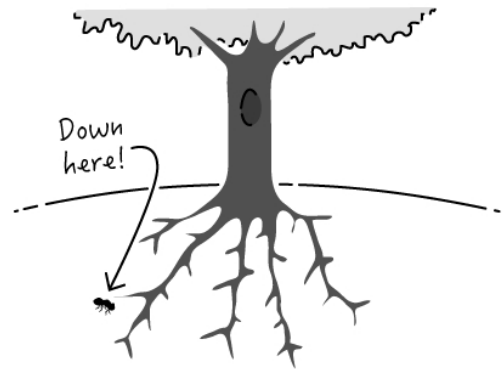
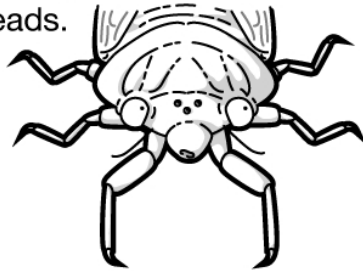


Name: \_\_\_\_\_



**What is a cicada?** It is a bug. You might have heard a buzzing sound in summer. That sound comes from a male cicada. He is trying to find a mate. The sound can be as loud as a lawn mower. That is a **big** buzz! Do you sound that loud when you call a friend? BUZZZZZZZZ!

**What does a cicada look like?** They come in different sizes. In North America, a small Aridland Cicada is about half an inch long. In Asia, an Empress Cicada can be three inches long. Some cicadas are the largest true bugs in the world. Cicadas have four wings that you can see through. They have two red, round eyes, one on each side of their heads. They also have three extra eyes on top of their heads. That is a lot of eyes! The kind in the eastern United States have orange tummies and black backs.



### Where does a cicada live?

Cicadas live underground for a long time. They come out when the ground a bit below the surface reaches **64 degrees**. Billions of them will soon come out in the eastern part of the United States. That might sound scary. But they won't hurt you. They don't even bite. At least fourteen states will see cicadas all over. This group of cicadas is called **Brood X**. They come out every seventeen years.

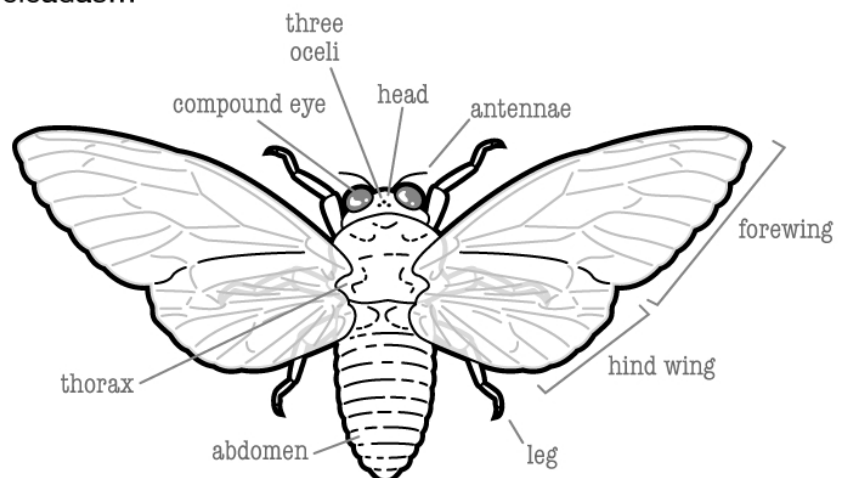


### What can you do with a cicada besides listen to it?

Some people eat them. A man has even written a cookbook with bug recipes. Some people think they taste like peanut butter. Even so, would you want to eat a bug? Native Americans in the past have fried them. Crunchy cicadas... **YUCK** or yum?

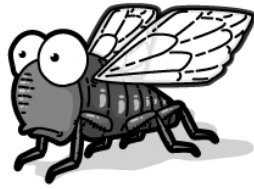


Whether you want to eat them, **RUN FROM THEM**, or just listen to them, get ready. The cicadas are coming!



Name: \_\_\_\_\_

# The INCREDIBLE Cicada!



## QUESTIONS:

1. True or false:  
The cicada is a quiet bug.  
A) True  
B) False
2. Cicadas have red eyes.  
A) True  
B) False
3. Which group of cicadas  
will come out soon?  
A) Brood X  
B) Brood Y  
C) Brood Z  
D) None of the above
4. How many states will  
see cicadas soon?  
  
\_\_\_\_\_
5. How warm does the ground a bit below the  
surface need to be for cicadas to come out?  
A) 32 degrees  
B) 50 degrees  
C) 64 degrees  
D) 100 degrees
6. What do some people think cicadas taste like?  
A) peanut butter  
B) jelly  
C) hamburgers  
D) pizza
7. True or false:  
The cicada is a harmless bug.  
A) True  
B) False
8. Which group does a cicada belong to?  
A) bugs  
B) mammals  
C) birds  
D) reptiles



## STORY STARTERS

Would you eat a bug? Write a couple of sentences about why or why not.

How do you feel about so many bugs coming soon? Write a couple of sentences.

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Name: \_\_\_\_\_

# Cicada Code

Cicadas are an important part of our ecosystem because they provide food for animals. Use the code to discover what some of them are.

B = X




U = 

K = O


R = 

F = —

A = \

C = O = E = N = L = 

X = /

T = S = 

Name: \_\_\_\_\_

## Finding Words Multiple Times

Look for words to the RIGHT, to the LEFT, UP, or DOWN.

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

Answers for blanks: 3 3 1 1 2 2 1 1 4 1

I found TYMBAL \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found SPECIES \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found UNDERGROUND \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found EXOSKELETON \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found TUNNELS \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found IMAGOEES \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found SURVIVAL \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found OFFSPRING \_\_\_\_ time(s). ☐ ☐ ☐ ☐

I found EGG \_\_\_\_ time(s). ☐ ☐ ☐ ☐

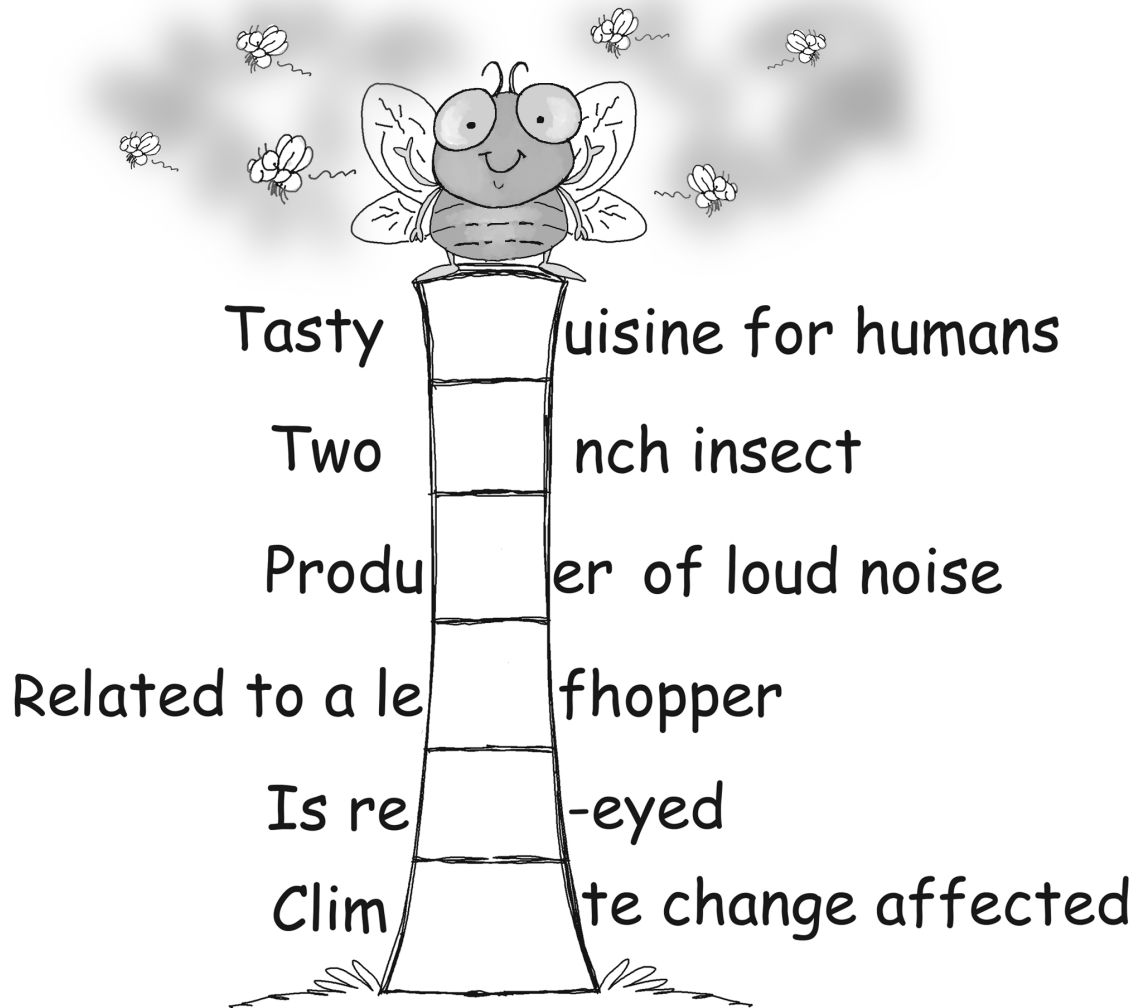
I found XYLEM \_\_\_\_ time(s). ☐ ☐ ☐ ☐





Name: \_\_\_\_\_

Write the word "cicada" in the boxes, from top to bottom, to finish some fun fact statements about them.



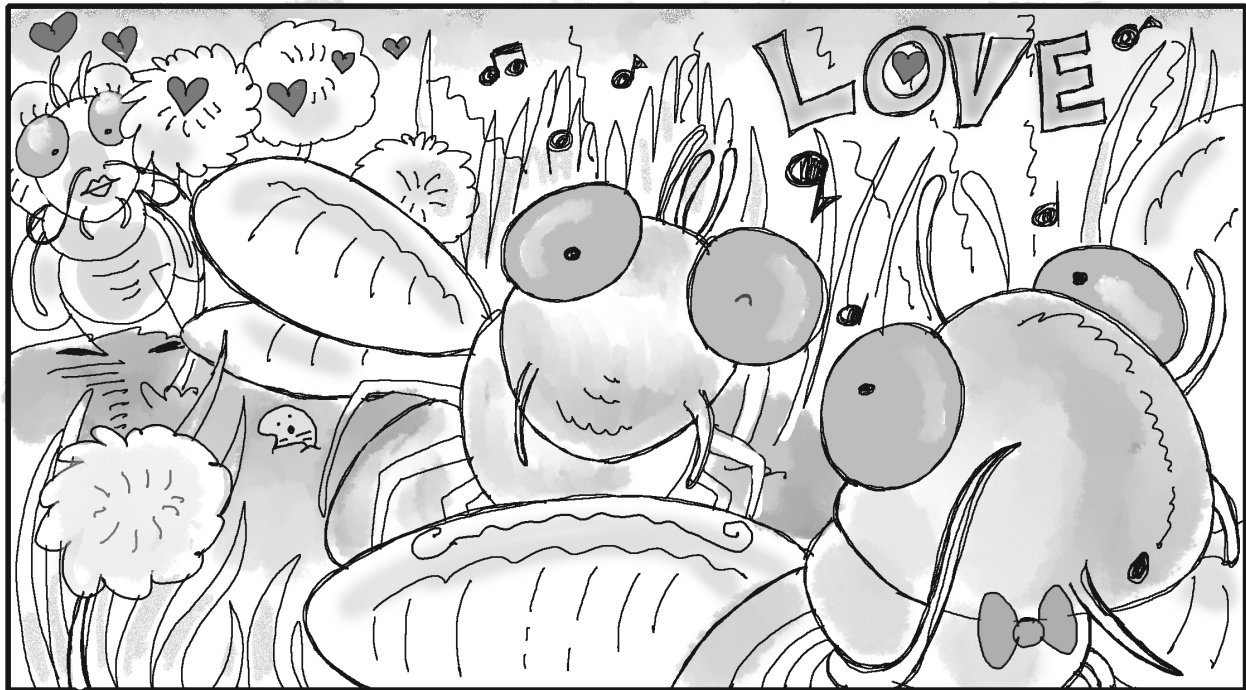
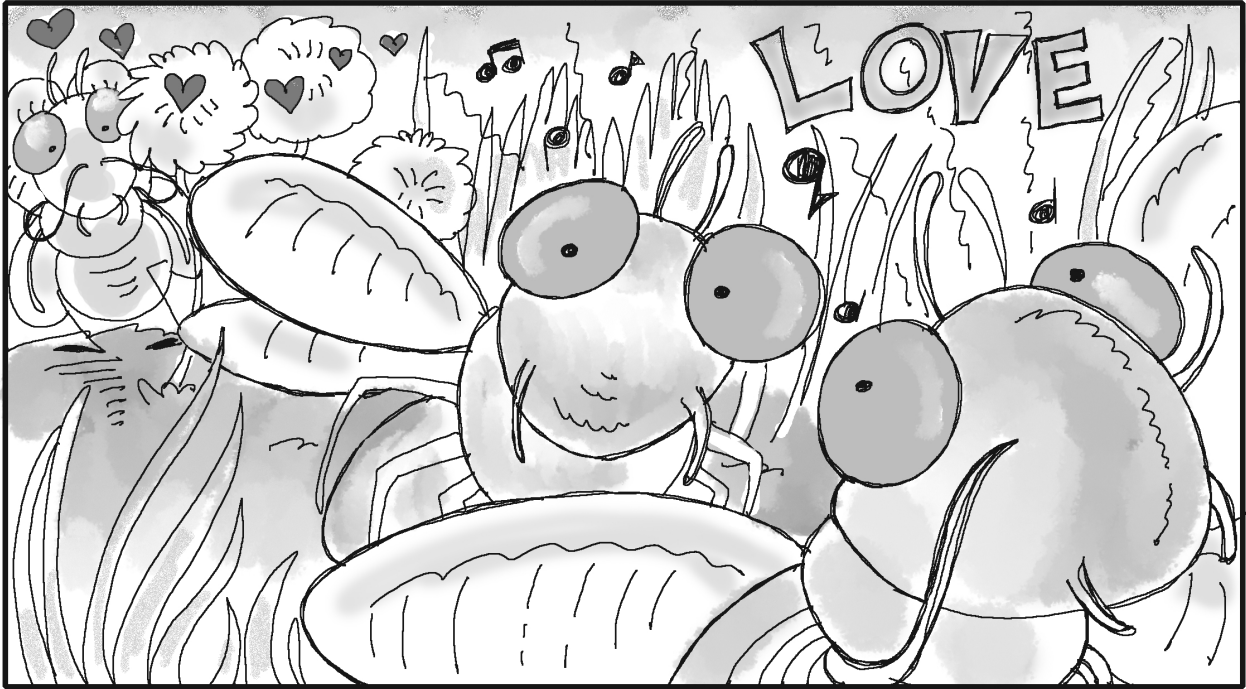
Research one fact and write a few sentences about it. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

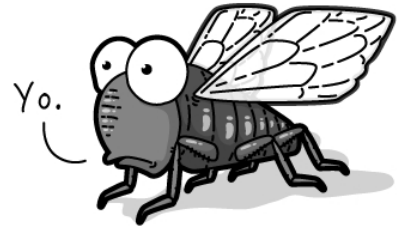
Name: \_\_\_\_\_

Male cicadas make a very loud noise. One of the reasons is to attract females. Compare the top picture to the bottom one. Circle ten differences in the bottom one when you examine these two.

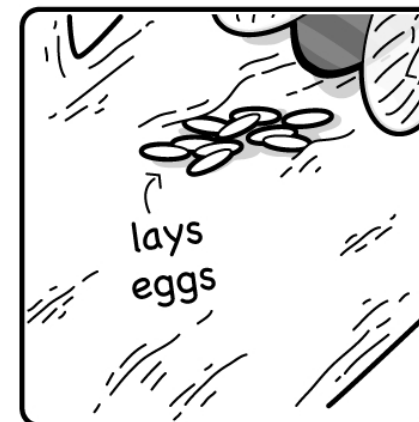
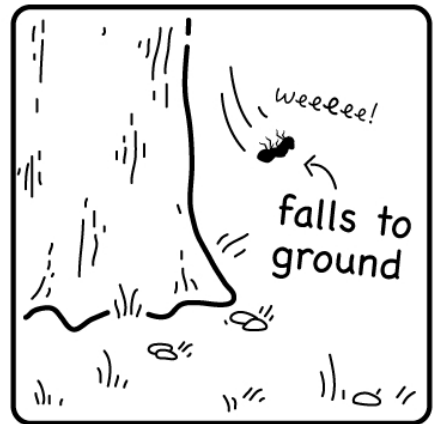
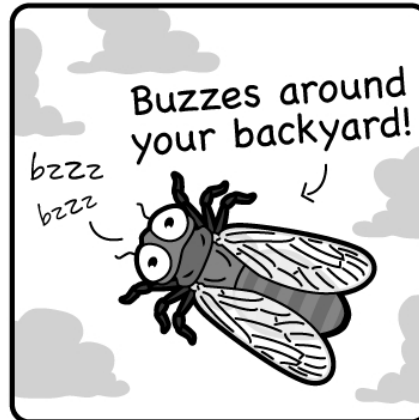
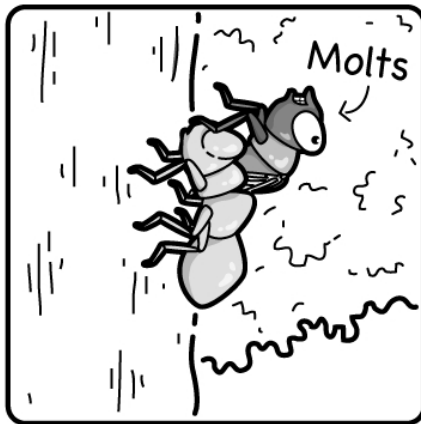
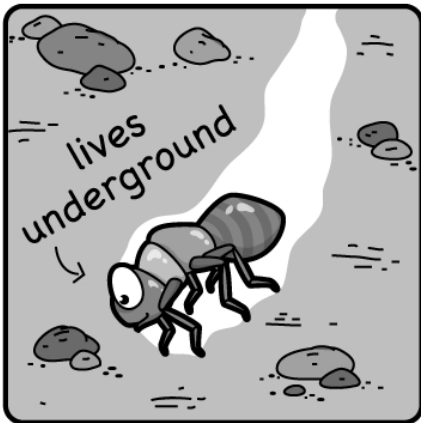


Name: \_\_\_\_\_

# The INCREDIBLE Cicada!



Put the Cicada Life Cycle in Order



Name: \_\_\_\_\_

# The INCREDIBLE Cicada!

1

2

7



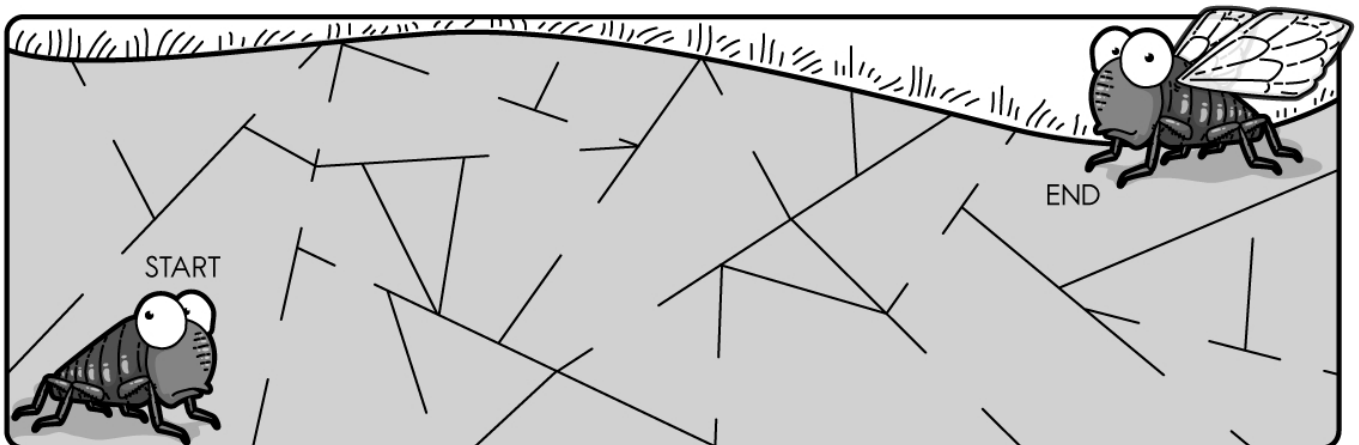
Cut and paste the squares  
from the previous page.

3

6

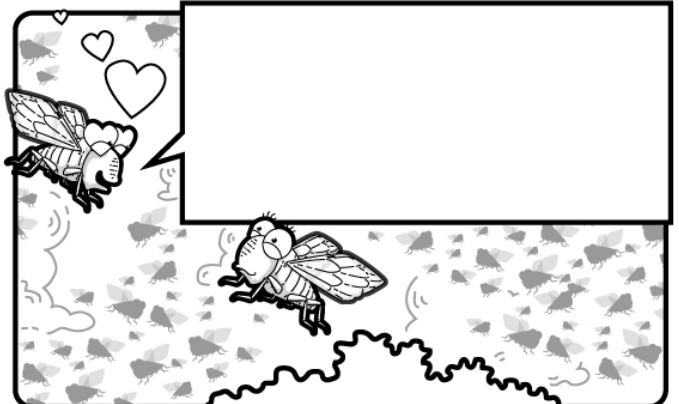
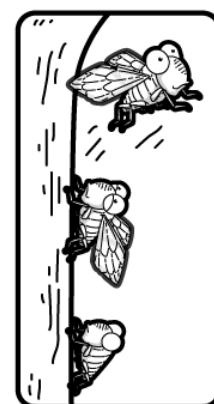
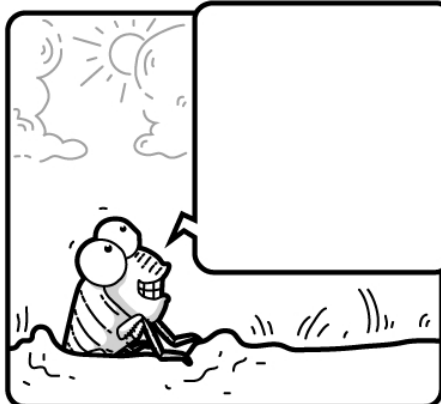
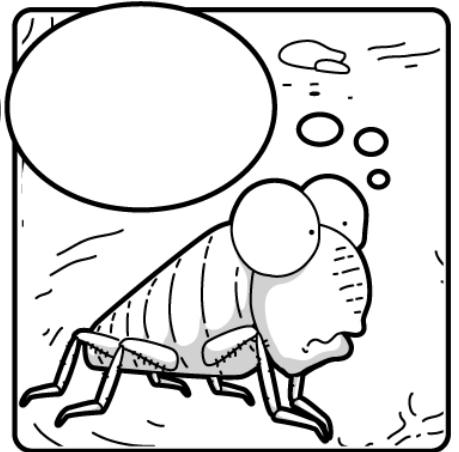
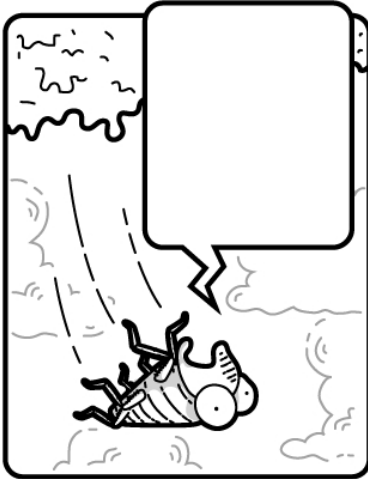
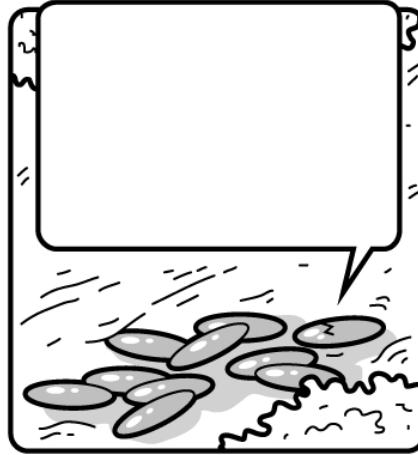
5

4



Name: \_\_\_\_\_

# The INCREDIBLE Cicada!



Name: \_\_\_\_\_

# Use the code to finish the cicada facts below.



$\Delta$ = A	$\rightarrow$ = G	= N		
= C	$\downarrow$ = H	$\blacklozenge$ = O		
$\star$ = D	$\uparrow$ = I	= P	= S	= U
= E	$\leftarrow$ = L	= R	$?$ = T	= W

- Cicadas are  $\uparrow$   $?$  .
- Cicadas are not \_\_\_\_\_ or flies.  $\rightarrow$   $\Delta$   $\downarrow$   $\blacklozenge$  .
- Cicadas have two pairs of clear \_\_\_\_\_  $\uparrow$   $\rightarrow$  .
- Cicadas have a pair of \_\_\_\_\_ antennae.  $\downarrow$   $\blacklozenge$   $?$
- Cicadas have big eyes that are set \_\_\_\_\_ apart.  $\uparrow$   $\star$
- Cicadas make the \_\_\_\_\_ sounds of any insect.  $\leftarrow$   $\blacklozenge$   $\star$   $?$