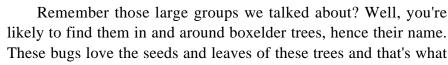


Imagine a tiny creature, dressed in a smart suit of black and red. That's our star of the day, the boxelder bug! These little bugs are about half an inch long and have a distinctive red stripe pattern on their black bodies. They have six legs, two antennae, and wings that they keep neatly tucked away when they're not flying. Boxelder bugs are quite the sight, especially when they gather in large groups, creating a sea of black and red!





they mostly eat. But don't worry, they also like other soft fruits and sometimes even the juicy parts of other plants. So whether it's in a forest or your backyard, if there's a boxelder tree, you might just find these little guys hanging out!

Now, from hanging out on trees to transforming into adults, boxelder bugs have a fascinating life cycle. They start out as eggs in the spring, hatch into nymphs, and by summer, they're all grown up. The adults then lay eggs and the cycle starts all over again. Even though they're small, these bugs are quite the survivors and can live up to a year!



A whole year! That's quite impressive for such a small creature, isn't it? Now, you might be wondering if boxelder bugs are harmful to us or other animals. Well, the good news is, they're not! They don't bite or sting, and they mostly keep to themselves, unless they find their way into your home to escape the cold. So, the next time you see a boxelder bug, remember, it's a harmless, fascinating little creature that's just trying to live its life!

### Solve each problem.

### Use the article to answer the question.

1) What color stripe pattern can be seen on boxelder bugs' bodies?

A. yellow B. blue C. green D. red

2) What do boxelder bugs prefer to eat?

A. Twigs and bark B. Seeds and leaves C. nuts and legumes D. Fruits and vegetables

3) When do boxelder bugs start out as eggs?

A. in the spring B. in the fall C. in the summer D. in the winter

4) Where do boxelder bugs like to hang out?

A. Cornfields B. Palm trees C. Rose bushes D. Boxelder trees

5) Why might boxelder bugs enter your home?

A. to escape the cold B. to lay eggs

C. to find food D. because they're lost

**6)** How many legs do boxelder bugs have?

A. two B. four C. eight D. six

7) When do boxelder bugs transform into adults?

A. by winter B. by fall C. by summer D. by spring

**8**) How long can boxelder bugs live?

A. up to a year B. up to a day C. up to a week D. up to a month

9) Are boxelder bugs harmful to humans or other animals?

A. No B. Yes

C. Only to dogs D. Only to birds

**10**) Do boxelder bugs bite or sting?

A. only males B. yes C. only females D. no

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

11) "Don't worry, I'm not harmful to you."

12) "I'm pretty small. Only half an inch long."

13) "When I'm not in your house, I'm hanging out in my favourite place – near boxelder trees."



- **14**) "I usually live less than a month."
- 15) "In spring when I hatch from the egg, I'm a nymph. In just a few short months I'm the adult box elder bug you see today."
- **16**) "I live my entire life on a single leaf."
- 17) "We only eat the seeds and leaves of boxelder trees and nothing else."
- 18) "If you see me in your house during colder months, please don't get mad, I'm only trying to stay warm."
- 19) "I prefer to keep my wings neatly tucked away when I'm not using them."
- **20**) "You wouldn't believe it, but a boxelder bug like me can live up to a whole year! That's a lot of bug-time."
- 21) "We boxelder bugs cannot fly."
- 22) "While I mostly eat leaves and seeds, there is some variety to my diet, including fruits."
- 23) "Despite my name, you'll never find me near a boxelder tree."
- 24) "Seeds and leaves of boxelder trees are my favourite meals."
- 25) "We boxelder bugs are usually lone wolves, we do not like company."
- **26**) "I will bite or sting if I feel threatened."
- 27) "My body is almost entirely black, but I do have bits of red."

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

- **28**) An adult Boxelder bug can live for up to a year.
- **29**) Boxelder bugs are the best insects because they are harmless to humans and animals.
- **30**) Boxelder bugs favor the seeds and leaves of boxelder trees for their diet.
- 31) The fact that boxelder bugs can live up to a year is really impressive for such tiny creatures.
- 32) Boxelder bugs have a distinct red stripe pattern on their black bodies.
- 33) Boxelder bugs are not annoying because they mostly keep to themselves.
- **34)** Boxelder bugs do not harm humans as they do not sting or bite.
- 35) Boxelder bugs have six legs, two antennae, and wings.
- **36)** Boxelder bugs look cool because of their black and red stripes.
- 37) It is impressive to see hundreds of boxelder bugs gathered in large groups.

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

- **38)** Boxelder bugs can live up to a year.
- **39**) Boxelder bugs live for only a single day.
- **40**) Boxelder bugs have a distinctive red stripe pattern on their bodies.
- **41**) Boxelder bugs have eight legs.
- **42)** Boxelder bugs can usually be found in and around boxelder trees.
- **43**) Boxelder bugs lay eggs in the winter.
- 44) Boxelder bugs get their name because they often live in boxes.



- **45**) Boxelder bugs only eat smaller insects.
- **46**) Boxelder bugs do not bite or sting.
- **47**) Boxelder bugs are about half an inch long.

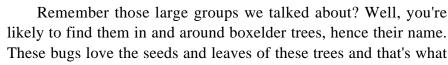
## Determine if the sentence is a declarative(d), exclamatory(e), interrogative(i) or imperative(m).

- **48)** Boxelder bugs like to live in boxelder trees and other types of maple trees.
- **49**) Boxelder bugs are attracted to the boxelder trees, it's astonishing!
- 50) It's amazing how boxelder bugs hibernate in buildings during winter!
- 51) Can you believe that boxelder bugs are a bright red color when they are young!
- 52) It's weird that boxelder bugs release a pungent and foul odor when squashed!
- 53) Boxelder bugs have black bodies and red lines on their wings.
- **54**) Do boxelder bugs bite?
- 55) Boxelder bugs love warm weather, just like us!
- **56**) Boxelder bugs are not harmful to people and do not cause any damage to homes or buildings.
- 57) What is the habitat of boxelder bugs?
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- **59**) How long do boxelder bugs live?
- **60)** Boxelder bugs change to black and red when they are adults, that's incredible!
- 61) The adult boxelder bug is 1/2 inch long, that's quite small!
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	Boxelo	der Bugs	Name:	
1.	26.	51		
2.	27			
3.	28.			
4.	29.	54.		
5.	30.	55.		
6.	31.	56.		
7.	32.	57.		
8.	33	58.		
9.	34.	59		
10.	35	60.		
11.	36.	61.		
12.	37.	62.		
13.	38.	63.		
14.	39.			
15.	40.			
16.	41			
17.	42.			
18.	43.			
19.				
20.				
21.				
23.				
24.	49.			
25.	50.			



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Name: Answer Kev

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Name: Answer Key

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Answer Key

Name:

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### Boxelder Bugs

Name:

**Answer Key** 

			2 31101001 2 0.83
1.	D	26.	false
2.	B	27.	true
3.	A	28.	fact
4.	D	29.	opinion
5.	<u>A</u>	30.	fact
6.	D	31.	opinion
7.	C	32.	fact
8.	<u>A</u>	33.	opinion
9.	<u>A</u>	34.	fact
10.	<b>D</b>	35.	fact
11.	true	36.	opinion
12.	true	37.	opinion
13.	true	38.	true
14.	false	39.	false
15.	true	40.	true
16.	false	41.	false
17.	false	42.	true
18.	true	43.	false
19.	true	44.	false
20.	true	45.	false
21.	false	46.	true
22.	true	47.	true
23.	false	48.	declarative
24.	true	49.	exclamatory
25.	false	50.	exclamatory

		N
51.	exclamatory	
52.	exclamatory	
53.	declarative	_
54.	interrogative	
55.	exclamatory	_
56.	declarative	_
57.	interrogative	_
58.	exclamatory	
59.	interrogative	_
60.	exclamatory	
61.	exclamatory	_
62.	exclamatory	_
63.	exclamatory	_

### **Boxelder Bugs**

Name:

### Solve each problem.

Use	the	article	to	answer	the	question.
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1) What color stripe pattern can be seen on boxelder bugs' bodies? (paragraph 1)

A. B. blue C. D. red

2) What do boxelder bugs prefer to eat? (paragraph 2)

A. Twigs and bark B. Seeds and leaves

C. D.

3) When do boxelder bugs start out as eggs? (paragraph 3)

A. in the spring B.

C. D.

4) Where do boxelder bugs like to hang out? (paragraph 2)

A. B. Palm trees
C. D. Boxelder trees

5) Why might boxelder bugs enter your home? (paragraph 4)

A. to escape the cold B. to lay eggs

C. D.

**6)** How many legs do boxelder bugs have? (paragraph 1)

A. B. four

C. D. six

7) When do boxelder bugs transform into adults? (paragraph 3)

A. by winter B. by fall

C. by summer D.

8) How long can boxelder bugs live? (paragraph 3)

A. up to a year B. up to a day

C. D.

9) Are boxelder bugs harmful to humans or other animals? (paragraph 4)

A. No B.

C. D.

**10)** Do boxelder bugs bite or sting? (paragraph 4)

A. B. yes

C. D. no

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

 $\boldsymbol{11)} \quad \text{"Don't worry, I'm not harmful to you." (paragraph 4)}$ 



### **Boxelder Bugs**

Name:

12) "I'm pretty small. Only half an inch long." (paragraph 1)