



Did you know that there's a creature of the night that's actually our friend? Meet the Big Brown Bats! With their sleek fur that ranges from light brown to dark, almost chocolate color, they are a sight to behold in the moonlight. Their wingspan can stretch up to 13 inches, which is about as long as your ruler! And don't forget their little ears and snout that make them look like they're always curious about the world around them.



Speaking of the world around them, big brown bats have quite an interesting lifestyle! These nocturnal creatures are found all over North America, living in places like tree holes, under bridges, and even sometimes in attics! They love to eat insects, and a single bat can eat up to a thousand mosquito-sized bugs in just one hour! They hibernate during the winter and come out when it's warm, but did you know that female bats gather together in large groups when they're ready to have their babies?

Now you might be thinking, what do these bats have to do with us, right? Well, they're actually very important to humans because they eat so many pests that can harm our crops and gardens. But don't worry, they usually prefer to stay away from people and won't harm you unless they feel threatened. In fact, they use a special technique called echolocation to navigate and find their food, so they're not likely to bump into you in the dark.



It's amazing how different they are from other animals, isn't it? Unlike birds, bats are mammals, which means they have fur and nurse their babies with milk. And unlike most mammals, bats are capable of true and sustained flight, not just gliding or leaping. So, the next time you see a big brown bat, remember that it's not just a creature of the night, but a friend that helps keep our environment balanced.



Solve each problem.

Use the article to answer the question.

- 1) What color is the fur of big brown bats?
 - A. Gray
 - B. Black
 - C. White
 - D. Brown

- 2) When do female bats gather together in large groups?
 - A. when they're ready to have their babies
 - B. When they are ready to migrate
 - C. when they're hunting for food
 - D. when they're searching for a new home

- 3) What do big brown bats eat?
 - A. Small rodents
 - B. Plants
 - C. Insects
 - D. Fish

- 4) Do Big Brown Bats prefer to interact with people?
 - A. Yes, they often interact with people
 - B. Yes, they are often seen in populated areas
 - C. No, they are often found in remote areas far from people
 - D. No, they usually stay away from people

- 5) What makes bats different from birds?
 - A. Bats have feathers
 - B. Bats are mammals
 - C. Bats lay eggs
 - D. Bats can't fly

- 6) How long is the wingspan of big brown bats?
 - A. Up to 20 inches
 - B. Up to 30 inches
 - C. Up to 5 inches
 - D. Up to 13 inches

- 7) How many mosquito-sized bugs can a single bat eat in an hour?
 - A. Up to fifty
 - B. Up to a thousand
 - C. Up to hundred
 - D. Up to five hundred

- 8) What time of the year do big brown bats hibernate?
 - A. During the winter
 - B. During the summer
 - C. During the fall
 - D. During the spring

- 9) Where might you find big brown bats living?
 - A. in the soil
 - B. in caves
 - C. in the ocean
 - D. tree holes

- 10) How do big brown bats navigate and find their food?
 - A. They use their sharp eyes to view prey from above
 - B. By using their sense of smell
 - C. By using a special technique called echolocation
 - D. By using sensitive hairs on the snout



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

- 11) "I feed my babies with a special kind of nectar, unlike other mammals."
- 12) "I love eating insects, especially the mosquito-sized ones. In just one hour, I can eat almost a thousand of them!"
- 13) "During winter, I take a long nap in a cozy place and come out when it's warm again."
- 14) "While most mammals don't like to fly, I'm different, I fly and I'm good at it too."
- 15) "Even though people think I eat loads of bugs, I actually munch on flowers at night. The nectar is sweet."
- 16) "Even though they call me 'bat', I am actually a bird."
- 17) "I don't really fly. I use a jumps and leaps to get around."
- 18) "Although I prefer the dark, I actually don't use echolocation. I use my sense of smell instead."
- 19) "Flying? Oh no, I simply glide from tree to tree. Bats don't actually fly."
- 20) "At night, my wings are spread as wide as your school ruler."
- 21) "I actually have feathers instead of fur."
- 22) "You know, I sleep during the day. I'm a nocturnal creature."

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

- 23) Female big brown bats often group together when they get ready to have their babies.
- 24) The way big brown bats use echolocation to navigate in the dark is neat.
- 25) You can find big brown bats throughout North America, including places like tree holes, under bridges, and sometimes in attics.
- 26) The way female big brown bats gather together in large groups to have their babies is fascinating.
- 27) Big brown bats are able to eat up to a thousand mosquito-sized insects in just one hour.
- 28) Big brown bats hanging upside down is adorable.
- 29) Big brown bats tend to hibernate when the weather turns cold and reemerge when it gets warmer, unlike many other mammals who do not hibernate.
- 30) Bats are not birds but are actually a type of mammal.
- 31) Big brown bats are the best kind of bats because they can eat up to a thousand mosquito-sized bugs in just one hour.
- 32) Big brown bats have smooth fur that looks really cool.

Determine if the statement is true or false.

- 33) Bats are capable of sustained flight.
- 34) Big brown bats use their eyes to find their food.
- 35) Female bats gather together in large groups when they are ready to have their babies.
- 36) Big brown bats can eat up to fifteen thousand bugs in just one hour!
- 37) Bats have fur and their babies drink milk.



- 38) Big brown bats have a wingspan of 20 inches.
- 39) Big brown bats like eating fruits and nuts.
- 40) Big brown bats are not found in North America.
- 41) Big brown bats are found all over North America.
- 42) Big brown bats can eat up to a thousand mosquitos in just one hour.

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

- 43) Big brown bats hibernate during the winter months to conserve energy.
- 44) Can big brown bats see well during the day?
- 45) Big brown bats eat insects like moths, beetles, and mosquitoes.
- 46) Big brown bats use echolocation to navigate and find food.
- 47) How do big brown bats navigate in the dark?
- 48) Where do big brown bats live?



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| 7. | <u> B </u> | 32. | <u> opinion </u> |
| 8. | <u> A </u> | 33. | <u> true </u> |
| 9. | <u> D </u> | 34. | <u> false </u> |
| 10. | <u> C </u> | 35. | <u> true </u> |
| 11. | <u> false </u> | 36. | <u> false </u> |
| 12. | <u> true </u> | 37. | <u> true </u> |
| 13. | <u> true </u> | 38. | <u> false </u> |
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| 19. | <u> false </u> | 44. | <u> interrogative </u> |
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| 21. | <u> false </u> | 46. | <u> declarative </u> |
| 22. | <u> true </u> | 47. | <u> interrogative </u> |
| 23. | <u> fact </u> | 48. | <u> interrogative </u> |
| 24. | <u> opinion </u> | | |
| 25. | <u> fact </u> | | |



- 11) "I feed my babies with a special kind of nectar, unlike other mammals." (paragraph 4)
- 12) "I love eating insects, especially the mosquito-sized ones. In just one hour, I can eat almost a thousand of them!" (paragraph 2)