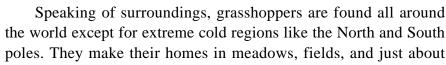


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Now, let's look at the life cycle of these leaf-loving critters. Grasshoppers go through a process called incomplete metamorphosis, which includes three stages: egg, nymph, and adult. After hatching from eggs, the nymphs look like tiny adults but without wings, and they grow bigger by shedding their skin several times. By the time they reach the adult stage, they have full-grown wings and are ready to start the cycle all over again by laying eggs.



Grasshoppers may seem small and harmless, but they actually play a big role in our world. For other animals, they're an important part of the food chain, serving as a meal for birds, reptiles, and other insects. For humans, they can sometimes be pests, damaging crops, but they're also admired for their ability to jump and are even considered symbols of luck in many cultures. With their powerful jumps, interesting life cycle, and important role in the ecosystem, grasshoppers truly are fascinating creatures to learn about.



Solve each problem.

Use the article to answer the question.

1) How many wings do grasshoppers have?

A. 3 pairs B. 1 pair

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2) What can grasshoppers be considered in many cultures?

A. Symbols of beauty

B. Symbols of luck

C. Symbols of strength D. Symbols of danger

3) Where can grasshoppers be found?

A. Fields and meadowsB. Mountains and cavesC. Deserts and junglesD. Oceans and rivers

4) Why are grasshoppers admired in some cultures?

A. Ability to climbB. Ability to flyC. Ability to jumpD. Ability to swim

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B. Serve as predators for smaller insects

C. Serve as a meal for predators

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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).

11) "As grasshoppers, we hate plants and prefer to live in concrete cities."

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- **29**) "I'm probably most well known for my powerful hind legs. I use them to jump from blade of grass to blade of grass."
- 30) "Birds, reptiles, and other insects might see me as a meal. So I must stay alert."

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

- 31) The life of a grasshopper includes three stages the egg, nymph and adult stages.
- **32)** Grasshoppers' vibrant colors make them the most beautiful insects.
- 33) Grasshoppers usually eat leaves, grasses, and cereal crops.
- 34) Grasshoppers are more interesting than other insects because they have two pairs of wings.
- 35) Grasshoppers can have different colors including green, brown, yellow or red.
- **36)** It is amazing how grasshoppers can grow bigger by shedding their skin.
- 37) A lot of animals like birds, reptiles, and even other insects eat grasshoppers.
- 38) You cannot find grasshoppers in extremely cold areas like the North and South poles.
- **39**) Grasshoppers eating plants is a bit annoying.
- **40**) Grasshoppers are interesting because they can jump really high.

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- **41**) Grasshoppers serve as a meal for birds.
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Name:

- 44) Grasshoppers belong to the same group of bugs as bees and butterflies.
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- **49**) Grasshoppers damage crops and are considered pests by humans.
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Determine which choice is the expanded form of the underlined contraction.

- 51) Grasshoppers aren't nocturnal; they're active during the day.
 - A. are

B. are not

C. cannot

- D. do not
- **52)** Some grasshoppers can jump up to 1 meter, which's really far for their size.
 - A. which is

B. which were

C. which are

- D. which will be
- 53) Grasshoppers don't chew their food but swallow it whole.
 - A. does not

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- 54) Grasshoppers can't change their color like chameleons.
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B can

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D. will not

55) There're more than 11,000 species of grasshoppers in the world.

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

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- 57) What do grasshoppers eat?
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- 60) Grasshoppers communicate by making chirping sounds using their back legs.
- **61)** Learn about the different species of grasshoppers and their habitats.
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- 63) Grasshoppers use their hind legs to leap high into the air! Fascinating!
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Name:

- **66)** Grasshoppers eat plants and can consume large amounts of leaves.
- 67) Did you know that a grasshopper has no lungs, breathes through tiny tubes all along their body, it's fantastic!
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- 69) Some grasshoppers are known as locusts and they can swarm in the millions! Unbelievable!
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- 71) Did you know, grasshoppers have been around for 300 million years? Amazing!
- 72) Can you imagine? In certain cultures, grasshoppers are considered a delicacy and are eaten for protein!
- 73) It's astonishing that grasshoppers have five eyes!
- **74)** Grasshoppers have wings and can fly short distances.
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- 82) Observe the different colors and patterns on grasshoppers' bodies.
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- **84)** Catch a grasshopper using a net.
- **85**) Do grasshoppers live in groups or alone?
- Grasshoppers molt their exoskeleton several times as they grow.

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

- 87) Grasshoppers have powerful hind legs that allow them to leap great distances. Based on this statement, what conclusion can be drawn about grasshoppers?
 - A. Grasshoppers have weak front legs.
- B. Grasshoppers use their hind legs to move quickly and escape predators.
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- D. Grasshoppers can't fly.



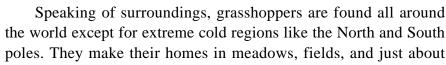
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- **88)** Certain species of grasshoppers can release a bad-tasting foam when they feel threatened. How does this foam help protect them?
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 - A. Grasshoppers change their skin color when they molt.
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	Grass I	Ioppers	Name:	
1	26.	51.	76	
2.	27	52.	77.	
3.	28	53	78.	
4.	29	54	79.	
5.	30.	55	80.	
6.	31.	56.	81.	
7.	32.	57.	82.	
8.	33	58.	83.	
9.	34.	59.	84.	
10.	35.	60.	85.	
11.	36.	61.	86.	
12.	37	62.	87.	
13.	38.	63.	88.	
14.	39.	64.	89.	
15.	40.	65.	90.	
16.	41.	66.	91.	
17.	42.	67.		
18.	43.	68.		
19.		69.		
20.	45.	70.		
21				
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24.				
Reading	50.	75		



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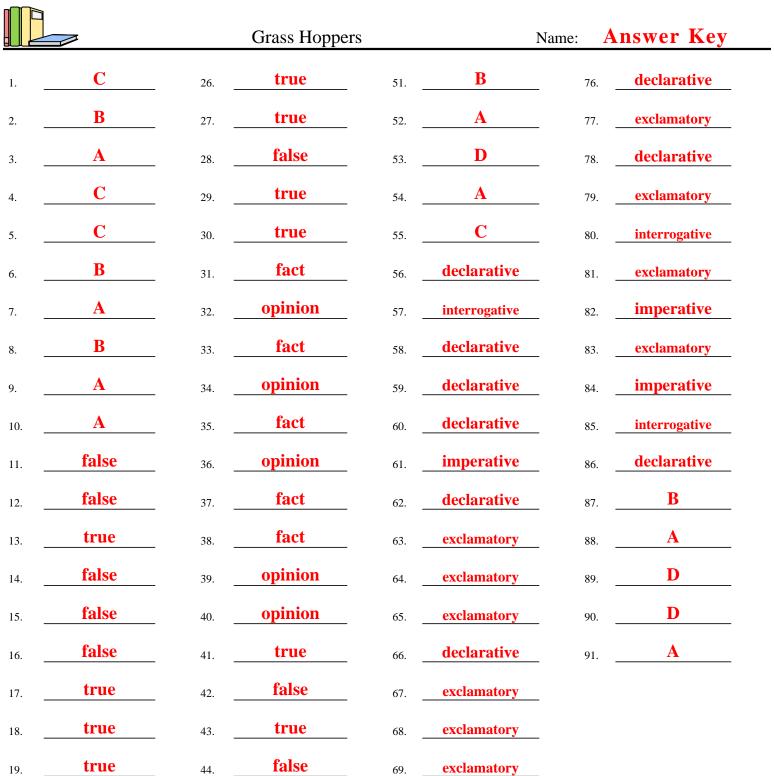
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20.

46.

45.

true

exclamatory 70.

21.

false

true

false

false

71.

exclamatory

22.

false

47.

false

false

true

72.

exclamatory

23.

true

48.

73.

exclamatory

exclamatory

24.

25.

false

49.

50.

true

74.

75.

declarative

Reading

Name:

Solve each problem.

Use the article	to	answer	the	question.
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1) How many wings do grasshoppers have? (paragraph 1)

A. B. 1 pair

C. 2 pairs D.

2) What can grasshoppers be considered in many cultures? (paragraph 4)

A. Symbols of beauty

B. Symbols of luck

C. D.

3) Where can grasshoppers be found? (paragraph 2)

A. Fields and meadows

B. Mountains and caves

C. D.

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A. B. Ability to fly

C. Ability to jump D.

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C. D.

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12) "I eat meat regularly." (paragraph 2)