

# ENGLISH PLUS

WITH  
ANSWER  
KEY

## PRACTICE WORKSHEETS



### LISTENING

### ANIMALS - BATS

# Listening | Animals-Bats

## Comprehension

1. *Put the headers where they belong in the text below.*

[1]

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It is nearly dark. From out of a cave, a black cloud **swirls**. Suddenly you realize that it is made up of thousands of bats.

Does this make you think of Halloween, or movies about Dracula? People often fear bats as “creatures of the night.” Yet these remarkable animals are helpful to us. They eat insect **pests**. They **pollinate** useful plants, as bees do. Their droppings, called guano, are used as fertilizer.

[2]

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Bats are mammals. They are the only mammals that fly. There are nearly 1,000 **species** of bats. They are found in all kinds of **habitats**. Bats live in tropical rain forests. They live in climates so cold that trees won't grow there. Unlike other mammals, when bats rest they lower their body temperature to save energy. In very cold weather, they **hibernate**.

A bat's wings are made of two layers of skin. The wings are supported by bones like those in your hand. The thumbs have claws and lie outside the wings. The bat uses them to cling to the places where it **roosts**. These may be trees, caves, or even buildings. Muscles attached to the wings power the bat's flight.

Bats come in many sizes. The largest is the Malayan flying fox. It is 16 inches (41 centimeters) long. Its wings span 5.6 feet (1.7 meters). The Kitti's hog-nosed bat is the smallest of all mammals. It's about an inch (3 centimeters) long-the size of a bumblebee-and is also known as the bumblebee bat.

[3]

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Bats are divided into two groups, megabats (large) and microbats (small). Megabats are called “flying foxes” because of their foxlike faces. They eat mostly fruit. Because they are **sloppy** eaters, they spread the seeds and pollen of fruits such as bananas, dates, and figs. This **scattering** helps the plants reproduce.

Most microbats are meat eaters. About two-thirds of all bat species eat insects. One common American species, the little brown bat, may eat 600 mosquitoes in an hour. Other microbats eat fish, frogs, small birds, lizards, and small mammals.

**[4]**

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It isn't true that bats are "blind as a bat." Most fruit-eating bats feed by day and can see very well. Some even see colors. Even microbats, which sleep by day and hunt by night, have some vision. They use it to find food. They also use smell and, especially, hearing.

Bats send out short pulses of sound. The sounds are usually too high for people to hear. The sound waves spread out in front of the bat. They strike objects in its path and bounce back as an echo. This process, called echolocation, helps the bat find food and avoid bumping into things.

**[5]**

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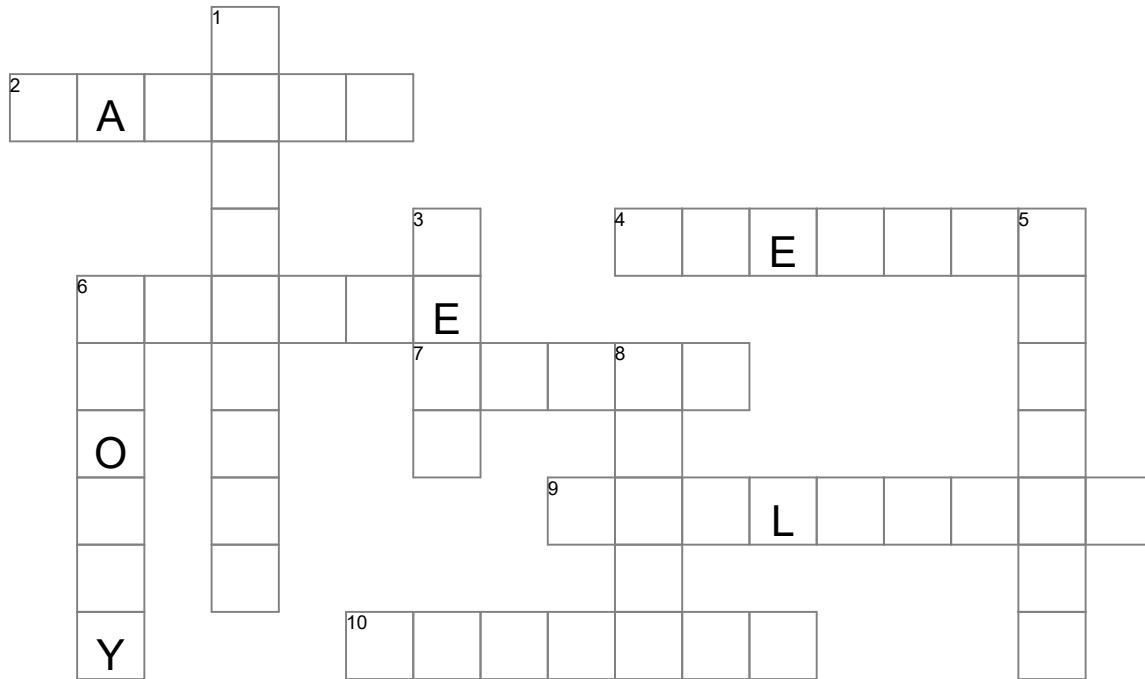
Then there are the famous vampire bats. There are three species of vampire bats, all in Central and South America. And yes, they do feed on blood, mostly that of farm animals. A vampire bat needs about two tablespoons of blood a day.

Even vampire bats have their uses. Their **saliva** contains a substance that prevents blood from clotting. Doctors use it to make a medicine for heart attack and **stroke** patients. The name of this medicine is Draculin.

- A. KINDS OF BATS
- B. BATS
- C. WHAT IS A BAT?
- D. VAMPIRE BATS
- E. HOW DO BATS FIND FOOD?

# Key Vocabulary Practice

2. **Using the Across and Down clues, write the correct words in the numbered grid below.**



### ACROSS

- 2. spit, dribble, drool, slaver
- 4. kind, sort, type, group
- 6. A \_\_\_\_\_ of luck or good fortune is something lucky that happens.
- 7. whirl, churn, spin, twist
- 9. to transfer pollen from the anthers to the stigma of (a flower)
- 10. home, environment, surroundings, element

### DOWN

- 1. sleep, lie dormant, winter, overwinter
- 3. You can describe someone, especially a child, as a \_\_\_\_\_ if they keep bothering you.
- 5. If you \_\_\_\_\_ things over an area, you throw or drop them so that they spread all over the area.
- 6. If you describe someone or something as \_\_\_\_\_, you mean that they are sentimental and romantic.
- 8. A \_\_\_\_\_ is a place where birds or bats rest or sleep.

**Choose the best option the completes the sentences below:**

- 3. \_\_\_\_\_ the animals of such a group  
a. habitat b. roost c. swirl d. scatter e. species
- 4. \_\_\_\_\_ a person or thing that annoys, esp by imposing itself when it is not wanted; nuisance  
a. pollinate b. stroke c. sloppy d. saliva e. pest
- 5. \_\_\_\_\_ the environment in which an animal or plant normally lives or grows  
a. habitat b. saliva c. roost d. sloppy e. hibernate
- 6. \_\_\_\_\_ disperse, separate, break up, dispel  
a. scatter b. pollinate c. habitat d. swirl e. hibernate

7. \_\_\_ If bad or wrong things that someone has done in the past have come home to \_\_\_\_\_, or if their chickens have come home to \_\_\_\_\_, they are now experiencing the unpleasant effects of these actions.  
a. scatter b. stroke c. roost d. pest e. species
8. \_\_\_ (of some mammals, reptiles, and amphibians) to pass the winter in a dormant condition with metabolism greatly slowed down Compare aestivate  
a. swirl b. roost c. hibernate d. species e. sloppy
9. \_\_\_ to transfer pollen from a stamen to the upper tip of the pistil of (a flower)  
a. stroke b. pollinate c. habitat d. scatter e. saliva
10. \_\_\_ A \_\_\_\_\_ of genius or inspiration is a very good idea that someone suddenly has.  
a. species b. pest c. scatter d. stroke e. roost
11. \_\_\_ careless; untidy  
a. pest b. swirl c. sloppy d. stroke e. pollinate
12. \_\_\_ the secretion of \_\_\_\_\_ry glands, consisting of a clear usually slightly acid aqueous fluid of variable composition. It moistens the oral cavity, prepares food for swallowing, and initiates the process of digestion  
a. sloppy b. hibernate c. scatter d. habitat e. saliva
13. \_\_\_ to turn or cause to turn in a twisting spinning fashion  
a. saliva b. swirl c. habitat d. pest e. pollinate

**For each question below a number of similar words appear, but only one is spelled correctly and matches the clue that is provided. Write the letter of the correctly spelled word in the space by the question number.**

14. \_\_\_ a. SWIRLE b. SWIRL c. SWIRLL d. SWWIRL  
If you \_\_\_\_\_ something liquid or flowing, or if it \_\_\_\_\_s, it moves round and round quickly.
15. \_\_\_ a. HYBERNATE b. HIBRNAT c. HIBERNEAT d. HIBERNATE  
Animals that \_\_\_\_\_ spend the winter in a state like a deep sleep.
16. \_\_\_ a. PEST b. PEGT c. PESTE d. PYST  
\_\_\_\_\_s are insects or small animals which damage crops or food supplies.
17. \_\_\_ a. SLOPPY b. SLOPPYE c. SLOPPEE d. SLOPY  
If you describe someone's work or activities as \_\_\_\_\_, you mean they have been done in a careless and lazy way.
18. \_\_\_ a. STROKEE b. STROK c. STTROKE d. STROKE  
If someone has a \_\_\_\_\_, a blood vessel in their brain bursts or becomes blocked, which may kill them or make them unable to move one side of their body.
19. \_\_\_ a. SALIVAE b. SALIVA c. SALIVVA d. SALLIVA  
\_\_\_\_\_ is the watery liquid that forms in your mouth and helps you to chew and digest food.

20. \_\_\_ a. ROOYT b. ROOST c. ROWST d. ROOSTE  
When birds or bats \_\_\_\_\_ somewhere, they rest or sleep there.
21. \_\_\_ a. HABBITAT b. HABITAG c. HABITATE d. HABITAT  
The \_\_\_\_\_ of an animal or plant is the natural environment in which it normally lives or grows.
22. \_\_\_ a. SPECIES b. SPECEIS c. SPECYES d. SPECEES  
A \_\_\_\_\_ is a class of plants or animals whose members have the same main characteristics and are able to breed with each other.
23. \_\_\_ a. SCATTER b. SATTER c. SPATTER d. SCATTIR  
If a group of people \_\_\_\_\_ or if you \_\_\_\_\_ them, they suddenly separate and move in different directions.
24. \_\_\_ a. POLLINNATE b. POLLLINATE c. POLLINATE d. POLINATE  
To \_\_\_\_\_ a plant or tree means to fertilize it with pollen. This is often done by insects.
25. **Find the hidden words. The words have been placed horizontally, vertically, or diagonally. When you locate a word, draw a circle around it.**

J	H	S	Y	P	E	I	S	M	L	R	W	J	U	N	F	O	N	F	B
V	A	Y	P	P	E	W	S	G	H	W	U	L	V	S	T	R	O	K	E
R	B	O	Q	E	W	S	X	F	I	X	V	F	E	K	Q	J	T	W	L
I	I	N	I	M	C	V	T	M	B	L	N	S	C	A	T	T	E	R	A
H	T	G	V	A	Q	I	S	H	E	R	O	H	R	U	C	F	N	W	I
H	A	T	H	A	R	F	E	P	R	I	V	Z	G	Y	J	L	Z	Z	E
S	T	A	Q	O	R	J	W	S	N	W	E	N	X	V	J	R	Z	U	G
V	L	Q	A	E	C	F	N	J	A	S	C	Q	Z	B	K	U	X	D	R
I	S	O	P	B	P	Y	E	Y	T	L	P	U	C	V	V	X	V	F	O
A	C	T	P	K	U	X	Z	N	E	H	L	B	S	A	L	I	V	A	O
K	V	T	S	P	A	S	A	P	O	L	L	I	N	A	T	E	Z	K	S
S	Q	W	L	C	Y	T	M	L	K	N	G	S	D	V	K	R	E	S	T

saliva  
swirl

pest  
scatter

pollinate  
habitat

roost  
hibernate

sloppy

stroke

species

## Listening Practice | Intermediate

26. Fill in the blanks while you listen to the episode.

### BATS

It is nearly dark. From out of a cave, a black cloud **swirls**. Suddenly you realize that it is made up of thousands of bats.

Does this make you think of Halloween, or movies [1] \_\_\_\_\_ Dracula? People often fear bats as “creatures of the night.” Yet these remarkable animals are helpful to us. They eat insect **pests**. They **pollinate** useful plants, as bees do. Their droppings, called guano, are used as fertilizer.

### WHAT IS A BAT?

Bats are mammals. They are the only mammals that fly. There are nearly 1,000 **species** of bats. They are found in all kinds of **habitats**. Bats live in tropical rain forests. They live in climates so cold that trees won't grow there. Unlike other mammals, when bats rest they lower their body temperature to save energy. In very cold weather, they **hibernate**.

A bat's wings are made of two [2] \_\_\_\_\_ of skin. The wings are supported by bones like those in your hand. The [3] \_\_\_\_\_ have claws and lie outside the wings. The bat uses them to cling to the places where it **roosts**. These may be trees, [4] \_\_\_\_\_, or even buildings. Muscles attached to the wings power the bat's flight.

Bats come in many [5] \_\_\_\_\_. The largest is the Malayan flying fox. It is 16 inches (41 centimeters) long. Its wings span 5.6 feet (1.7 meters). The Kitti's hog-nosed bat is the smallest of all mammals. It's about an inch (3 centimeters) long-the size of a bumblebee-and is also [6] \_\_\_\_\_ as the [7] \_\_\_\_\_ bat.

### KINDS OF BATS

Bats are divided into two [8] \_\_\_\_\_, megabats (large) and [9] \_\_\_\_\_ (small). Megabats are called “[10] \_\_\_\_\_ foxes” because of their foxlike faces. They eat mostly fruit. Because they are **sloppy** eaters, they spread the seeds and [11] \_\_\_\_\_ of [12] \_\_\_\_\_ such as bananas, dates, and figs. This **scattering** [13] \_\_\_\_\_ the [14] \_\_\_\_\_ reproduce.

Most microbats are meat eaters. About two-thirds of all bat species eat insects. One common American species, the [15] \_\_\_\_\_ brown bat, may eat 600 mosquitoes in an hour. Other

microbats eat fish, frogs, small birds, lizards, and small mammals.

### HOW DO BATS FIND FOOD?

It isn't true that bats are "blind as a bat." Most fruit-eating bats feed by day and can see very well. Some even see colors. Even microbats, which sleep by day and hunt by night, have some vision. They use it to find food. They also use smell and, especially, hearing.

Bats send out short pulses of [16]\_\_\_\_\_. The sounds are usually too high for people to hear. The sound waves spread out in front of the bat. They strike objects in its path and bounce back as an echo. This process, called [17]\_\_\_\_\_, helps the bat find food and avoid [18]\_\_\_\_\_ into things.

### VAMPIRE BATS

Then there are the famous vampire bats. There are three species of [19]\_\_\_\_\_ bats, all in Central and [20]\_\_\_\_\_ America. And yes, they do feed on blood, mostly that of farm animals. A vampire bat needs about two [21]\_\_\_\_\_ of blood a day.

Even vampire bats have their uses. Their **saliva** contains a substance that prevents blood from clotting. Doctors use it to make a medicine for heart attack and **stroke** patients. The name of this medicine is Draculin.

- |                |              |                 |
|----------------|--------------|-----------------|
| A. caves       | B. bumblebee | C. echolocation |
| D. about       | E. South     | F. bumping      |
| G. layers      | H. sound     | I. vampire      |
| J. groups      | K. plants    | L. pollen       |
| M. thumbs      | N. sizes     | O. helps        |
| P. fruits      | Q. little    | R. flying       |
| S. tablespoons | T. known     | U. microbats    |



# Listening Practice | Advanced

27. Fill in the blanks while you listen to the episode.

## BATS

It is nearly dark. From out of a cave, a black cloud **swirls**. Suddenly you realize that it is made up of [1] \_\_\_\_\_ of bats.

Does this make you think of Halloween, or movies [2] \_\_\_\_\_ Dracula? People often fear bats as “creatures of the night.” Yet these remarkable animals are helpful to us. They eat insect **pests**. They **pollinate** [3] \_\_\_\_\_ plants, as bees do. Their droppings, called [4] \_\_\_\_\_, are used as fertilizer.

## WHAT IS A BAT?

Bats are [5] \_\_\_\_\_. They are the only mammals that fly. There are nearly 1,000 [6] \_\_\_\_\_ of bats. They are [7] \_\_\_\_\_ in all [8] \_\_\_\_\_ of **habitats**. Bats live in [9] \_\_\_\_\_ rain forests. They live in climates so cold that trees won't grow there. [10] \_\_\_\_\_ other mammals, when bats rest they lower [11] \_\_\_\_\_ body temperature to save energy. In very cold weather, they [12] \_\_\_\_\_.

A [13] \_\_\_\_\_ [14] \_\_\_\_\_ are made of two layers of skin. The [15] \_\_\_\_\_ are [16] \_\_\_\_\_ by bones like those in your hand. The thumbs have [17] \_\_\_\_\_ and lie [18] \_\_\_\_\_ the wings. The bat uses them to cling to the places where it [19] \_\_\_\_\_. These may be trees, caves, or even buildings. Muscles [20] \_\_\_\_\_ to the wings power the bat's flight.

Bats come in many sizes. The [21] \_\_\_\_\_ is the Malayan flying fox. It is 16 inches (41 [22] \_\_\_\_\_) long. Its wings span 5.6 feet (1.7 [23] \_\_\_\_\_). The Kitti's [24] \_\_\_\_\_ bat is the smallest of all [25] \_\_\_\_\_. It's about an inch (3 [26] \_\_\_\_\_) long-the size of a bumblebee-and is also [27] \_\_\_\_\_ as the [28] \_\_\_\_\_ bat.

## KINDS OF BATS

Bats are divided into two groups, megabats (large) and microbats ([29] \_\_\_\_\_). [30] \_\_\_\_\_ are called “flying foxes” [31] \_\_\_\_\_ of their foxlike faces. They eat mostly fruit. Because they are **sloppy** eaters, they [32] \_\_\_\_\_ the seeds and [33] \_\_\_\_\_ of fruits such as [34] \_\_\_\_\_, dates, and figs. This

[35] \_\_\_\_\_ helps the plants reproduce.

Most microbats are meat [36] \_\_\_\_\_. About two-thirds of all bat species eat insects. One common American species, the little brown bat, may eat 600 mosquitoes in an hour. Other microbats eat fish, [37] \_\_\_\_\_, small [38] \_\_\_\_\_, lizards, and small mammals.

### HOW DO BATS FIND FOOD?

It isn't true that bats are "blind as a bat." Most [39] \_\_\_\_\_ bats feed by day and can see very well. Some even see [40] \_\_\_\_\_. Even [41] \_\_\_\_\_, [42] \_\_\_\_\_ sleep by day and hunt by night, have some vision. They use it to find food. They also use smell and, especially, [43] \_\_\_\_\_.

Bats send out short [44] \_\_\_\_\_ of [45] \_\_\_\_\_. The sounds are [46] \_\_\_\_\_ too high for people to hear. The sound [47] \_\_\_\_\_ spread out in [48] \_\_\_\_\_ of the bat. They [49] \_\_\_\_\_ objects in its path and [50] \_\_\_\_\_ back as an echo. This [51] \_\_\_\_\_, called echolocation, [52] \_\_\_\_\_ the bat find food and avoid bumping into [53] \_\_\_\_\_.

### [54] \_\_\_\_\_ **BATS**

Then there are the famous vampire bats. [55] \_\_\_\_\_ are three [56] \_\_\_\_\_ of vampire bats, all in Central and [57] \_\_\_\_\_ America. And yes, they do feed on blood, mostly that of farm animals. A [58] \_\_\_\_\_ bat needs about two [59] \_\_\_\_\_ of [60] \_\_\_\_\_ a day.

Even vampire bats have their uses. Their [61] \_\_\_\_\_ contains a [62] \_\_\_\_\_ that prevents [63] \_\_\_\_\_ from clotting. Doctors use it to make a [64] \_\_\_\_\_ for heart attack and **stroke** patients. The name of this medicine is Draculin.

# Spelling Practice

28. In each line of text below there is one word that has been misspelled. Circle the misspelled word and then write the correct spelling of the word on the line on the right side of the page.

### BATSE

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Most microbats are meat eaters. About two-thirds of all bat species eet insects. On common American species, the little brown bat, may eat 600 mosquitoes in an hour. Other microbats eat fish, frrogs, small birds,

1. \_\_\_\_\_
2. \_\_\_\_\_
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33.

### HOW DO BOTS FIND FOOD?

34.

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### VAMPIRE BAJJS

43.

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Even vampire batt have their uses. Their **saliva** contains a substance that prevents blood from clotng. Doctors use it to make a medicine for heart attack and **stroke** patients. Th name of this medicine is Draculin.

48.

49.

50.

# Listening | Animals-Bats

## Comprehension

1. *Put the headers where they belong in the text below.*

### [1] BATS

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### [2] WHAT IS A BAT?

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### [3] KINDS OF BATS

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Bats are divided into two groups, megabats (large) and microbats (small). Megabats are called “flying foxes” because of their foxlike faces. They eat mostly fruit. Because they are **sloppy** eaters, they spread the seeds and pollen of fruits such as bananas, dates, and figs. This **scattering** helps the plants reproduce.

Most microbats are meat eaters. About two-thirds of all bat species eat insects. One common American species, the little brown bat, may eat 600 mosquitoes in an hour. Other microbats eat fish, frogs, small birds, lizards, and small mammals.

#### [4] HOW DO BATS FIND FOOD?

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It isn't true that bats are "blind as a bat." Most fruit-eating bats feed by day and can see very well. Some even see colors. Even microbats, which sleep by day and hunt by night, have some vision. They use it to find food. They also use smell and, especially, hearing.

Bats send out short pulses of sound. The sounds are usually too high for people to hear. The sound waves spread out in front of the bat. They strike objects in its path and bounce back as an echo. This process, called echolocation, helps the bat find food and avoid bumping into things.

#### [5] VAMPIRE BATS

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Then there are the famous vampire bats. There are three species of vampire bats, all in Central and South America. And yes, they do feed on blood, mostly that of farm animals. A vampire bat needs about two tablespoons of blood a day.

Even vampire bats have their uses. Their **saliva** contains a substance that prevents blood from clotting. Doctors use it to make a medicine for heart attack and **stroke** patients. The name of this medicine is Draculin.

- A. KINDS OF BATS
- B. BATS
- C. WHAT IS A BAT?
- D. VAMPIRE BATS
- E. HOW DO BATS FIND FOOD?

# Key Vocabulary Practice

2. **Using the Across and Down clues, write the correct words in the numbered grid below.**

**ACROSS**

- 2. spit, dribble, drool, slaver
- 4. kind, sort, type, group
- 6. A \_\_\_\_\_ of luck or good fortune is something lucky that happens.
- 7. whirl, churn, spin, twist
- 9. to transfer pollen from the anthers to the stigma of (a flower)
- 10. home, environment, surroundings, element

**DOWN**

- 1. sleep, lie dormant, winter, overwinter
- 3. You can describe someone, especially a child, as a \_\_\_\_\_ if they keep bothering you.
- 5. If you \_\_\_\_\_ things over an area, you throw or drop them so that they spread all over the area.
- 6. If you describe someone or something as \_\_\_\_\_, you mean that they are sentimental and romantic.
- 8. A \_\_\_\_\_ is a place where birds or bats rest or sleep.

**Choose the best option the completes the sentences below:**

- 3.  e  the animals of such a group  
a. habitat b. roost c. swirl d. scatter e. species
- 4.  e  a person or thing that annoys, esp by imposing itself when it is not wanted; nuisance  
a. pollinate b. stroke c. sloppy d. saliva e. pest
- 5.  a  the environment in which an animal or plant normally lives or grows  
a. habitat b. saliva c. roost d. sloppy e. hibernate
- 6.  a  disperse, separate, break up, dispel  
a. scatter b. pollinate c. habitat d. swirl e. hibernate

7. c If bad or wrong things that someone has done in the past have come home to \_\_\_\_\_, or if their chickens have come home to \_\_\_\_\_, they are now experiencing the unpleasant effects of these actions.  
a. scatter b. stroke c. roost d. pest e. species
8. c (of some mammals, reptiles, and amphibians) to pass the winter in a dormant condition with metabolism greatly slowed down Compare aestivate  
a. swirl b. roost c. hibernate d. species e. sloppy
9. b to transfer pollen from a stamen to the upper tip of the pistil of (a flower)  
a. stroke b. pollinate c. habitat d. scatter e. saliva
10. d A \_\_\_\_\_ of genius or inspiration is a very good idea that someone suddenly has.  
a. species b. pest c. scatter d. stroke e. roost
11. c careless; untidy  
a. pest b. swirl c. sloppy d. stroke e. pollinate
12. e the secretion of \_\_\_\_\_ry glands, consisting of a clear usually slightly acid aqueous fluid of variable composition. It moistens the oral cavity, prepares food for swallowing, and initiates the process of digestion  
a. sloppy b. hibernate c. scatter d. habitat e. saliva
13. b to turn or cause to turn in a twisting spinning fashion  
a. saliva b. swirl c. habitat d. pest e. pollinate

**For each question below a number of similar words appear, but only one is spelled correctly and matches the clue that is provided. Write the letter of the correctly spelled word in the space by the question number.**

14. b a. SWIRLE b. SWIRL c. SWIRLL d. SWWIRL  
If you \_\_\_\_\_ something liquid or flowing, or if it \_\_\_\_\_s, it moves round and round quickly.
15. d a. HYBERNATE b. HIBRNAT c. HIBERNEAT d. HIBERNATE  
Animals that \_\_\_\_\_ spend the winter in a state like a deep sleep.
16. a a. PEST b. PEGT c. PESTE d. PYST  
\_\_\_\_\_s are insects or small animals which damage crops or food supplies.
17. a a. SLOPPY b. SLOPPYE c. SLOPPEE d. SLOPY  
If you describe someone's work or activities as \_\_\_\_\_, you mean they have been done in a careless and lazy way.
18. d a. STROKEE b. STROK c. STTROKE d. STROKE  
If someone has a \_\_\_\_\_, a blood vessel in their brain bursts or becomes blocked, which may kill them or make them unable to move one side of their body.
19. b a. SALIVAE b. SALIVA c. SALIVVA d. SALLIVA  
\_\_\_\_\_ is the watery liquid that forms in your mouth and helps you to chew and digest food.



20. b a. ROOYT b. ROOST c. ROWST d. ROOSTE  
When birds or bats \_\_\_\_\_ somewhere, they rest or sleep there.
21. d a. HABBITAT b. HABITAG c. HABITATE d. HABITAT  
The \_\_\_\_\_ of an animal or plant is the natural environment in which it normally lives or grows.
22. a a. SPECIES b. SPECEIS c. SPECYES d. SPECEES  
A \_\_\_\_\_ is a class of plants or animals whose members have the same main characteristics and are able to breed with each other.
23. a a. SCATTER b. SATTER c. SPATTER d. SCATTIR  
If a group of people \_\_\_\_\_ or if you \_\_\_\_\_ them, they suddenly separate and move in different directions.
24. c a. POLLINNATE b. POLLLINATE c. POLLINATE d. POLINATE  
To \_\_\_\_\_ a plant or tree means to fertilize it with pollen. This is often done by insects.
25. **Find the hidden words. The words have been placed horizontally, vertically, or diagonally. When you locate a word, draw a circle around it.**

J	H	S	Y	P	E	I	S	M	L	R	W	J	U	N	F	O	N	F	B
V	A	Y	P	P	E	W	S	G	H	W	U	L	V	S	T	R	O	K	E
R	B	O	Q	E	W	S	X	F	I	X	V	F	E	K	Q	J	T	W	L
I	I	N	I	M	C	V	T	M	B	L	N	S	C	A	T	T	E	R	A
H	T	G	V	A	Q	I	S	H	E	R	O	H	R	U	C	F	N	W	I
H	A	T	H	A	R	F	E	P	R	I	V	Z	G	Y	J	L	Z	Z	E
S	T	A	Q	O	R	J	W	S	N	W	E	N	X	V	J	R	Z	U	G
V	L	Q	A	E	C	F	N	J	A	S	C	Q	Z	B	K	U	X	D	R
I	S	O	P	B	P	Y	E	Y	T	L	P	U	C	V	V	X	V	F	O
A	C	T	P	K	U	X	Z	N	E	H	L	B	S	A	L	I	V	A	O
K	V	T	S	P	A	S	A	P	O	L	L	I	N	A	T	E	Z	K	S
S	Q	W	L	C	Y	T	M	L	K	N	G	S	D	V	K	R	E	S	T

saliva                      pest                      pollinate                      roost                      sloppy                      stroke                      species  
swirl                      scatter                      habitat                      hibernate

## Listening Practice | Intermediate

26. Fill in the blanks while you listen to the episode.

### BATS

It is nearly dark. From out of a cave, a black cloud **swirls**. Suddenly you realize that it is made up of thousands of bats.

Does this make you think of Halloween, or movies [1] **about** \_\_\_\_\_ Dracula? People often fear bats as “creatures of the night.” Yet these remarkable animals are helpful to us. They eat insect **pests**. They **pollinate** useful plants, as bees do. Their droppings, called guano, are used as fertilizer.

### WHAT IS A BAT?

Bats are mammals. They are the only mammals that fly. There are nearly 1,000 **species** of bats. They are found in all kinds of **habitats**. Bats live in tropical rain forests. They live in climates so cold that trees won't grow there. Unlike other mammals, when bats rest they lower their body temperature to save energy. In very cold weather, they **hibernate**.

A bat's wings are made of two [2] **layers** \_\_\_\_\_ of skin. The wings are supported by bones like those in your hand. The [3] **thumbs** \_\_\_\_\_ have claws and lie outside the wings. The bat uses them to cling to the places where it **roosts**. These may be trees, [4] **caves** \_\_\_\_\_, or even buildings. Muscles attached to the wings power the bat's flight.

Bats come in many [5] **sizes** \_\_\_\_\_. The largest is the Malayan flying fox. It is 16 inches (41 centimeters) long. Its wings span 5.6 feet (1.7 meters). The Kitti's hog-nosed bat is the smallest of all mammals. It's about an inch (3 centimeters) long-the size of a bumblebee-and is also [6] **known** \_\_\_\_\_ as the [7] **bumblebee** \_\_\_\_\_ bat.

### KINDS OF BATS

Bats are divided into two [8] **groups** \_\_\_\_\_, megabats (large) and [9] **microbats** \_\_\_\_\_ (small). Megabats are called “[10] **flying** \_\_\_\_\_ foxes” because of their foxlike faces. They eat mostly fruit. Because they are **sloppy** eaters, they spread the seeds and [11] **pollen** \_\_\_\_\_ of [12] **fruits** \_\_\_\_\_ such as bananas, dates, and figs. This **scattering** [13] **helps** \_\_\_\_\_ the [14] **plants** \_\_\_\_\_ reproduce.

Most microbats are meat eaters. About two-thirds of all bat species eat insects. One common American species, the [15] **little** \_\_\_\_\_ brown bat, may eat 600 mosquitoes in an hour. Other

microbats eat fish, frogs, small birds, lizards, and small mammals.

**HOW DO BATS FIND FOOD?**

It isn't true that bats are "blind as a bat." Most fruit-eating bats feed by day and can see very well. Some even see colors. Even microbats, which sleep by day and hunt by night, have some vision. They use it to find food. They also use smell and, especially, hearing.

Bats send out short pulses of [16] sound. The sounds are usually too high for people to hear. The sound waves spread out in front of the bat. They strike objects in its path and bounce back as an echo. This process, called [17] echolocation, helps the bat find food and avoid [18] bumping into things.

**VAMPIRE BATS**

Then there are the famous vampire bats. There are three species of [19] vampire bats, all in Central and [20] South America. And yes, they do feed on blood, mostly that of farm animals. A vampire bat needs about two [21] tablespoons of blood a day.

Even vampire bats have their uses. Their **saliva** contains a substance that prevents blood from clotting. Doctors use it to make a medicine for heart attack and **stroke** patients. The name of this medicine is Draculin.

- |                |              |                 |
|----------------|--------------|-----------------|
| A. caves       | B. bumblebee | C. echolocation |
| D. about       | E. South     | F. bumping      |
| G. layers      | H. sound     | I. vampire      |
| J. groups      | K. plants    | L. pollen       |
| M. thumbs      | N. sizes     | O. helps        |
| P. fruits      | Q. little    | R. flying       |
| S. tablespoons | T. known     | U. microbats    |

# Listening Practice | Advanced

27. Fill in the blanks while you listen to the episode.

## BATS

It is nearly dark. From out of a cave, a black cloud **swirls**. Suddenly you realize that it is made up of [1] **thousands** of bats.

Does this make you think of Halloween, or movies [2] **about** Dracula? People often fear bats as “creatures of the night.” Yet these remarkable animals are helpful to us. They eat insect **pests**. They **pollinate** [3] **useful** plants, as bees do. Their droppings, called [4] **guano**, are used as fertilizer.

## WHAT IS A BAT?

Bats are [5] **mammals**. They are the only mammals that fly. There are nearly 1,000 [6] **species** of bats. They are [7] **found** in all [8] **kinds** of **habitats**. Bats live in [9] **tropical** rain forests. They live in climates so cold that trees won't grow there. [10] **Unlike** other mammals, when bats rest they lower [11] **their** body temperature to save energy. In very cold weather, they [12] **hibernate**.

A [13] **bat's** [14] **wings** are made of two layers of skin. The [15] **wings** are [16] **supported** by bones like those in your hand. The thumbs have [17] **claws** and lie [18] **outside** the wings. The bat uses them to cling to the places where it [19] **roosts**. These may be trees, caves, or even buildings. Muscles [20] **attached** to the wings power the bat's flight.

Bats come in many sizes. The [21] **largest** is the Malayan flying fox. It is 16 inches (41 [22] **centimeters**) long. Its wings span 5.6 feet (1.7 [23] **meters**). The Kittie's [24] **hog-nosed** bat is the smallest of all [25] **mammals**. It's about an inch (3 [26] **centimeters**) long-the size of a bumblebee-and is also [27] **known** as the [28] **bumblebee** bat.

## KINDS OF BATS

Bats are divided into two groups, megabats (large) and microbats ([29] **small**). [30] **Megabats** are called “flying foxes” [31] **because** of their foxlike faces. They eat mostly fruit. Because they are **sloppy** eaters, they [32] **spread** the seeds and [33] **pollen** of fruits such as [34] **bananas**, dates, and figs. This

[35] **scattering** helps the plants reproduce.

Most microbats are meat [36] **eaters**. About two-thirds of all bat species eat insects. One common American species, the little brown bat, may eat 600 mosquitoes in an hour. Other microbats eat fish, [37] **frogs**, small [38] **birds**, lizards, and small mammals.

### HOW DO BATS FIND FOOD?

It isn't true that bats are "blind as a bat." Most [39] **fruit-eating** bats feed by day and can see very well. Some even see [40] **colors**. Even [41] **microbats**, [42] **which** sleep by day and hunt by night, have some vision. They use it to find food. They also use smell and, especially, [43] **hearing**.

Bats send out short [44] **pulses** of [45] **sound**. The sounds are [46] **usually** too high for people to hear. The sound [47] **waves** spread out in [48] **front** of the bat. They [49] **strike** objects in its path and [50] **bounce** back as an echo. This [51] **process**, called echolocation, [52] **helps** the bat find food and avoid bumping into [53] **things**.

### [54] **VAMPIRE** BATS

Then there are the famous vampire bats. [55] **There** are three [56] **species** of vampire bats, all in Central and [57] **South** America. And yes, they do feed on blood, mostly that of farm animals. A [58] **vampire** bat needs about two [59] **tablespoons** of [60] **blood** a day.

Even vampire bats have their uses. Their [61] **saliva** contains a [62] **substance** that prevents [63] **blood** from clotting. Doctors use it to make a [64] **medicine** for heart attack and **stroke** patients. The name of this medicine is Draculin.

# Spelling Practice

28. In each line of text below there is one word that has been misspelled. Circle the misspelled word and then write the correct spelling of the word on the line on the right side of the page.

### BATSE

It is nearly **darke**. From out of a cave, a black cloud **swirls**. Suddenly you **reilize** that it is made up of thousands of bats.

Does this make you think of Halloween, or **moveis** about Dracula? People **aften** fear bats as "creatures of the night." Yet these remarkable animals are helpful to us. They eat insect **pests**. They **pollinate usefull** plants, as bees do. Their droppings, called guano, are used as **fertilizir**.

### WHAT IS A BET?

Bats **our** mammals. They are the only mammals that fly. There are nearly 1,000 **species** of bats. They **our** found in all kinds of **habitats**. Bats live **inn** tropical rain forests. They live in climates so cold that trees won't grow there. **Unlik** other mammals, when bats rest they lower their **bodee** temperature to save energy. In very cold weather, they **hibernate**.

A bat's **whings** are made of two layers of skin. The wings are supported by bones like those in your hand. The thumbs **hav** claws and lie outside the wings. The bat uses them to cling to the **placese** where it **roosts**. **Thece** may be trees, caves, or even buildings. Muscles attached to the wings power the bat's flight.

Bats come in **meny** sizes. The largest is the Malayan flying fox. It is 16 inches (41 centimeters) long. **Itse** wings span 5.6 feet (1.7 meters). The Kitti's hog-nosed bat is the smallest of all mammals. It's about an inch (3 centimeters) long-the size of a bumblebee-and is also **knon** as the bumblebee **but**.

### KYND'S OF BATS

Bats are divided into two groups, megabats (large) **end** microbats (small). Megabats are called "flying foxes" because of **they're** foxlike faces. They eat mostly fruit. Because they **our sloppy** eaters, they spread the seeds and pollen of fruits such **az** bananas, dates, and figs. This **scatterng** helps the plants reproduce.

Most microbats are meat eaters. About two-thirds of all bat species **eet** insects. **On** common American species, the little brown bat, may eat 600 mosquitoes in an hour. Other microbats eat fish, **frrogs**, small birds,

1. **BATS**

2. **dark**

3. **realize**

4. **movies**

5. **often**

6. **useful**

7. **fertilizer**

8. **BAT**

9. **are**

10. **are**

11. **in**

12. **Unlike**

13. **body**

14. **wings**

15. **have**

16. **places**

17. **These**

18. **s**

19. **many**

20. **Its**

21. **s**

22. **known**

23. **bat**

24. **KINDS**

25. **and**

26. **their**

27. **are**

28. **as**

29. **scattering**

30. **eat**

31. **One**

32. **frogs**

lizardse, and small mammals.

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Even vampire batt have their uses. Their saliva contains a substance that prevents blood from clotting. Doctors use it to make a medicine for heart attack and stroke patients. Th name of this medicine is Draculin.

33. lizards

34. BATS

35. bats

36. very

37. vision

38. hearing

39. short

40. the

41. as

42. things

43. BATS

44. are

45. Central

46. of

47. of

48. bats

49. clotting

50. The