

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

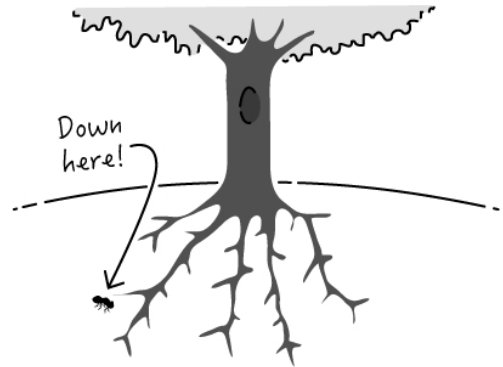
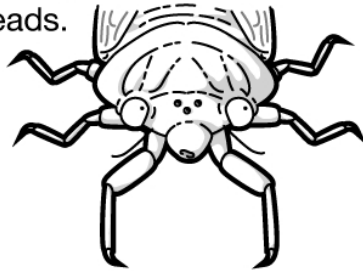


**What is a cicada?** It is a bug. You might have heard a buzzing sound in summer. That sound comes from a male cicada. He is trying to find a mate. The sound can be as loud as a lawn mower. That is a **big** buzz! Do you sound that loud when you call a friend?



**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.



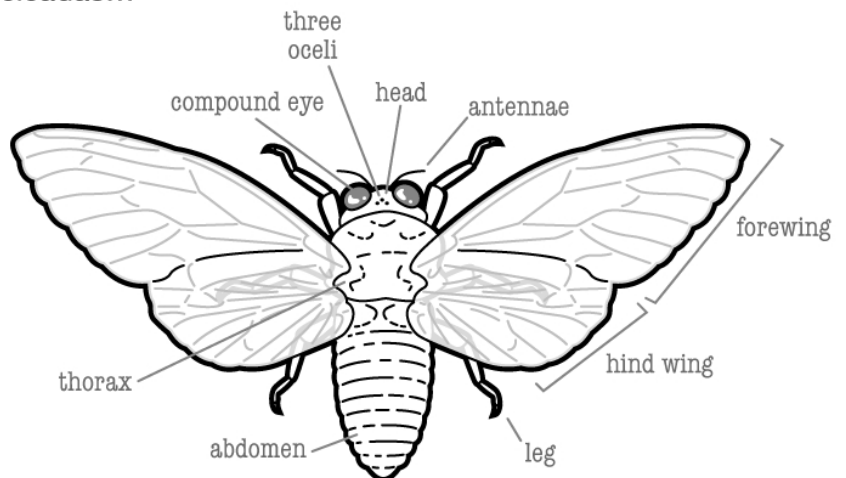
**What can you do with a cicada besides listen to it?**

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**?

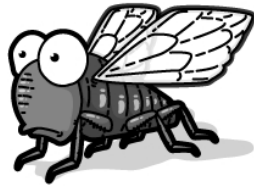


Whether you want to eat them, **RUN FROM THEM**, or just listen to them, get ready. The cicadas are coming!



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?

\_\_\_\_\_

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

---

---

---

---

---

---

---

---

---

---

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.

---

---

---

---

---

---

---

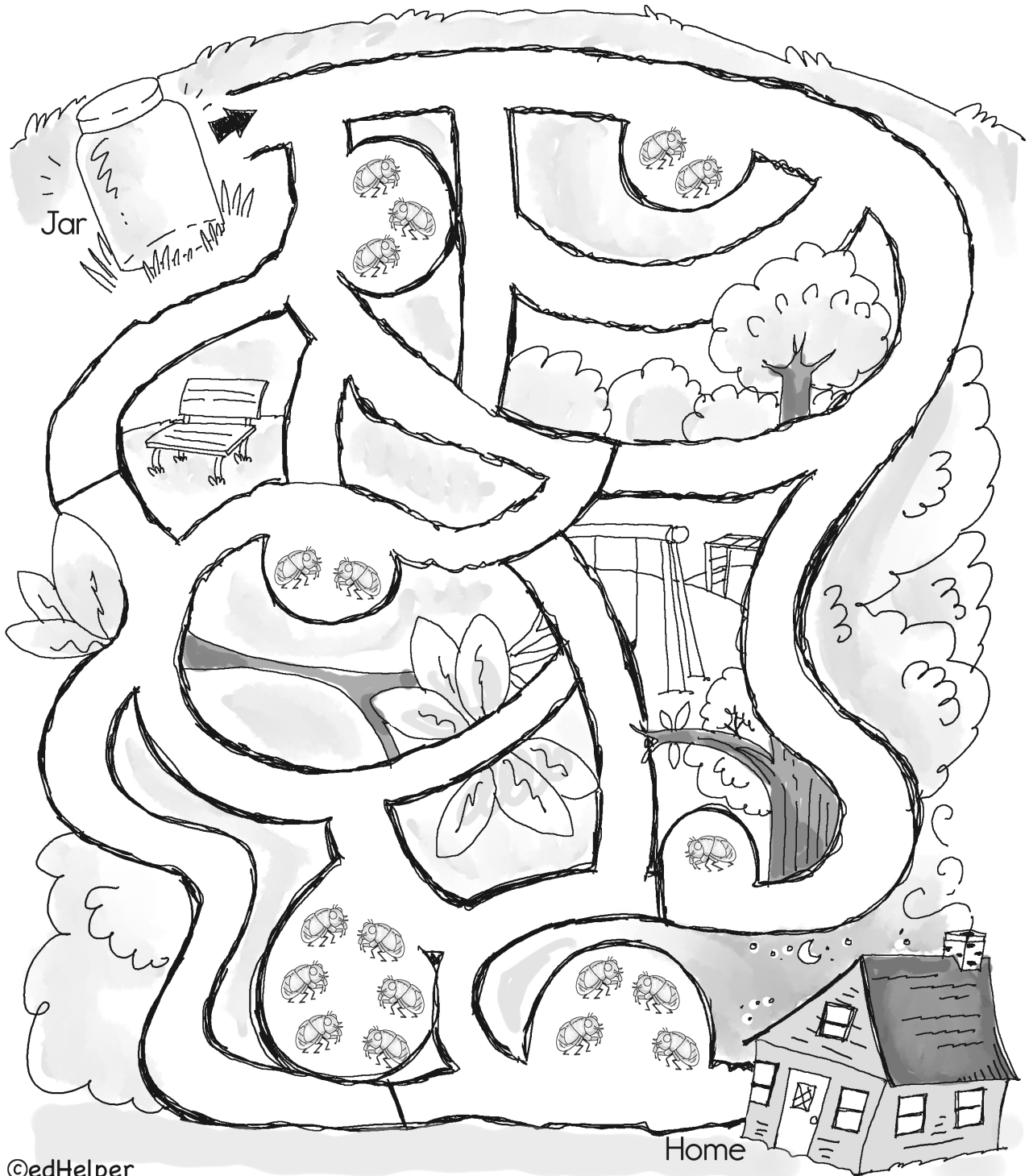
---

---

---

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

Start at the jar. Collect fifteen cicada shells (skins) on your way "Home."



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

## Finding Words Multiple Times

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

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

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

I found BROOD X \_\_\_\_ time(s).

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

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

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

I found IMAGOES \_\_\_\_ time(s).

I found DYING \_\_\_\_ time(s).

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

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

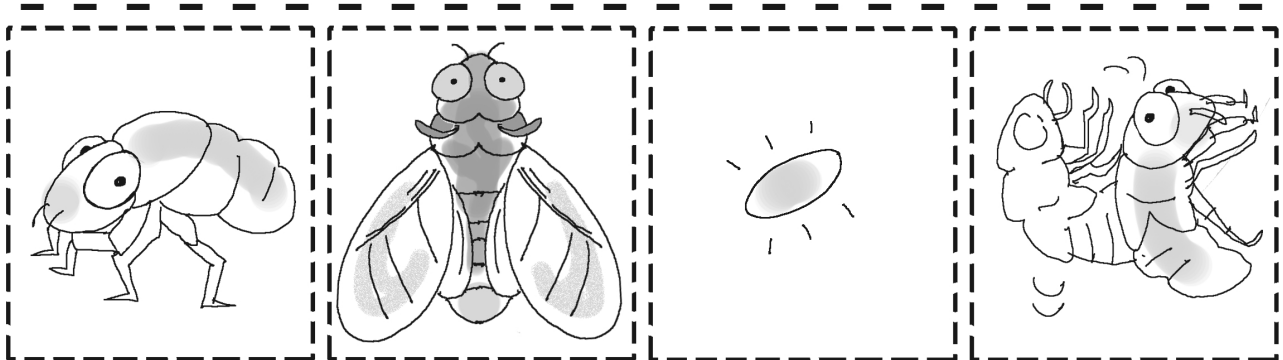
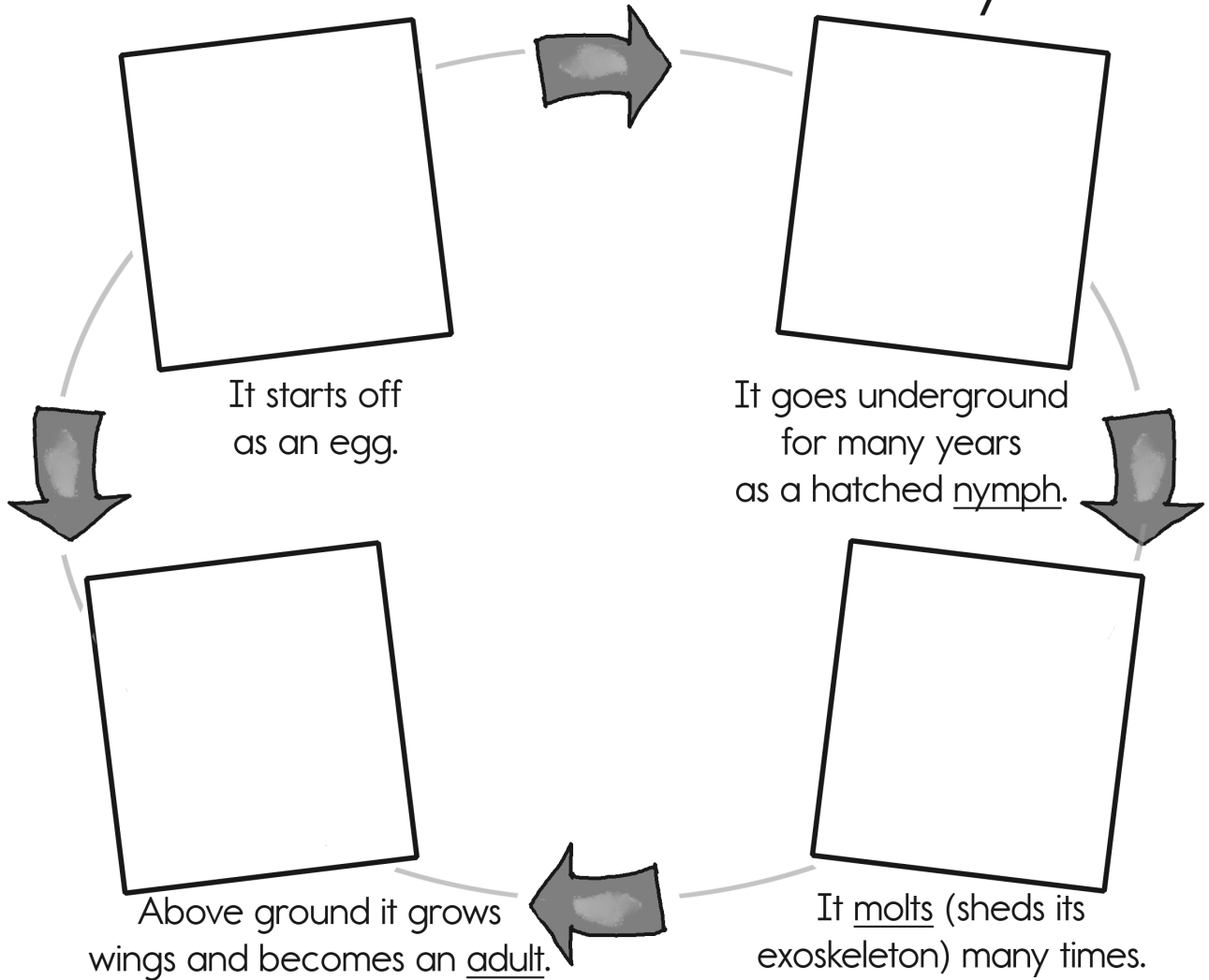




Name: \_\_\_\_\_

# Life Cycle of the Cicada

Cut along the dashes of the bottom pictures.  
Paste them above the sentences they show.




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 = /



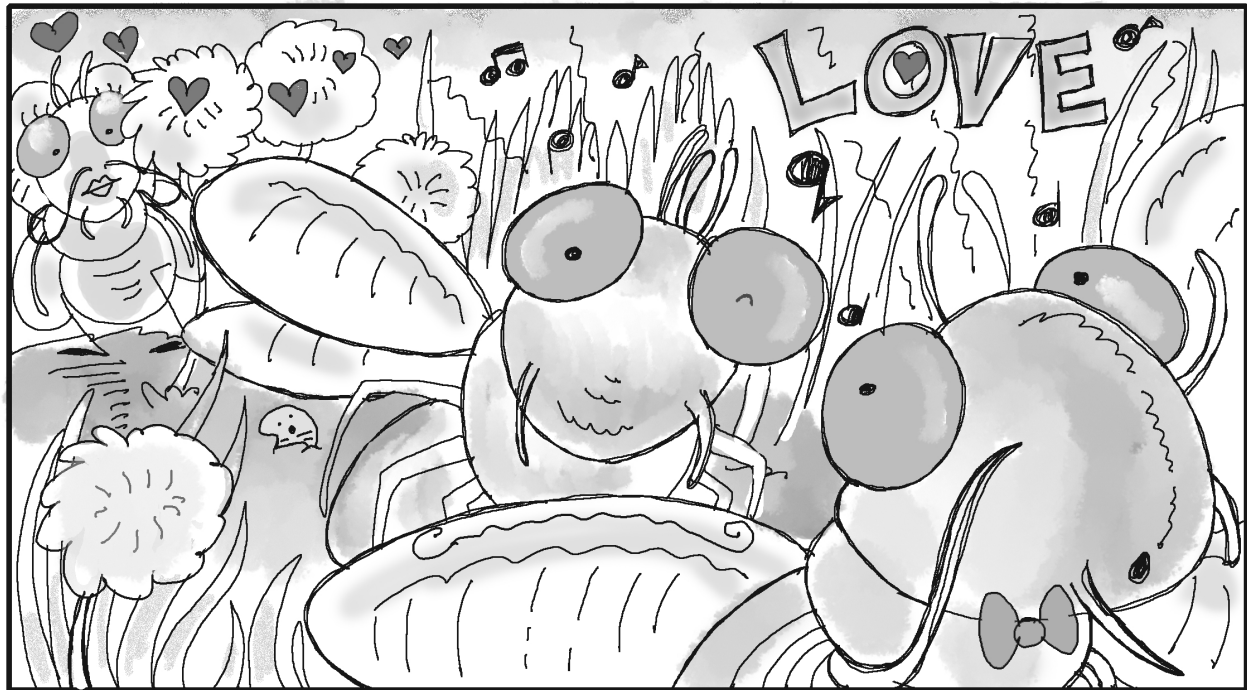
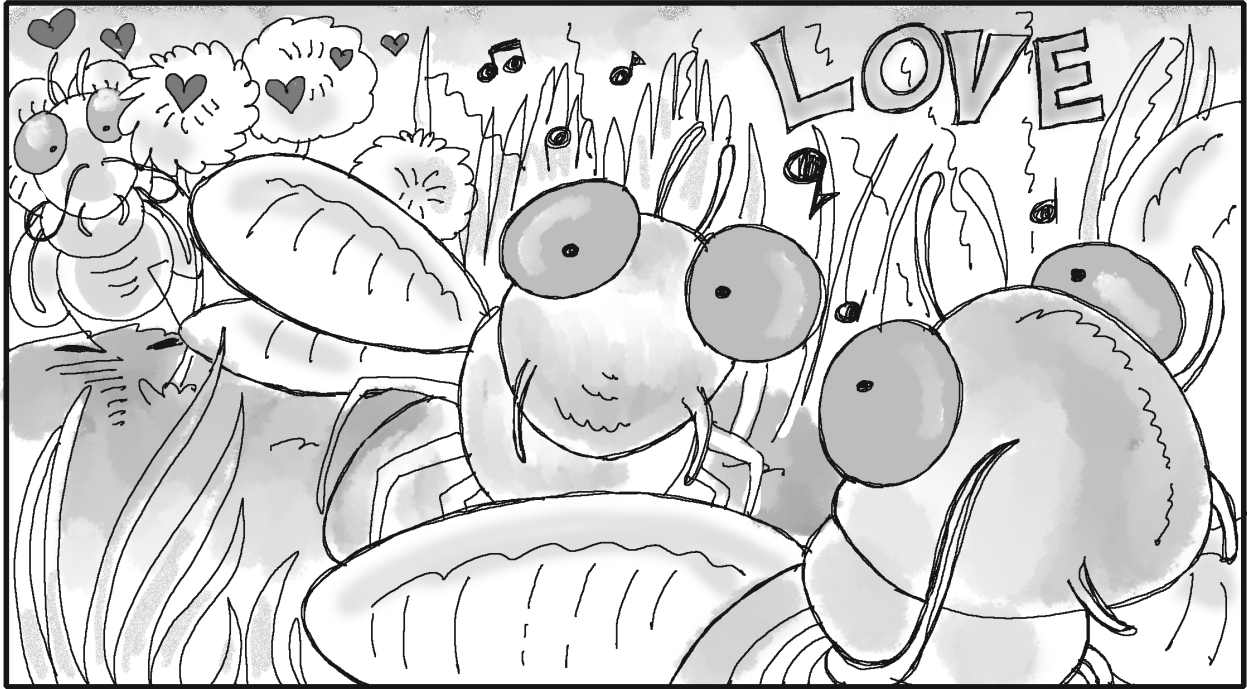
T = 

S = 



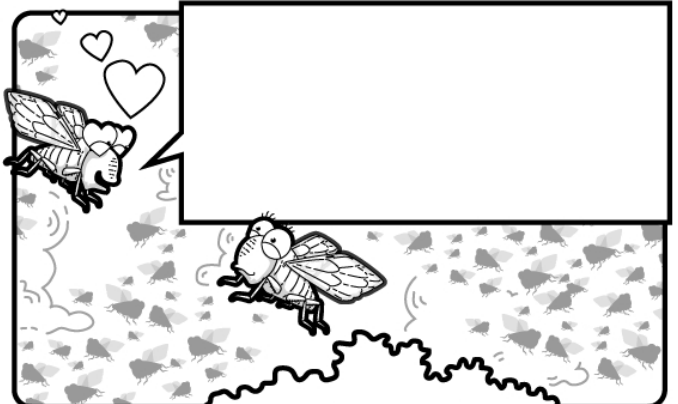
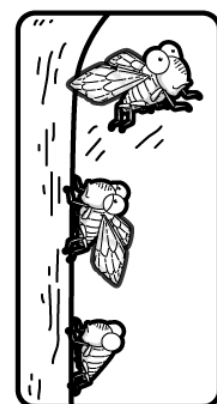
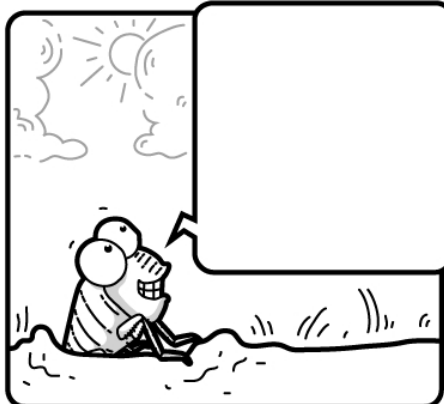
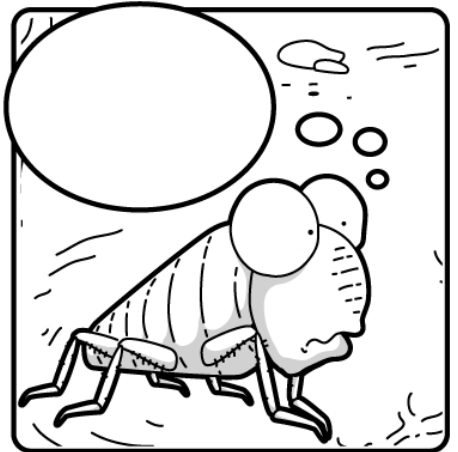
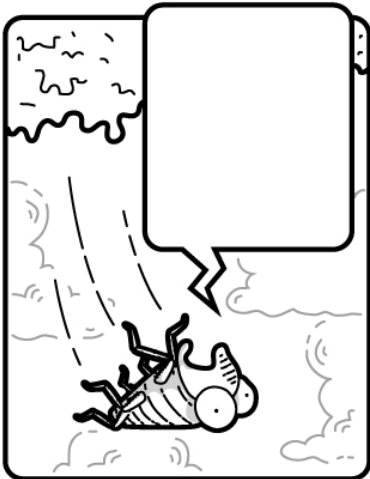
Name: \_\_\_\_\_

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!



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

# Use the code to finish the cicada facts below.

 $\Delta = A$  $\rightarrow = G$ 

paw = N

butterfly = C

 $\downarrow = H$ 

diamond = O

star = D

 $\uparrow = I$ 

flower = P

teardrop = S

umbrella = U

moon = E

 $\leftarrow = L$ 

leaf = R

? = T

spade = W

1. Cicadas are                                                                             

$\uparrow$  paw teardrop moon butterfly ? teardrop

2. Cicadas are not                                                                                                                                    

$\rightarrow$  leaf  $\Delta$  teardrop teardrop  $\downarrow$  diamond flower flower moon leaf teardrop

3. Cicadas have two pairs of clear                                                       

spade  $\uparrow$  paw  $\rightarrow$  teardrop

4. Cicadas have a pair of                                                        antennae.

teardrop  $\downarrow$  diamond leaf ?

5. Cicadas have big eyes that are set                                            

spade  $\uparrow$  star moon

6. Cicadas make the                                                                              sounds of any insect.

$\leftarrow$  diamond umbrella star moon teardrop ?

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

Cicadas hatch from eggs, go through metamorphosis, and then finally enter adulthood. When young cicadas hatch, they drop to the soil and hide themselves underground.

They survive by sucking juices from the tree roots. A couple years later, they emerge to the surface and climb a tree where they finish the journey to become adults.

**Help this young cicada find his way up the tree maze.**

