Let's hop into the world of a fascinating creature - the grasshopper! These intriguing insects belong to the group of bugs called Orthoptera, which also includes crickets and katydids. Grasshoppers are known for their long, slender bodies, powerful hind legs for jumping, and two pairs of wings. They can come in many colors, from green and brown to bright yellow or red, which helps them blend into their surroundings.



Speaking of surroundings, grasshoppers are found all around the world except for extreme cold regions like the North and South poles. They make their homes in meadows, fields, and just about anywhere with lots of plants. Why, you ask? Because these insects are primarily herbivores, munching on a diet of leaves, grasses, and cereal crops. Some larger species might eat smaller insects, but mostly, they're all about the greens.

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.



Grass Hoppers

|            |                                              | <u> </u> |                                          |
|------------|----------------------------------------------|----------|------------------------------------------|
| Solv       | e each problem.                              |          |                                          |
| Use        | the article to answer the question.          |          |                                          |
| 1)         | How many wings do grasshoppers have?         |          |                                          |
|            | A. 3 pairs                                   | В.       | grasshoppers do not have wings           |
|            | C. 2 pairs                                   | D.       | 1 pair                                   |
| 2)         | What can grasshoppers be considered in mar   | iy cu    | lltures?                                 |
|            | A. Symbols of luck                           | В.       | Symbols of strength                      |
|            | C. Symbols of beauty                         | D.       | Symbols of danger                        |
| 3)         | Where can grasshoppers be found?             |          |                                          |
|            | A. Deserts and jungles                       | В.       | Mountains and caves                      |
|            | C. Oceans and rivers                         | D.       | Fields and meadows                       |
| 4)         | Why are grasshoppers admired in some culture | ires?    |                                          |
|            | A. Ability to swim                           | В.       | Ability to fly                           |
|            | C. Ability to climb                          | D.       | Ability to jump                          |
| 5)         | What is the role of grasshoppers in the food | chair    | 1?                                       |
|            | A. Serve as plant fertilizers                | В.       | Serve as predators for smaller insects   |
|            | C. Serve as a meal for predators             | D.       | Serve as pollinators for flowers         |
| 6)         | What are grasshoppers primarily known for?   |          |                                          |
|            | A. Flying                                    | В.       | Swimming                                 |
|            | C. Climbing                                  | D.       | Jumping                                  |
| 7)         | What do grasshoppers primarily eat?          |          |                                          |
|            | A. Nuts and seeds                            | В.       | Meat and smaller insects                 |
|            | C. Leaves and grasses                        | D.       | Fish and algae                           |
| 8)         | What is the process called where grasshoppe  | rs go    | through different stages of development? |
|            | A. Incomplete metamorphosis                  | В.       | Slow metamorphosis                       |
|            | C. Complete metamorphosis                    | D.       | Instant metamorphosis                    |
| 9)         | What happens to the nymphs as they grow bi   | igger    | r?                                       |
|            | A. They form cocoons                         | В.       | They shed their skin several times       |
|            | C. Their color changes                       | D.       | They grow larger wings                   |
| 10)        | What do grasshopper nymphs look like?        |          |                                          |
|            | A. Small worms                               | В.       | Tiny adults with no rear legs            |
|            | C. Tiny adults without wings                 | D.       | Caterpillars with only 6 legs            |
| <b>D</b> ( |                                              |          |                                          |

# 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."
- 12) "I eat meat regularly."

|             | Grass Hoppers Name:                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------|
| <u>13</u> ) | "You can find me anywhere around the globe except in the icy regions like the North pole.<br>It's just too cold there!" |
| 14)         | "We grasshoppers don't like to jump, we prefer crawling around."                                                        |
| 15)         | "I'm born with fully grown wings."                                                                                      |
| 16)         | "I cannot jump at all."                                                                                                 |
| 17)         | "As a herbivore, I love eating leaves, grasses, and cereal crops. Yum, yum!"                                            |
| 18)         | "We're more than just jumping bugs. We grasshoppers actually play a pretty big role in the food chain."                 |
| <b>19</b> ) | "You might see us in many colors, it helps me and my friends hide from our predators."                                  |
| 20)         | "I prefer to live in the North and South poles."                                                                        |
| 21)         | "I only love to live in areas with extreme cold temperatures."                                                          |
| 22)         | "I'm considered bad luck in many cultures."                                                                             |
| 23)         | "You'll see me hanging out in meadows and fields a lot. Lots of greenery to munch on!"                                  |
| 24)         | "I can be a beneficial insect for crop farmers."                                                                        |
| 25)         | "In many cultures, I am seen as a symbol of good luck. It's pretty cool, right?"                                        |
| 26)         | "From a tiny egg, I become a little version of my adult self, then I grow wings and become a full-grown grasshopper."   |
| 27)         | "Some of my bigger cousins might nibble on smaller insects, but we mostly prefer our veggies."                          |
| 28)         | "I'm a carnivore, I only eat other small insects."                                                                      |
| 29)         | "I'm probably most well known for my powerful hind legs. I use them to jump from blade of grass."                       |
| 30)         | "Birds, reptiles, and other insects might see me as a meal. So I must stay alert."                                      |
| Dete        | ermine 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.                                    |
| <b>39</b> ) | Grasshoppers eating plants is a bit annoying.                                                                           |
| <b>40</b> ) | Grasshoppers are interesting because they can jump really high.                                                         |
| Dete        | ermine if the statement is true or false.                                                                               |
| 41)         | Grasshoppers serve as a meal for birds.                                                                                 |
|             |                                                                                                                         |

- 42) Grasshoppers are considered symbols of bad luck in many cultures.
- **43**) Grasshopper nymphs do not have wings.

| 44       Grasshoppers belong to the same group of bugs as bees and butterflies.         45       Grasshoppers grow bigger by shedding their skin.         46       Grasshoppers are primarily carnivores, munching on smaller insects.         47       Grasshoppers are all green in color.         48       Grasshoppers are born with full-grown wings.         49       Grasshoppers damage crops and are considered pests by humans.         50       Grasshoppers damage crops and are considered pests by humans.         50       Grasshoppers aren't nocturnal; they're active during the day.         A. are       B. are not         C. cannot       D. do not         51       Grasshoppers can jump up to 1 meter, which's really far for their size.         A. which is       B. which were         C. which are       D. do not         53       Grasshoppers <u>can't</u> chew their food but swallow it whole.         A. does not       B. did not         C. cannot       D. do not         54       Grasshoppers <u>can't</u> change their color like chameleons.         A. cannot       D. do not         55       There're more than 11,000 species of grasshoppers in the world.         A. there were       B. there is         C. there are       D. they are         Determine if the sentence is a declarativ                                                                                                                                                                                                   |             |                                                                        | c u                               |                 |  |  |  |  |  |
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| <ul> <li>C. do not</li> <li>D. will not</li> <li>55) There're more than 11,000 species of grassh&gt;pers in the world.</li> <li>A. there were</li> <li>B. there is</li> <li>C. there are</li> <li>D. they are</li> </ul> Determine if the sentence is a declarative(d), exclamatory(e), interrogative(i) or imperative(m). 56) Grasshoppers have big eyes that help them set in all directions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 54)         | Grasshoppers can't change their c                                      | olor like chameleons.             |                 |  |  |  |  |  |
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| <ul><li>imperative(m).</li><li>56) Grasshoppers have big eyes that help them see in all directions.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | C. there are                                                           | D. they are                       |                 |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                                                                        | ative(d), exclamatory(e), inter   | rrogative(i) or |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -           |                                                                        | help them see in all directions.  |                 |  |  |  |  |  |
| 57) What do grasshoppers eat?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 57)         | What do grasshoppers eat?                                              |                                   |                 |  |  |  |  |  |

- 58) Grasshoppers have a strong body and can survive in different climates and environments.
- **59)** Grasshoppers are known for their ability to camouflage and blend in with their surroundings.
- 60) Grasshoppers communicate by making chirping sounds using their back legs.
- 61) Learn about the different species of grasshoppers and their habitats.
- 62) Grasshoppers play an important role in the ecosystem as both predator and prey.
- 63) Grasshoppers use their hind legs to leap high into the air! Fascinating!
- 64) Grasshoppers can be green, brown, or a combination of both, what an astonishing biodiversity!
- 65) It's mind-boggling to think that grasshoppers have been on Earth for 250 million years!

|             | Grass Hoppers Name:                                                                                                   |  |  |  |  |  |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| <b>66</b> ) |                                                                                                                       |  |  |  |  |  |  |
| 67)         | Did you know that a grasshopper has no lungs, breathes through tiny tubes all along their body, it's fantastic!       |  |  |  |  |  |  |
| 68)         | Grasshoppers are so cool that some species can perform a buzzing sound known as stridulation, it's musical!           |  |  |  |  |  |  |
| <b>69</b> ) | Some grasshoppers are known as locusts and they can swarm in the millions!<br>Unbelievable!                           |  |  |  |  |  |  |
| 70)         | It's hard to believe, but when grasshoppers are threatened, they will spit brown liquid, eeewww!                      |  |  |  |  |  |  |
| 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.                                                                  |  |  |  |  |  |  |
| 75)         | Grasshoppers can leap 20 times the length of their own body, it's incredible!                                         |  |  |  |  |  |  |
| 76)         | Grasshoppers are insects that can jump very high.                                                                     |  |  |  |  |  |  |
| 77)         | It's bewildering to know that a grasshopper's ears are located on its belly!                                          |  |  |  |  |  |  |
| 78)         | Grasshoppers have powerful hind legs that allow them to jump up to 20 times their body length.                        |  |  |  |  |  |  |
| <b>79</b> ) | Wow, grasshoppers can leap 20 times the length of their own body!                                                     |  |  |  |  |  |  |
| 80)         | Can grasshoppers fly?                                                                                                 |  |  |  |  |  |  |
| 81)         | By listening to a grasshopper's sounds, we can tell its temperature! How awesome is that?                             |  |  |  |  |  |  |
| 82)         | Observe the different colors and patterns on grasshoppers' bodies.                                                    |  |  |  |  |  |  |
| 83)         | What a surprise to know that the grasshopper's powerful hind legs work like miniature catapults!                      |  |  |  |  |  |  |
| 84)         | Catch a grasshopper using a net.                                                                                      |  |  |  |  |  |  |
| 85)         | Do grasshoppers live in groups or alone?                                                                              |  |  |  |  |  |  |
| 86)         |                                                                                                                       |  |  |  |  |  |  |
| Dete        | ermine which choice is the conclusion that can be drawn from the statement.                                           |  |  |  |  |  |  |
| 87)         |                                                                                                                       |  |  |  |  |  |  |
|             | A. Grasshoppers have weak front legs.<br>B. Grasshoppers use their hind legs to<br>move quickly and escape predators. |  |  |  |  |  |  |
|             | C. Grasshoppers use their hind legs for D. Grasshoppers can't fly. digging.                                           |  |  |  |  |  |  |
|             |                                                                                                                       |  |  |  |  |  |  |

|                                                                                                       |    | Grass Hoj                                                                               | ope  | rs Name:                                                                  |  |  |
|-------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------|--|--|
| <b>88</b> ) Certain species of grasshoppers can release a bad-tasting foam when they feel threatened. |    |                                                                                         |      |                                                                           |  |  |
|                                                                                                       | Ho | w does this foam help protect them?                                                     |      |                                                                           |  |  |
|                                                                                                       | A. | The bad-tasting foam deters predators from eating the grasshopper.                      | B.   | The foam attracts other grasshoppers<br>to help defend against predators. |  |  |
|                                                                                                       | C. | The foam makes the grasshopper                                                          | D.   | The foam helps the grasshopper blend                                      |  |  |
|                                                                                                       |    | faster, allowing it to escape predators.                                                |      | in with its surroundings.                                                 |  |  |
| <b>89</b> )                                                                                           |    | asshoppers can shed their skin as they grow<br>out grasshoppers' growth process?        |      |                                                                           |  |  |
|                                                                                                       | A. | Grasshoppers change their skin color when they molt.                                    | В.   | Grasshoppers remain the same size throughout their life.                  |  |  |
|                                                                                                       | C. | Grasshoppers don't grow after                                                           | D.   | Grasshoppers undergo physical                                             |  |  |
|                                                                                                       |    | reaching adulthood.                                                                     |      | changes as they grow.                                                     |  |  |
| <b>90</b> )                                                                                           |    | asshoppers are herbivores, which means th getations?                                    | ey c | only eat plants. What might this mean for                                 |  |  |
|                                                                                                       | A. | Grasshoppers eat other insects.                                                         | В.   | Grasshoppers help plants by pollinating them.                             |  |  |
|                                                                                                       | C. | Grasshoppers only eat dead plants.                                                      | D.   | Grasshoppers could potentially harm<br>crops or plants by eating them.    |  |  |
| 91)                                                                                                   |    | asshoppers are herbivores and enjoy eating<br>en there are too many grasshoppers in one |      |                                                                           |  |  |
|                                                                                                       |    | Large groups of grasshoppers an damage crops and plants.                                |      | Grasshoppers may start eating one another.                                |  |  |
|                                                                                                       | C. | Grasshoppers start eating insects                                                       | D.   | Too many grasshoppers in one area                                         |  |  |

- 2. Grasshoppers start eating insects instead of plants when there are too many of them.
- help plants grow faster.

|     |                   | Grass Hoppers        | 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. |                   | 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. | 44.               | 69.                  |          |  |
| 20. | 45.               | 70.                  |          |  |
| 21. | 46.               | 71.                  |          |  |
| 22. | 47.               | 72.                  |          |  |
| 23. | 48.               | 73.                  |          |  |
| 24. | 49.               | 74.                  |          |  |
| 25. | 50.               | 75.                  |          |  |
| ŀ   | Reading www.Commo | onCoreSheets.com Pag | e 7 of 7 |  |

Let's hop into the world of a fascinating creature - the grasshopper! These intriguing insects belong to the group of bugs called Orthoptera, which also includes crickets and katydids. Grasshoppers are known for their long, slender bodies, powerful hind legs for jumping, and two pairs of wings. They can come in many colors, from green and brown to bright yellow or red, which helps them blend into their surroundings.



Speaking of surroundings, grasshoppers are found all around the world except for extreme cold regions like the North and South poles. They make their homes in meadows, fields, and just about anywhere with lots of plants. Why, you ask? Because these insects are primarily herbivores, munching on a diet of leaves, grasses, and cereal crops. Some larger species might eat smaller insects, but mostly, they're all about the greens.

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.



**Answer Key** Name:

#### 1.1

| Solv | e each problem.                                                                                                                                                     |     |                                                                                         |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------|
|      | <ul><li>the article to answer the question.</li><li>How many wings do grasshoppers have?</li><li>A. 3 pairs</li><li>C. 2 pairs</li></ul>                            |     | grasshoppers do not have wings<br>1 pair                                                |
| 2)   | <ul><li>What can grasshoppers be considered in many</li><li>A. Symbols of luck</li><li>C. Symbols of beauty</li></ul>                                               | В.  | ltures?<br>Symbols of strength<br>Symbols of danger                                     |
| -    | <ul><li>Where can grasshoppers be found?</li><li>A. Deserts and jungles</li><li>C. Oceans and rivers</li><li>Why are grasshoppers admired in some culture</li></ul> | D.  | Mountains and caves<br>Fields and meadows                                               |
|      | <ul><li>A. Ability to swim</li><li>C. Ability to climb</li></ul>                                                                                                    | B.  | Ability to fly<br>Ability to jump                                                       |
| 5)   | <ul><li>What is the role of grasshoppers in the food c</li><li>A. Serve as plant fertilizers</li><li>C. Serve as a meal for predators</li></ul>                     | B.  | n?<br>Serve as predators for smaller insects<br>Serve as pollinators for flowers        |
| 6)   | <ul><li>What are grasshoppers primarily known for?</li><li>A. Flying</li><li>C. Climbing</li></ul>                                                                  |     | Swimming<br>Jumping                                                                     |
| 7)   | <ul><li>What do grasshoppers primarily eat?</li><li>A. Nuts and seeds</li><li>C. Leaves and grasses</li></ul>                                                       |     | Meat and smaller insects<br>Fish and algae                                              |
| 8)   | <ul><li>What is the process called where grasshopper</li><li>A. Incomplete metamorphosis</li><li>C. Complete metamorphosis</li></ul>                                | B.  | through different stages of development?<br>Slow metamorphosis<br>Instant metamorphosis |
| 9)   | <ul><li>What happens to the nymphs as they grow big</li><li>A. They form cocoons</li><li>C. Their color changes</li></ul>                                           | В.  | ?<br>They shed their skin several times<br>They grow larger wings                       |
| 10)  | <ul><li>What do grasshopper nymphs look like?</li><li>A. Small worms</li><li>C. Tiny adults without wings</li></ul>                                                 |     | Tiny adults with no rear legs<br>Caterpillars with only 6 legs                          |
| Dete | ermine if the statements is something the an                                                                                                                        | ima | l would say (W) or it it is not something                                               |

#### 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."
- 12) "I eat meat regularly."

|             | Grass Hoppers Name: Answer Key                                                                                          |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------|--|
| 13)         | "You can find me anywhere around the globe except in the icy regions like the North pole.<br>It's just too cold there!" |  |
| 14)         | "We grasshoppers don't like to jump, we prefer crawling around."                                                        |  |
| 15)         | "I'm born with fully grown wings."                                                                                      |  |
| 16)         | "I cannot jump at all."                                                                                                 |  |
| 17)         | "As a herbivore, I love eating leaves, grasses, and cereal crops. Yum, yum!"                                            |  |
| <b>18</b> ) | "We're more than just jumping bugs. We grasshoppers actually play a pretty big role in the food chain."                 |  |
| 19)         | "You might see us in many colors, it helps me and my friends hide from our predators."                                  |  |
| 20)         | "I prefer to live in the North and South poles."                                                                        |  |
| 21)         | "I only love to live in areas with extreme cold temperatures."                                                          |  |
| 22)         | "I'm considered bad luck in many cultures."                                                                             |  |
| 23)         | "You'll see me hanging out in meadows and fields a lot. Lots of greenery to munch on!"                                  |  |
| 24)         | "I can be a beneficial insect for crop farmers."                                                                        |  |
| 25)         | "In many cultures, I am seen as a symbol of good luck. It's pretty cool, right?"                                        |  |
| 26)         | "From a tiny egg, I become a little version of my adult self, then I grow wings and become a full-grown grasshopper."   |  |
| 27)         | "Some of my bigger cousins might nibble on smaller insects, but we mostly prefer our veggies."                          |  |
| 28)         | "I'm a carnivore, I only eat other small insects."                                                                      |  |
| 29)         | "I'm probably most well known for my powerful hind legs. I use them to jump from blade of grass."                       |  |
| 30)         | "Birds, reptiles, and other insects might see me as a meal. So I must stay alert."                                      |  |
| Dete        | ermine 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.                                    |  |
| <b>39</b> ) | Grasshoppers eating plants is a bit annoying.                                                                           |  |
| <b>40</b> ) | Grasshoppers are interesting because they can jump really high.                                                         |  |
| Dete        | ermine if the statement is true or false.                                                                               |  |
| 41)         | Grasshoppers serve as a meal for birds.                                                                                 |  |

- **42)** Grasshoppers are considered symbols of bad luck in many cultures.
- **43**) Grasshopper nymphs do not have wings.

|                                                                                                   | Grass Hoppe                                              | ers                            | Name:     | Answer Key |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-----------|------------|--|--|--|--|--|
| 44)                                                                                               |                                                          |                                |           |            |  |  |  |  |  |
| 45)                                                                                               | Grasshoppers grow bigger by shedding their skin.         |                                |           |            |  |  |  |  |  |
| <b>46</b> )                                                                                       | Grasshoppers are primarily carnivores, munching          | ng on smaller insects.         |           |            |  |  |  |  |  |
| 47)                                                                                               | Grasshoppers are all green in color.                     |                                |           |            |  |  |  |  |  |
| <b>48</b> )                                                                                       | Grasshoppers are born with full-grown wings.             |                                |           |            |  |  |  |  |  |
| <b>49</b> )                                                                                       | Grasshoppers damage crops and are considered             | pests by humans.               |           |            |  |  |  |  |  |
| <b>50</b> )                                                                                       | Grasshoppers have powerful hind legs for jump            | ing.                           |           |            |  |  |  |  |  |
| Dete                                                                                              | rmine which choice is the expanded form of t             | he underlined contraction.     |           |            |  |  |  |  |  |
| 51)                                                                                               | Grasshoppers <u>aren't</u> nocturnal; they're active dur | • •                            |           |            |  |  |  |  |  |
|                                                                                                   |                                                          | . are not                      |           |            |  |  |  |  |  |
|                                                                                                   | C. cannot D                                              | . do not                       |           |            |  |  |  |  |  |
| 52)                                                                                               | Some grasshoppers can jump up to 1 meter, whi            | -                              |           |            |  |  |  |  |  |
|                                                                                                   |                                                          | . which were                   |           |            |  |  |  |  |  |
|                                                                                                   | C. which are D                                           | . which will be                |           |            |  |  |  |  |  |
| 53)                                                                                               | Grasshoppers don't chew their food but swallow           | it whole.                      |           |            |  |  |  |  |  |
|                                                                                                   | A. does not B                                            | . did not                      |           |            |  |  |  |  |  |
|                                                                                                   | C. cannot D                                              | . do not                       |           |            |  |  |  |  |  |
| 54)                                                                                               | Grasshoppers can't change their color like cham          | eleons.                        |           |            |  |  |  |  |  |
|                                                                                                   | A. cannot B                                              | . can                          |           |            |  |  |  |  |  |
|                                                                                                   | C. do not D                                              | . will not                     |           |            |  |  |  |  |  |
| 55)                                                                                               | There're more than 11,000 species of grasshopped         | ers in the world.              |           |            |  |  |  |  |  |
|                                                                                                   | A. there were B                                          | . there is                     |           |            |  |  |  |  |  |
|                                                                                                   | C. there are D                                           | . they are                     |           |            |  |  |  |  |  |
| Determine if the sentence is a declarative(d), exclamatory(e), interrogative(i) or imperative(m). |                                                          |                                |           |            |  |  |  |  |  |
| 56)                                                                                               | Grasshoppers have big eyes that help them see            | in all directions.             |           |            |  |  |  |  |  |
| 57)                                                                                               | What do grasshoppers eat?                                |                                |           |            |  |  |  |  |  |
| 58)                                                                                               | Grasshoppers have a strong body and can survi            | ve in different climates and e | nvironmen | ts.        |  |  |  |  |  |

- **59)** Grasshoppers are known for their ability to camouflage and blend in with their surroundings.
- 60) Grasshoppers communicate by making chirping sounds using their back legs.
- 61) Learn about the different species of grasshoppers and their habitats.
- 62) Grasshoppers play an important role in the ecosystem as both predator and prey.
- 63) Grasshoppers use their hind legs to leap high into the air! Fascinating!
- **64)** Grasshoppers can be green, brown, or a combination of both, what an astonishing biodiversity!
- 65) It's mind-boggling to think that grasshoppers have been on Earth for 250 million years!

Reading

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|             | Grass Hoppers                                                                                                           | Name:        | Answer | Key |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------|--------------|--------|-----|--|--|--|--|--|
| 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!         |              |        |     |  |  |  |  |  |
| <b>68</b> ) | Grasshoppers are so cool that some species can perform a buzzing sound known as stridulation, it's musical!             |              |        |     |  |  |  |  |  |
| <b>69</b> ) | Some grasshoppers are known as locusts and they can swarm in the millions!<br>Unbelievable!                             |              |        |     |  |  |  |  |  |
| 70)         | It's hard to believe, but when grasshoppers are threatened, they will spit brow eeewww!                                 | wn liquid,   |        |     |  |  |  |  |  |
| 71)         | Did you know, grasshoppers have been around for 300 million years? Amaz                                                 | zing!        |        |     |  |  |  |  |  |
| 72)         | Can you imagine? In certain cultures, grasshoppers are considered a delicac for protein!                                | y and are ea | aten   |     |  |  |  |  |  |
| 73)         | It's astonishing that grasshoppers have five eyes!                                                                      |              |        |     |  |  |  |  |  |
| 74)         | Grasshoppers have wings and can fly short distances.                                                                    |              |        |     |  |  |  |  |  |
| 75)         | Grasshoppers can leap 20 times the length of their own body, it's incredible!                                           | !            |        |     |  |  |  |  |  |
| 76)         | Grasshoppers are insects that can jump very high.                                                                       |              |        |     |  |  |  |  |  |
| 77)         | It's bewildering to know that a grasshopper's ears are located on its belly!                                            |              |        |     |  |  |  |  |  |
| <b>78</b> ) | Grasshoppers have powerful hind legs that allow them to jump up to 20 time length.                                      | es their bod | ly     |     |  |  |  |  |  |
| <b>79</b> ) | Wow, grasshoppers can leap 20 times the length of their own body!                                                       |              |        |     |  |  |  |  |  |
| <b>80</b> ) | Can grasshoppers fly?                                                                                                   |              |        |     |  |  |  |  |  |
| 81)         | By listening to a grasshopper's sounds, we can tell its temperature! How away                                           | esome is th  | at?    |     |  |  |  |  |  |
| 82)         | Observe the different colors and patterns on grasshoppers' bodies.                                                      |              |        |     |  |  |  |  |  |
| 83)         | What a surprise to know that the grasshopper's powerful hind legs work like catapults!                                  | e miniature  |        |     |  |  |  |  |  |
| <b>84</b> ) | Catch a grasshopper using a net.                                                                                        |              |        |     |  |  |  |  |  |
| 85)         | Do grasshoppers live in groups or alone?                                                                                |              |        |     |  |  |  |  |  |
| 86)         | Grasshoppers molt their exoskeleton several times as they grow.                                                         |              |        |     |  |  |  |  |  |
| Dete        | termine which choice is the conclusion that can be drawn from the statement.                                            |              |        |     |  |  |  |  |  |
| 87)         |                                                                                                                         |              |        |     |  |  |  |  |  |
|             | <ul><li>A. Grasshoppers have weak front legs.</li><li>B. Grasshoppers use their hin move quickly and escape p</li></ul> | -            |        |     |  |  |  |  |  |
|             | C. Grasshoppers use their hind legs for D. Grasshoppers can't fly. digging.                                             |              |        |     |  |  |  |  |  |
|             |                                                                                                                         |              |        |     |  |  |  |  |  |

|             | Grass He                                                                                    | pers Name: Ansv                                                        | ver Key |  |  |  |  |  |  |
|-------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------|--|--|--|--|--|--|
| <b>88</b> ) | ) Certain species of grasshoppers can release a bad-tasting foam when they feel threatened. |                                                                        |         |  |  |  |  |  |  |
|             | How does this foam help protect them?                                                       |                                                                        |         |  |  |  |  |  |  |
|             | A. The bad-tasting foam deters predators                                                    | B. The foam attracts other grasshoppers                                |         |  |  |  |  |  |  |
|             | from eating the grasshopper.                                                                | to help defend against predators.                                      |         |  |  |  |  |  |  |
|             | C. The foam makes the grasshopper                                                           | D. The foam helps the grasshopper blend                                |         |  |  |  |  |  |  |
|             | faster, allowing it to escape predators.                                                    | in with its surroundings.                                              |         |  |  |  |  |  |  |
| <b>89</b> ) | Grasshoppers can shed their skin as they greabout grasshoppers' growth process?             | , a process called molting. What is implied                            |         |  |  |  |  |  |  |
|             | A. Grasshoppers change their skin color                                                     | B. Grasshoppers remain the same size                                   |         |  |  |  |  |  |  |
|             | when they molt.                                                                             | throughout their life.                                                 |         |  |  |  |  |  |  |
|             | C. Grasshoppers don't grow after                                                            | D. Grasshoppers undergo physical                                       |         |  |  |  |  |  |  |
|             | reaching adulthood.                                                                         | changes as they grow.                                                  |         |  |  |  |  |  |  |
| <b>90</b> ) | Grasshoppers are herbivores, which means vegetations?                                       | ey only eat plants. What might this mean for                           |         |  |  |  |  |  |  |
|             | A. Grasshoppers eat other insects.                                                          | B. Grasshoppers help plants by pollinating them.                       |         |  |  |  |  |  |  |
|             | C. Grasshoppers only eat dead plants.                                                       | D. Grasshoppers could potentially harm crops or plants by eating them. |         |  |  |  |  |  |  |
| <b>91</b> ) | Grasshoppers are herbivores and enjoy eating when there are too many grasshoppers in or     | grass, leaves, and flowers. What can happen area?                      |         |  |  |  |  |  |  |
|             | A. Large groups of grasshoppers can damage crops and plants.                                | B. Grasshoppers may start eating one another.                          |         |  |  |  |  |  |  |
|             | C. Grasshoppers start eating insects instead of plants when there are too                   | D. Too many grasshoppers in one area help plants grow faster.          |         |  |  |  |  |  |  |

many of them.

|     |          |           | Grass Hoppe     | ers          |               | Name: A | nswer Key     |
|-----|----------|-----------|-----------------|--------------|---------------|---------|---------------|
| 1.  | С        | 26.       | true            | 51.          | В             | 76.     | declarative   |
| 2.  | A        | 27.       | true            | 52.          | Α             | 77.     | exclamatory   |
| 3.  | D        | 28.       | false           | 53.          | D             | 78.     | declarative   |
| 4.  | D        | 29.       | true            | 54.          | Α             | 79.     | exclamatory   |
| 5.  | С        | 30.       | true            | 55.          | С             | 80.     | interrogative |
| 6.  | <b>D</b> | 31.       | fact            | 56.          | declarative   | 81.     | exclamatory   |
| 7.  | C        | 32.       | opinion         | 57.          | interrogative | 82.     | imperative    |
| 8.  | A        | 33.       | fact            | 58.          | declarative   | 83.     | exclamatory   |
| 9.  | B        | 34.       | opinion         | 59.          | declarative   | 84.     | imperative    |
| 10. | C        | 35.       | fact            | 60.          | declarative   | 85.     | interrogative |
| 11. | false    | 36.       | opinion         | 61.          | imperative    | 86.     | declarative   |
| 12. | false    | 37.       | fact            | 62.          | declarative   | 87.     | В             |
| 13. | true     | 38.       | fact            | 63.          | exclamatory   | 88.     | Α             |
| 14. | false    | 39.       | opinion         | 64.          | exclamatory   | 89.     | D             |
| 15. | false    | 40.       | opinion         | 65.          | exclamatory   | 90.     | D             |
| 16. | false    | 41.       | true            | 66.          | declarative   | 91.     | Α             |
| 17. | true     | 42.       | false           | 67.          | exclamatory   | _       |               |
| 18. | true     | 43.       | true            | 68.          | exclamatory   | _       |               |
| 19. | true     | 44.       | false           | 69. <u>-</u> | exclamatory   | _       |               |
| 20. | false    | 45.       | true            | 70.          | exclamatory   | _       |               |
| 21. | false    | 46.       | false           | 71.          | exclamatory   | _       |               |
| 22. | false    | 47.       | false           | 72.          | exclamatory   | _       |               |
| 23. | true     | 48.       | false           | 73.          | exclamatory   | _       |               |
| 24. | false    | 49.       | true            | 74.          | declarative   | _       |               |
| 25. | true     | 50.       | true            | 75.          | exclamatory   | _       |               |
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**Grass Hoppers** 

## Solve each problem.

| Solve each problem.                                                                         |                                                                                           |                                                                   |  |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--|
| Use the article to answer the question.                                                     |                                                                                           |                                                                   |  |
| 1)                                                                                          | How many wings do grasshoppers have? (parage                                              |                                                                   |  |
|                                                                                             | A.                                                                                        | B. grasshoppers do not have wings                                 |  |
|                                                                                             | C. 2 pairs                                                                                | D.                                                                |  |
| 2)                                                                                          | What can grasshoppers be considered in many cultures? (paragraph 4)                       |                                                                   |  |
|                                                                                             | A. Symbols of luck                                                                        | В.                                                                |  |
|                                                                                             | C.                                                                                        | D.                                                                |  |
|                                                                                             |                                                                                           |                                                                   |  |
| 3)                                                                                          | Where can grasshoppers be found? (paragraph 2)                                            |                                                                   |  |
|                                                                                             | A. Deserts and jungles                                                                    | B. Mountains and caves                                            |  |
|                                                                                             | С.                                                                                        | D. Fields and meadows                                             |  |
| 4)                                                                                          | Why are grasshoppers admired in some cultures? (paragraph 4)                              |                                                                   |  |
| •)                                                                                          | A. Ability to swim                                                                        | B.                                                                |  |
|                                                                                             | C.                                                                                        | D. Ability to jump                                                |  |
|                                                                                             |                                                                                           | D. Romey to jump                                                  |  |
| 5)                                                                                          | What is the role of grasshoppers in the food c                                            | What is the role of grasshoppers in the food chain? (paragraph 4) |  |
|                                                                                             | А.                                                                                        | B. Serve as predators for smaller insects                         |  |
|                                                                                             | C. Serve as a meal for predators                                                          | D.                                                                |  |
| 6)                                                                                          | What are grasshoppers primarily known for? (paragraph 1)                                  |                                                                   |  |
| 0)                                                                                          | A. Flying                                                                                 | B.                                                                |  |
|                                                                                             | C.                                                                                        | D. Jumping                                                        |  |
|                                                                                             | С.                                                                                        | D. Jumping                                                        |  |
| 7)                                                                                          | What do grasshoppers primarily eat? (paragraph 2)                                         |                                                                   |  |
|                                                                                             | A. Nuts and seeds                                                                         | B. Meat and smaller insects                                       |  |
|                                                                                             | C. Leaves and grasses                                                                     | D.                                                                |  |
| 8)                                                                                          | What is the process called where grasshoppers go through different stages of development? |                                                                   |  |
| 0)                                                                                          | (paragraph 3)                                                                             |                                                                   |  |
|                                                                                             | A. Incomplete metamorphosis                                                               | B. Slow metamorphosis                                             |  |
|                                                                                             | С.                                                                                        | D.                                                                |  |
| 9)                                                                                          | What happens to the nymphs as they grow bigger? (paragraph 3)                             |                                                                   |  |
| ")                                                                                          | A. They form cocoons                                                                      | B. They shed their skin several times                             |  |
|                                                                                             | C.                                                                                        | D.                                                                |  |
|                                                                                             | С.                                                                                        | D.                                                                |  |
| 10)                                                                                         | What do grasshopper nymphs look like? (paragraph 3)                                       |                                                                   |  |
|                                                                                             | A. Small worms                                                                            | В.                                                                |  |
|                                                                                             | C. Tiny adults without wings                                                              | D.                                                                |  |
|                                                                                             |                                                                                           |                                                                   |  |
| 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." (paragraph 2)



Grass Hoppers

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

