in grassy areas
- 10) What is the first stage of a dragonfly's life?
 - A. They start as caterpillars
 - B. They start as eggs
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- 11) How do dragonflies fly in different directions?
 - A. They have two pairs of wings that can beat independently.
 - B. They change the shape of their body to control their flight direction.
 - C. They use their tail to steer in different directions.
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Determine if the statements is something the animal would say (W) or it it is not something the animal would say (N).

- 12) "I prefer to stay on land instead of going near water."
- 13) "I'm born as a fully grown dragonfly."
- 14) "As a baby, I start my life in water and when I grow up, I take to the skies!"
- 15) "I can only fly forward."
- 16) "I'm a vegetarian as an adult."
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- 18) "When you see annoying insects like mosquitoes and flies, I see a delicious snack!"
- 19) "I'm a born traveler! I'm even capable of flying across oceans!"
- 20) "With my two pairs of strong, transparent wings, I can fly forwards, backwards and even hover!"
- 21) "I am a very slow flier."
- 22) "My wings are feathered."
- 23) "I can only look in one direction at a time."
- 24) "While in water, I nibble on mosquito larvae and occasionally other dragonfly nymphs."
- 25) "As a nymph, I feed on grass and leaves."
- 26) "Did you know I can be almost as big as a dollar bill? My body can be up to 4 inches long!"
- 27) "I can fly up to 60 miles per hour, faster than a car in your neighborhood!"
- 28) "In flight, I can snatch and eat insects in no time."
- 29) "Mosquitoes are my friends."
- 30) "I can see everywhere with my large and multifaceted eyes."
- 31) "I've existed even before humans, for over 300 million years!"

Determine if the statement is a fact or opinion based on the information in the article.

- 32) Adult dragonflies catch and eat bugs while they are flying.
- 33) Dragonflies are the best hunters among all insects because they can catch food while flying.
- 34) Before they become adult dragonflies, they live as nymphs in the water.
- 35) The speed at which some dragonflies can fly is utterly unbelievable.
- 36) Dragonflies have big eyes that can see around them in all directions.
- 37) It is very fascinating to learn that dragonflies can migrate across oceans, just like birds.
- 38) Dragonflies have been on Earth for more than 300 million years.
- 39) Dragonflies have two sets of wings that can move independently.
- 40) Dragonflies with their shimmering wings are the most beautiful insects.
- 41) The way dragonflies can fly forward, backward, and hover is absolutely amazing.

Determine if the statement is true or false.



- 66) Explain the life cycle of a dragonfly.
- 67) It's amazing how dragonflies transform from nymphs to adults!
- 68) Be gentle if a dragonfly lands on you.

Determine which choice is the conclusion that can be drawn from the statement.

- 69) Baby dragonflies feed on small aquatic creatures. What conclusion can be drawn about their initial stage of life?
- A. The initial stage of a dragonfly's life is spent in trees.
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- 70) Dragonflies have incredible speed and agility. What conclusion can we draw about their defense mechanism?
- A. Dragonflies rely on their speed to escape predators.
- B. Dragonflies don't have any defense mechanism.
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- 71) Dragonflies catch and eat their prey, including mosquitoes, while flying. What can be deduced about dragonflies based on this information?
- A. Dragonflies wait for their prey to land.
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- 72) Dragonflies have exceptional eyesight, and their eyes take up most of their head. What can be inferred about dragonflies from this information?
- A. Dragonflies don't use their eyes to hunt.
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- 73) Female dragonflies lay their eggs in or near water and the nymphs live underwater until they transform into adults. What conclusion can be drawn about the type of habitat do dragonflies prefer?
- A. Dragonflies prefer habitats near bodies of water like ponds, lakes, and rivers.
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| 1. _____ | 26. _____ | 51. _____ |
| 2. _____ | 27. _____ | 52. _____ |
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| 4. _____ | 29. _____ | 54. _____ |
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| 12. _____ | 37. _____ | 62. _____ |
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| 16. _____ | 41. _____ | 66. _____ |
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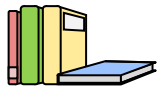
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- 42) The process of transforming from a nymph to an adult dragonfly is called metamorphosis.
- 43) Dragonflies like hunting on the ground.
- 44) Some species of dragonflies can fly at speeds of up to 60 miles per hour.
- 45) Dragonflies cannot fly backward, they can only fly forward.
- 46) Dragonflies turn into nymphs after they hatch from eggs.
- 47) Dragonfly nymphs only eat other nymphs.
- 48) Dragonflies only have one pair of wings.
- 49) Adult dragonflies live in the water.
- 50) Adult dragonflies can eat insects they catch while in flight.
- 51) Dragonflies can see in all directions because of their large, multifaceted eyes.

Determine which choice is the expanded form of the underlined contraction.

- 52) They won't lay their eggs far from water.
A. cannot B. will not
C. do not D. are not
- 53) Dragonflies haven't always been this small.
A. have not B. do not
C. are not D. will not
- 54) Dragonflies aren't the same as damselflies.
A. cannot B. are able
C. will not D. are not
- 55) Dragonflies can't usually be seen in freezing areas.
A. cannot B. do not
C. will not D. are not
- 56) Dragonflies don't only eat mosquitoes.
A. are not B. cannot
C. do not D. will not

Determine if the sentence is a declarative(d), exclamatory(e), interrogative(i) or imperative(m).

- 57) Dragonflies are so fast, they can escape predators with ease!
- 58) List some insects that dragonflies eat.
- 59) What are the three main stages of a dragonfly's life cycle?
- 60) Wow, dragonflies can catch their prey in mid-air!
- 61) The life cycle of a dragonfly consists of the egg, nymph, and adult stages.
- 62) Where do dragonflies live?
- 63) Dragonflies help control mosquito populations and other pests.
- 64) What is the main defense mechanism of a dragonfly?
- 65) A dragonfly's main defense mechanism is its incredible speed.



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1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0



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|---------------------------------|-----------------------------------|---|
| 1. <u> D </u> | 26. <u> true </u> | 51. <u> true </u> |
| 2. <u> A </u> | 27. <u> true </u> | 52. <u> B </u> |
| 3. <u> B </u> | 28. <u> true </u> | 53. <u> A </u> |
| 4. <u> D </u> | 29. <u> false </u> | 54. <u> D </u> |
| 5. <u> D </u> | 30. <u> true </u> | 55. <u> A </u> |
| 6. <u> A </u> | 31. <u> true </u> | 56. <u> C </u> |
| 7. <u> B </u> | 32. <u> fact </u> | 57. <u> exclamatory </u> |
| 8. <u> D </u> | 33. <u> opinion </u> | 58. <u> imperative </u> |
| 9. <u> C </u> | 34. <u> fact </u> | 59. <u> interrogative </u> |
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| 11. <u> A </u> | 36. <u> fact </u> | 61. <u> declarative </u> |
| 12. <u> false </u> | 37. <u> opinion </u> | 62. <u> interrogative </u> |
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Use the article to answer the question.

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- 2) What is the top speed that some dragonfly species can fly? (paragraph 4)
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A. in underground burrows B. in or near water
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A. _____ B. bees and butterflies
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