



Hey kids, let's dive into the world of an amazing insect, the cicada! These fascinating creatures have a unique look with their large, transparent wings and wide-set eyes that come in a variety of colors. They are famous for the loud, distinctive songs they sing during the summer months. And did you know, cicadas can be found all over the world, from the Americas to Asia and Africa?



Now that we've been introduced to these musical critters, let's explore what they munch on. Unlike some bugs, cicadas aren't the creepy, crawly type that invade your picnic, they prefer to sip on the sap from trees and plants. Using their beak-like mouthparts, they drill into tree trunks and roots to reach their favorite meal. So, no need to squirm, cicadas won't be interested in your sandwich!

Speaking of eating, can you guess which animals might enjoy a cicada snack? Many animals, including birds, spiders, and even other insects, see cicadas as a tasty treat. But don't worry, these clever insects have a trick up their sleeve - they play dead to avoid becoming a meal! And when that doesn't work, their sheer numbers often overwhelm predators, ensuring that many of them survive to sing another day.



Lastly, let's chat about the amazing life cycle of cicadas. After hatching from eggs, baby cicadas, called nymphs, burrow underground where they can live for many years, some species for as long as 17 years! When they finally emerge, they shed their skin, leaving behind an empty shell, and start their adult life. Isn't it amazing that a creature so small can live such a long and fascinating life, singing the songs of summer year after year?

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

- 1) What colors can cicada eyes be?
  - A. Only black and white
  - B. A variety of colors
  - C. Always blue
  - D. Just red
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  - A. Lions and leopards
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  - C. Dogs and cats
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- 3) Where can cicadas be found?
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- 5) What are baby cicadas called?
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  - C. Nymphs
  - D. Pupae
- 6) Which months do cicadas sing their songs?
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  - C. Winter months
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- 7) What do cicadas like to munch on?
  - A. Seeds and nuts
  - B. Sap from trees and plants
  - C. small insects, mostly aphids
  - D. Leaves and tree bark
- 8) How do cicadas reach the sap in trees?
  - A. Wait for the sap to drip out
  - B. Fly to the tree tops
  - C. Drill into tree trunks and roots
  - D. Chew through the bark
- 9) How long can some species of cicadas live underground?
  - A. Around 5 years
  - B. Only a few months
  - C. Up to 17 years
  - D. One year
- 10) What do cicadas do to avoid becoming a meal?
  - A. Release a smelly odor
  - B. Make a loud noise
  - C. Release a poison from their skin
  - D. Play dead

**Determine if the statements is something the animal would say (W) or it it is not something the animal would say (N).**

- 11) "When I find a tree I like, I use my mouthparts to drill into it, aiming to sip on as much sap as I can."
- 12) "When it's time to grow, I shed my skin and leave behind an empty shell, just like a crab!"



- 13) "I have a neat trick to avoid danger - I play dead!"
- 14) "We prefer to eat fruits and vegetables."
- 15) "Did you know that I hide underground for years as a baby cicada? Usually it'll be more than a decade, sometimes as long as 17 years!"
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- 19) "Did you know that I make a loud 'singing' noise? You'll hear my song during the summer."
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- 21) "Singing? I don't like to make any noise at all."
- 22) "Unlike ants, I don't go for your sandwich. I prefer sipping sap from trees and plants."
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- 24) "I may be found in trees in your backyard, but did you know I can be found in continents across the Earth, too?"
- 25) "Summer? Nah, I prefer the silence and calm of winter."
- 26) "Our average life span is just a couple of months."
- 27) "My sheer numbers can be overwhelming, it's how many of us manage to survive."

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

- 28) A defense mechanism of cicadas is to play dead to avoid being eaten.
- 29) The noise cicadas make is one of the most annoying things about them.
- 30) Cicadas feed on tree sap.
- 31) Cicadas are way more interesting than other bugs because they live underground for so long.
- 32) Cicadas are known for their loud songs in summer.
- 33) The way cicadas play dead to avoid being eaten is impressive.
- 34) After hatching, cicada nymphs can live underground for many years.
- 35) Cicadas can be found in America, Asia, and Africa.
- 36) Cicadas' songs are the best part of summer.
- 37) The most amazing thing about cicadas is their incredibly long life cycle.

**Determine if the statement is true or false.**

- 38) Cicadas may stay underground for 17 years.
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- 41) Cicadas often invade picnics and eat human food.
- 42) Cicadas can play dead to avoid predators.
- 43) Cicadas are insects with small yellow wings.



- 44) Cicadas can be found only in the Americas and Asia.
- 45) Adult cicadas only live for a few months.
- 46) Birds, spiders, and other insects may try to eat cicadas.
- 47) Cicadas can be found in different parts of the world, including the Americas and Africa.

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

- 48) Cicadas are not harmful to humans.
- 49) Cicadas have three tiny eyes in addition to their two large ones, how weird!
- 50) Cicadas have transparent wings.
- 51) What do cicadas eat?
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- 53) Every 17 years, billions of cicadas emerge all at once, it's like a big noisy party!
- 54) Cicadas spend most of their lives underground.
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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



- |                                 |                                       |   |
|---------------------------------|---------------------------------------|---|
| 1. <u>    <b>B</b>    </u>      | 26. <u>    <b>false</b>    </u>       | 51. <u>    <b>interrogative</b>    </u> |
| 2. <u>    <b>D</b>    </u>      | 27. <u>    <b>true</b>    </u>        | 52. <u>    <b>interrogative</b>    </u> |
| 3. <u>    <b>D</b>    </u>      | 28. <u>    <b>fact</b>    </u>        | 53. <u>    <b>exclamatory</b>    </u>   |
| 4. <u>    <b>C</b>    </u>      | 29. <u>    <b>opinion</b>    </u>     | 54. <u>    <b>declarative</b>    </u>   |
| 5. <u>    <b>C</b>    </u>      | 30. <u>    <b>fact</b>    </u>        | 55. <u>    <b>interrogative</b>    </u> |
| 6. <u>    <b>A</b>    </u>      | 31. <u>    <b>opinion</b>    </u>     | 56. <u>    <b>exclamatory</b>    </u>   |
| 7. <u>    <b>B</b>    </u>      | 32. <u>    <b>fact</b>    </u>        |   |
| 8. <u>    <b>C</b>    </u>      | 33. <u>    <b>opinion</b>    </u>     |   |
| 9. <u>    <b>C</b>    </u>      | 34. <u>    <b>fact</b>    </u>        |   |
| 10. <u>    <b>D</b>    </u>     | 35. <u>    <b>fact</b>    </u>        |   |
| 11. <u>    <b>true</b>    </u>  | 36. <u>    <b>opinion</b>    </u>     |   |
| 12. <u>    <b>true</b>    </u>  | 37. <u>    <b>opinion</b>    </u>     |   |
| 13. <u>    <b>true</b>    </u>  | 38. <u>    <b>true</b>    </u>        |   |
| 14. <u>    <b>false</b>    </u> | 39. <u>    <b>false</b>    </u>       |   |
| 15. <u>    <b>true</b>    </u>  | 40. <u>    <b>true</b>    </u>        |   |
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| 24. <u>    <b>true</b>    </u>  | 49. <u>    <b>exclamatory</b>    </u> |   |
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