

Instruction: In this picture you can see all kinds of places where mosquitoes like to breed. These places are called mosquito breeding sites. How many mosquito breeding sites do you see? Write your answer in the circle.

25



PICTURE MOSQUITO BREEDING SITES

ANSWER SHEET

25

Mosquito Facts

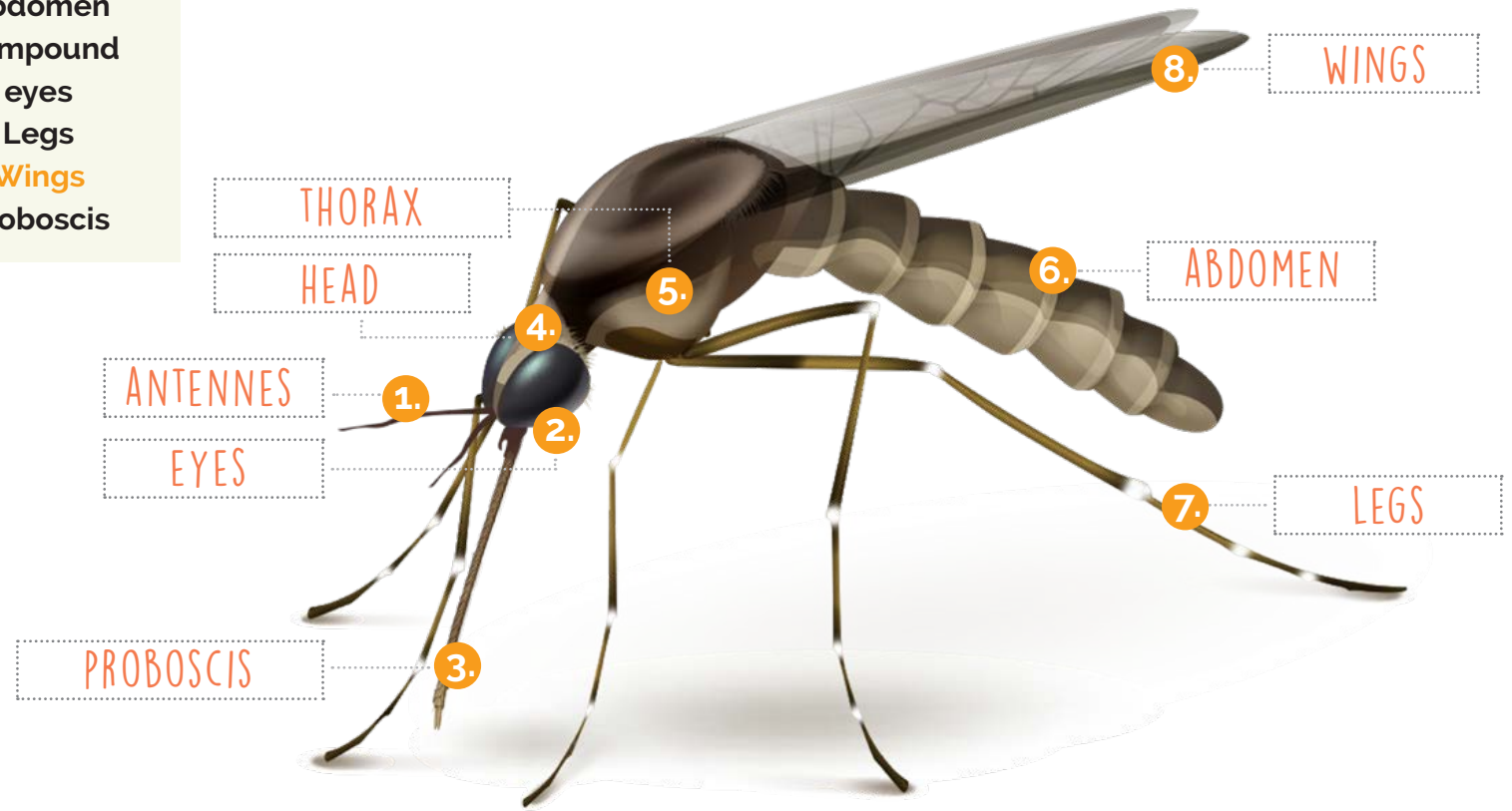
A mosquito has two eyes, six legs, two transparent wings and two feather-like antennae, which it uses to smell very well.

A mosquito has a small thin body without bones. The body consists of 3 parts: a head with visible proboscis, a thorax and an abdomen.

The 8 body parts of a mosquito:

Antennas
Thorax
Head
Abdomen
Compound eyes
Legs
Wings
Proboscis

Examine this mosquito carefully. Do you recognize all 8 body parts?
Write each body part in the correct box. We'll do one for you.



BODY PARTS GAME

ANSWER SHEET

In this puzzle 7 mosquito related words are hidden.

Can you find them?

We'll do one first.

Aedesaegypti

Mosquito

Chikungunya

Dengue

Zika

Virus

Infectious disease

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

WORD GAME

ANSWER SHEET

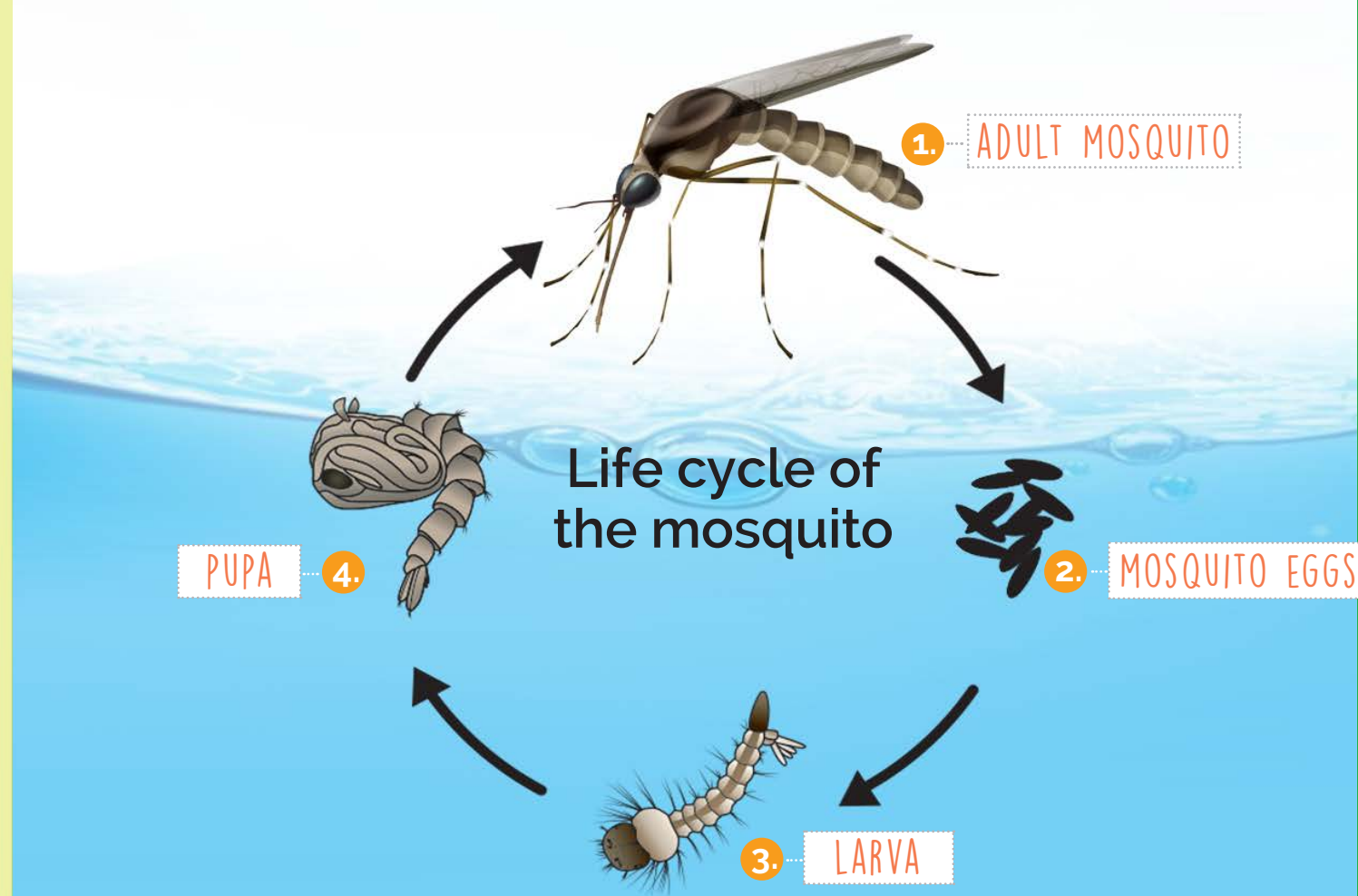


Mosquito Facts

The Aedes Aegypti mosquito develops from an egg to an adult mosquito in 5 to 10 days. The female mosquito lays her eggs on stagnant water. She lays eggs 4 to 5 times in her lifetime. She lays about 200 eggs in total.

The eggs hatch in water into a larva and the larva develops into a pupa. Eventually the pupa grows into adult mosquitoes, which in turn leave the water. Adult mosquitoes live about 6 weeks.

The drawing below shows the 4 life stages of a mosquito. Write the correct word for each phase **pupa**, **larva**, **adult mosquito**, **mosquito eggs**. We'll do one for you.



LIFE CYCLE GAME

ANSWER SHEET

In this picture you can see different types of insects. You can see mosquitoes, flies, bees, ants and butterflies. Count them and color them all. Write the correct answer in each circle. We'll do one for you.

Mosquito Facts

Mosquitoes are flying insects. There are at least a million species of insects and about three thousand species of mosquitoes on earth.

When a female mosquito quickly moves her wings up and down, you will hear an annoying buzzing sound. Male mosquitoes will then know that a female is nearby.

I see
5
mosquitoes

I see
4
flies

I see
3
butterflies

I see
8
ants

I see
5
bees

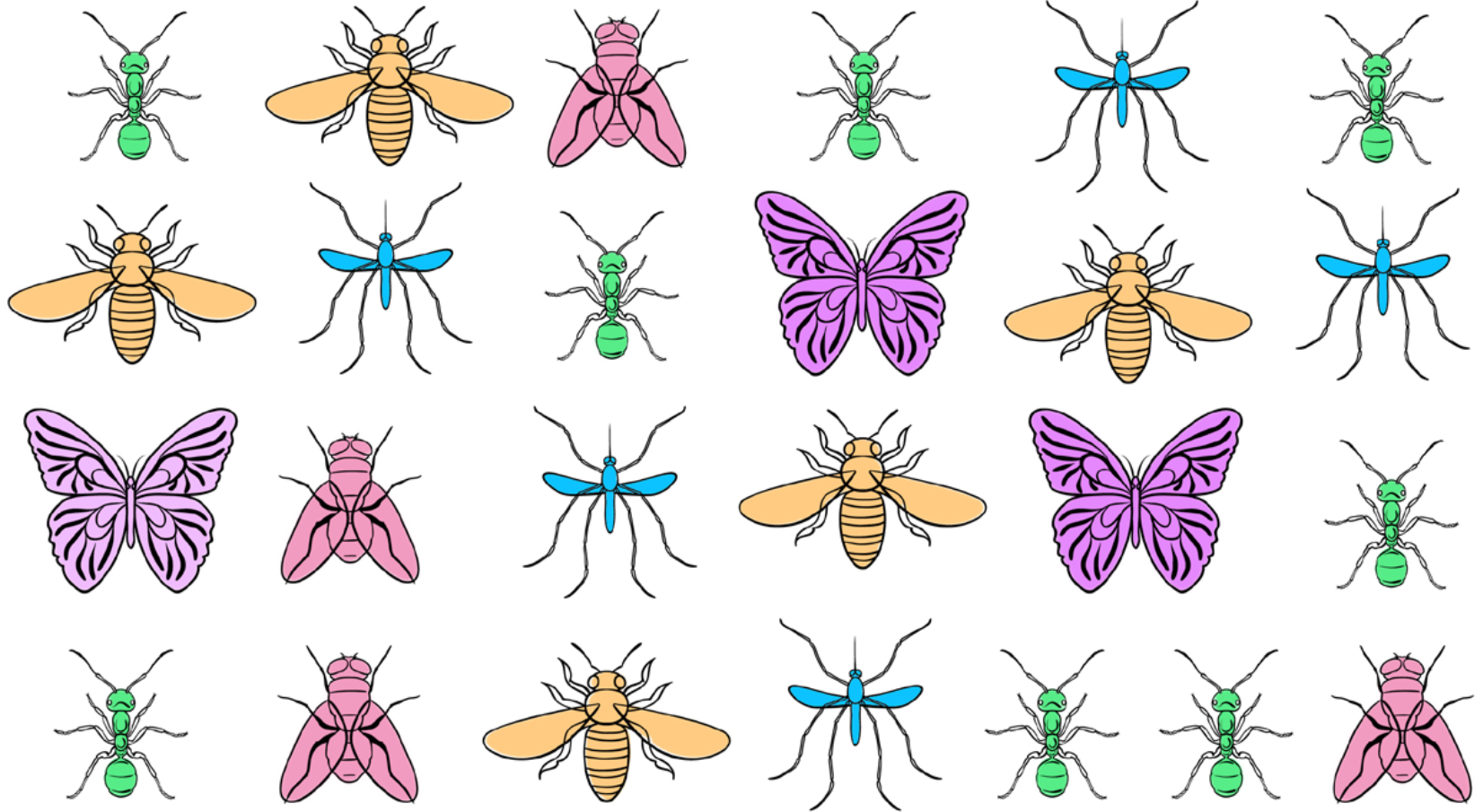
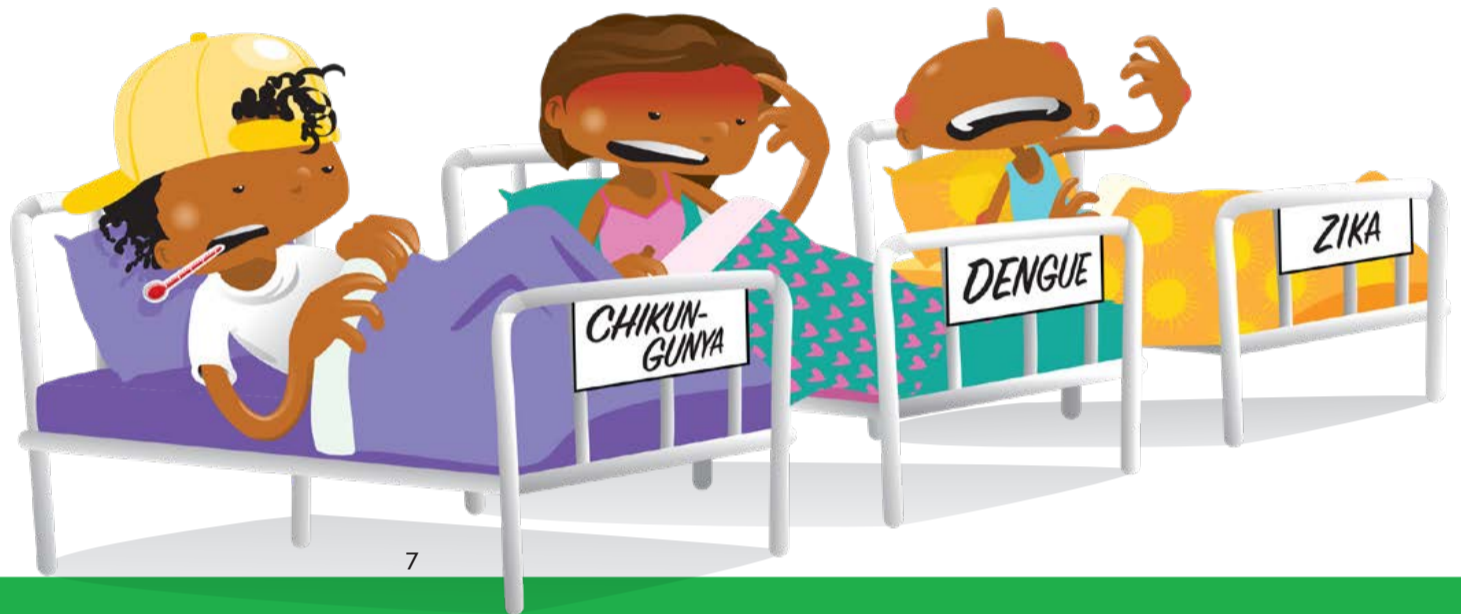


TABLE OF SYMPTOMS

SYMPTOMS

	C Chikungunya	D Dengue	Z Zika
1. Fever	✓	✓	✓
2. Headache	✓	✓	✓
3. Joint pain	✓	✓	✓
4. Skin rash	✓	✓	✓
5. Nausea and vomiting	✓	✓	✓
6. General malaise/ weakness in general	✓	✓	✓
7. Painful swollen joints that feel warm to the touch (arthritis)	✓		
8. Pain behind the eyes		✓	✓
9. Irritated (red) eyes	✓		✓
10. Painful bones		✓	
11. Nosebleeds, bleeding gums, blood in your stool, vomiting and bruising under the skin		✓	
12. Painful, swollen wrists, ankles, and soles of your feet	✓		
13. Swollen legs			✓



Mosquito Facts

Chikungunya, Dengue and Zika are infectious diseases. They are caused by the Chikungunya virus, the Dengue virus and the Zika virus.

When the Aedes Aegypti mosquito is infected with one of these viruses, it can in turn transmit the virus.

Chikungunya, Dengue and Zika cause flu like symptoms. Some symptoms are the same, but each disease also has symptoms that sets them apart.

In the table on the right, you can see the symptoms of each disease.



Look closely at the symptom table above. Write down for each symptom whether it belongs to chikungunya **C**, dengue **D** or zika **Z**. We'll do two for you.



Skin rash



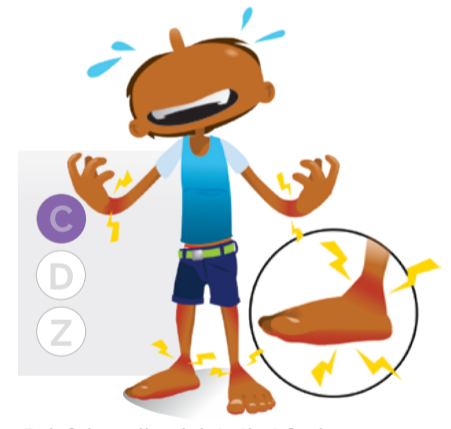
Irritated (red) eyes



Fever



Nausea and vomiting



Painful swollen joints that feel warm to the touch (arthritis)



Painful bones



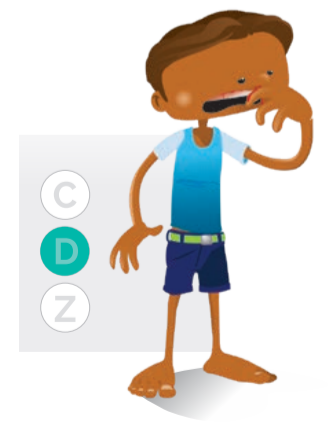
Headache



General malaise/ weakness in general



Blood in your stool



Nosebleeds and bleeding gums

Don't

give

Mosquitoes

a chance



Read each of the 6 questions carefully and color the circle with the correct answer. There is only 1 correct answer per question.

1. Which mosquito spreads Chikungunya, Dengue and Zika?

- Aedes Albopictus mosquito.
- Anopheles mosquito.
- Aedes Aegypti mosquito.

2. For which viral diseases aren't there any good vaccines invented yet?

- Chikungunya & Dengue & Zika.
- Polio & Chickenpox.
- Measles.

3. When does the Aedes Aegypti mosquito transmit a viral disease?

- Only if the mosquito itself is infected with the virus.
- Only if the mosquito lays eggs.
- Only if it is a male mosquito.

4. Which virus can you get infected with as many as 4 times?

- Zika
- Dengue
- Chikungunya

5. Which virus can be transmitted through sex, if one person is infected with the virus?

- Zika
- Chikungunya
- Malaria

6. Which symptoms do you only get with Dengue?

- Fever, headache and joint pain.
- Pain in your bones.
- Nosebleeds, bleeding gums and blood in your stool.



If you are unsure about your answers...

You can look at the ENNIA Mosquito Prevention Handbook 'Don't give mosquitoes a chance' It contains all the answers.



Scan the QR code!



VIRUS QUIZ

ANSWER SHEET

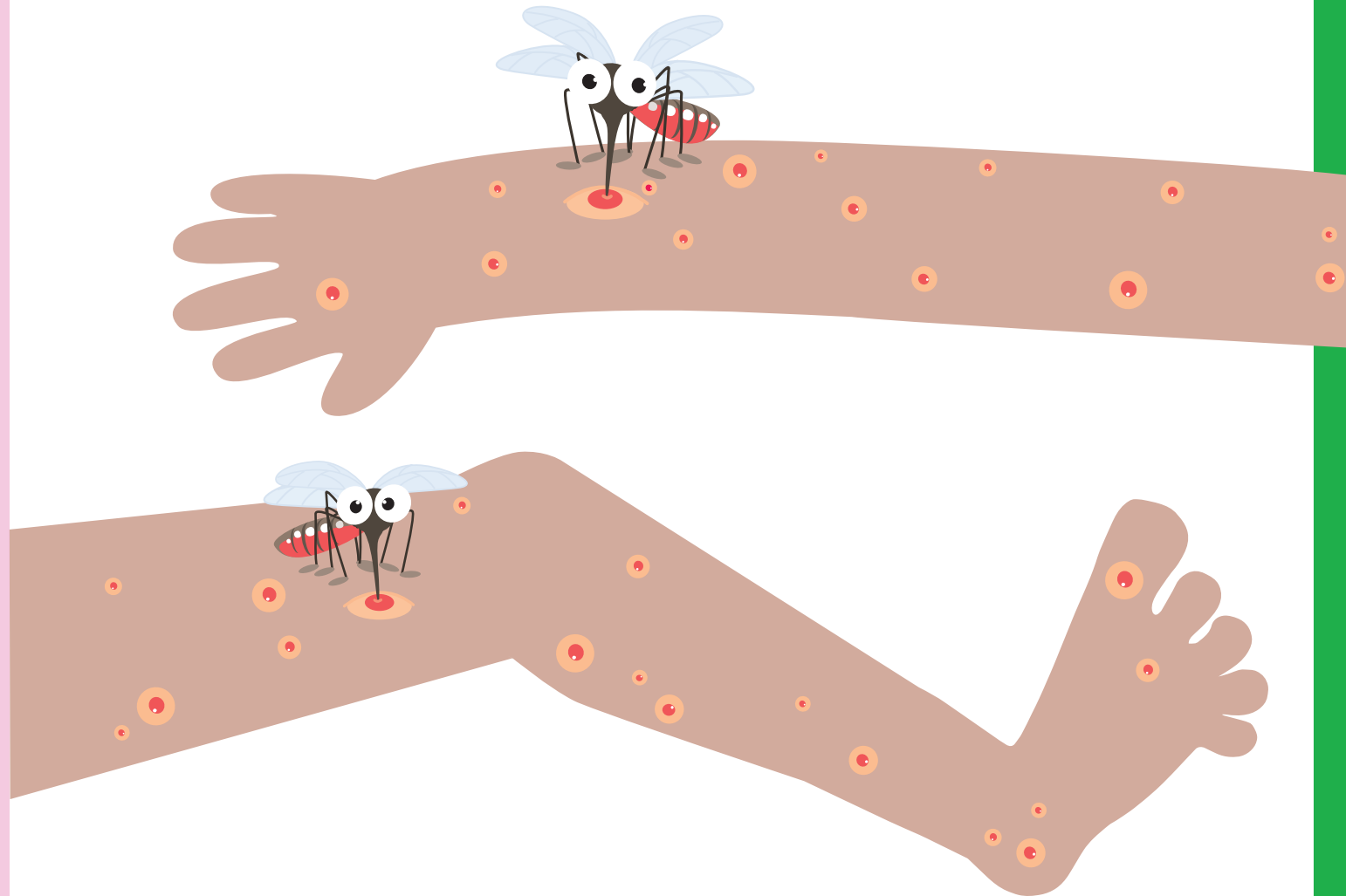
Mosquito Facts

The male Aedes Aegypti mosquito does not sting but the female mosquito does. When fertilized, she needs protein for the development of her eggs. She gets them from the blood of humans and animals. She sticks her proboscis in your skin and drills a small hole.

While doing that, she injects an anticoagulant into your blood. This way she can easily suck the blood without it becoming thick and clotting. Our immune system reacts to this drug and gives off an allergic reaction. This will give you a mosquito bite and cause a lot of itching.

How many mosquito bites do you see?
Write down the correct number in the white circle.

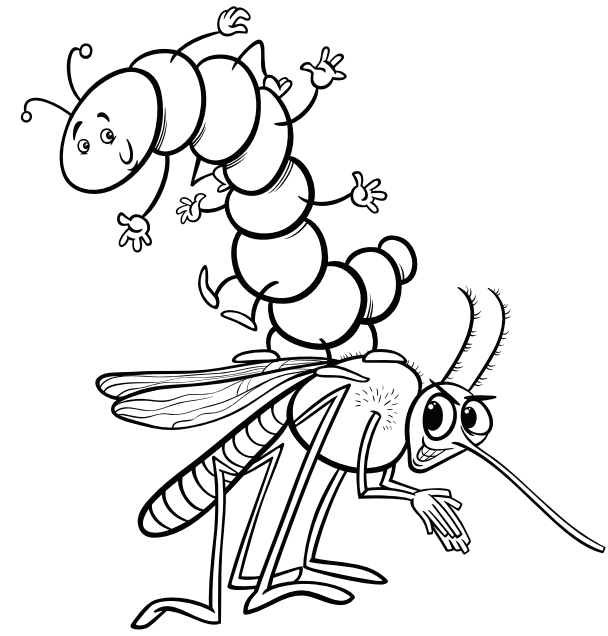
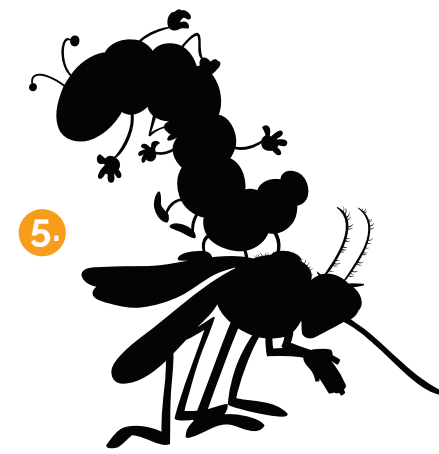
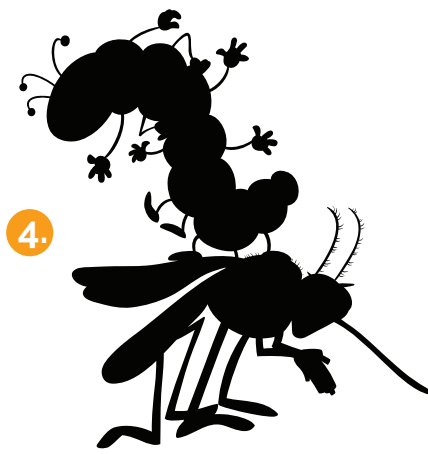
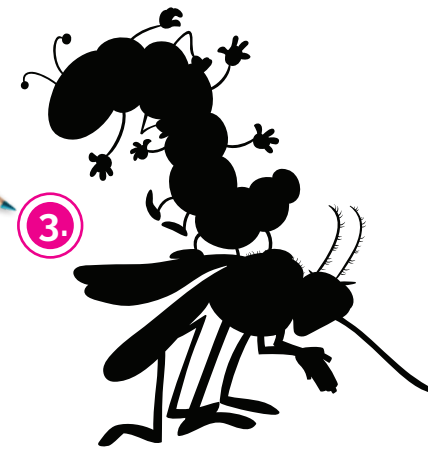
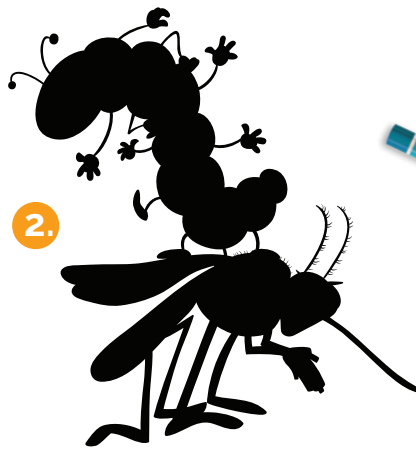
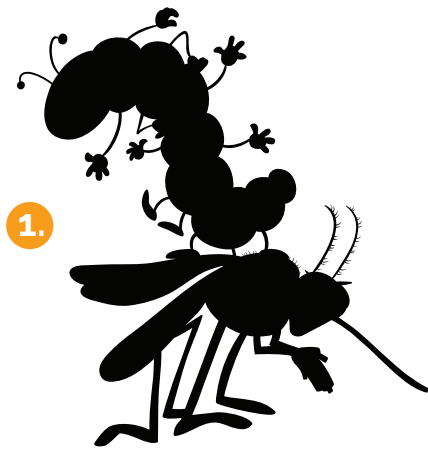
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MOSQUITO BITE GAME

ANSWER SHEET

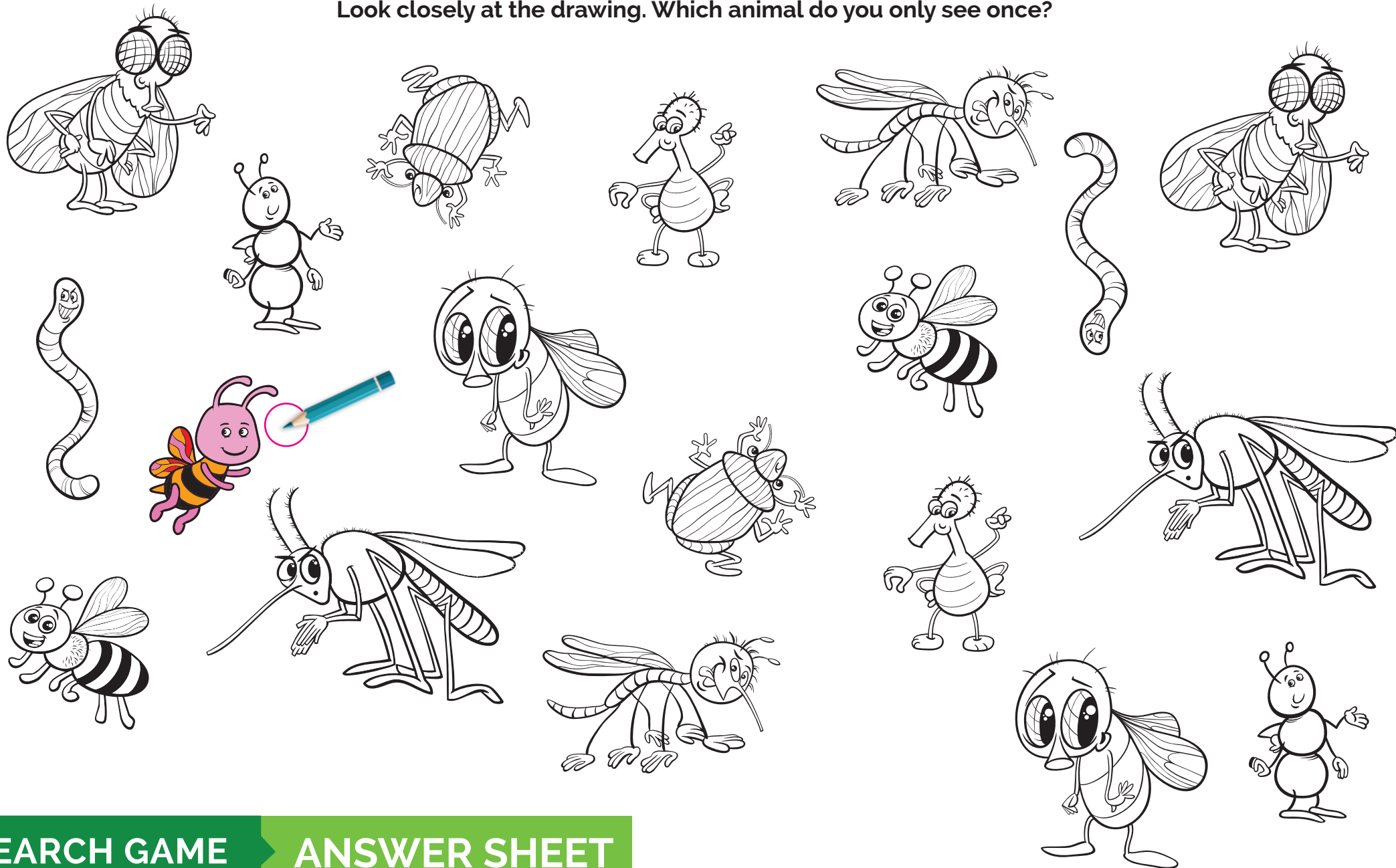
In this picture you can see 1 drawing and 5 shadows. Look closely! Which shadow belongs to the drawing?
Circle the correct number.



SHADOW GAME

ANSWER SHEET

Look closely at the drawing. Which animal do you only see once?



SEARCH GAME

ANSWER SHEET

In this picture all mosquito breeding sites are gone, so there are no more mosquitoes. If you look closely, you can see several mosquito repellents and a variety of items to catch mosquitoes. How many do you see? Write your answer in the circle.

13



Find the 10 differences. Do you see them all?



DIFFERENCE GAME

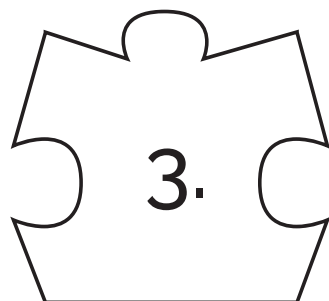
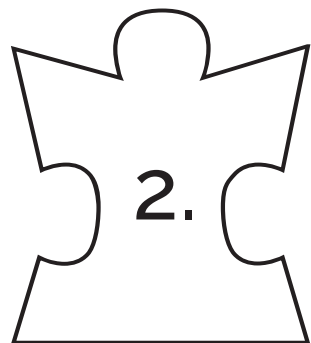
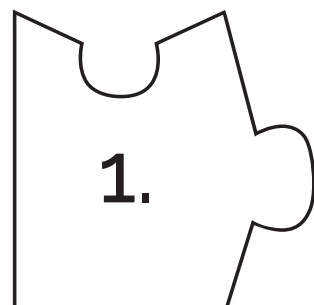
ANSWER SHEET

Do you see puzzle pieces 1, 2 and 3? Draw an arrow matching the pieces and write down the correct number.

Prevention tips

Aedes Aegypti mosquitoes can spread dangerous diseases. Protect yourself!

- ✓ Sleep under a mosquito net.
- ✓ Install screens on windows and doors.
- ✓ Remove objects that contain water.
- ✓ Repair air conditioners and faucets that leak water.
- ✓ Clean up litter.
- ✓ Make sure your garden hose isn't leaking.
- ✓ Remove car tires from your yard.



PUZZLE GAME

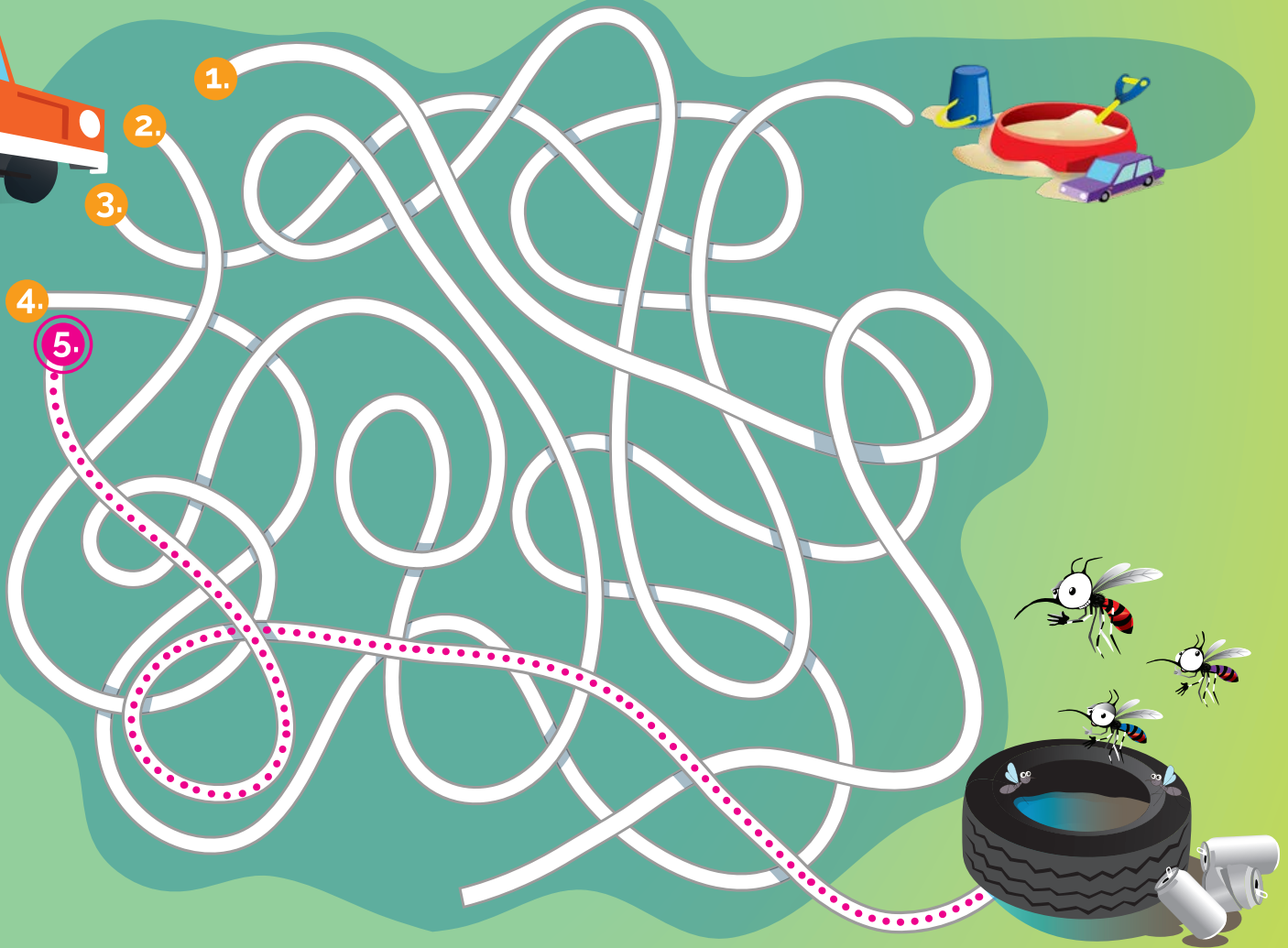
ANSWER SHEET

Prevention tips

When there are a lot of mosquitoes, the government sometimes sends spray trucks into the neighborhoods. They spray against mosquitoes that spread Chikungunya, Dengue and Zika. They use the insecticide 'Pyrethrin'.

Take the following measures when the spray trucks pass by in your neighborhood:

- ✓ Cover food and utensils.
- ✓ Keep windows and doors open to allow the insecticide to penetrate all areas.
- ✓ Keep them open for at least an hour after the spray trucks have passed by.



MAZE GAME

ANSWER SHEET

Prevention Tips

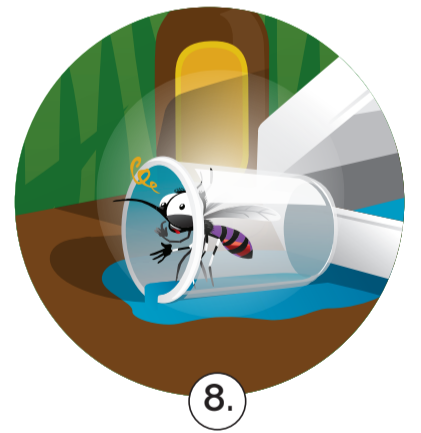
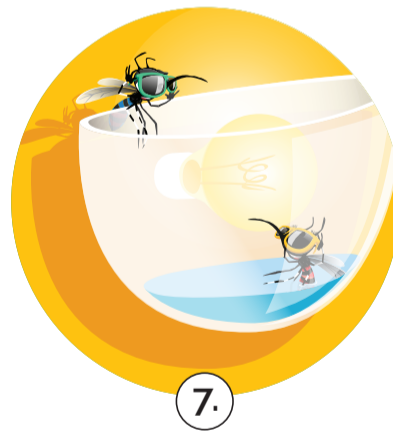
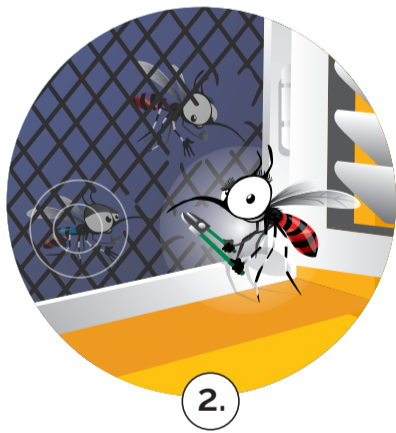
The female *Aedes Aegypti* mosquito prefers to lay her eggs in clean, stagnant water but if there is no clean water, dirty water will suffice.

Therefore, it's important that puddles and all objects that can collect water in and around your home are removed or covered.



MAGNIFYING GAME

In the picture above you can see 8 mosquito breeding sites. On this page, those mosquito bites are enlarged. Where did the mosquito tracker look at each picture? Put the correct number in each circle. We'll do one for you.



MAGNIFYING GAME ANSWER SHEET

Prevention Tips

You can scare off mosquitoes using effective repellents such as DEET, Picaridin, Lemon and Eucalyptus oil.

These ingredients can be found in mosquito repellents or in citronella candles. They are not safe for very young children.

Many people use an electric mosquito racket to kill mosquitoes by giving them a mild electric shock or place a mosquito trap in their garden.



SUDOKU GAME

ANSWER SHEET

Clean up the litter. Draw a dotted line from each object to the correct bin or to the garbage bag. We'll do one for you.

Prevention Tips

The female Aedes Aegypti mosquito lays about 200 eggs in her lifetime. She prefers to lay them in clean, stagnant water, but dirty water will also work.

The female Aedes Aegypti mosquito likes litter with low water. Therefore, always clean up litter in your garden, in your street and at your school!



CLEAN UP GAME

ANSWER SHEET

Mosquito detector test.

Color the circle with the correct answer. There is only 1 correct answer.

1. An *Aedes Aegypti* mosquito goes through four life stages in its lifetime. What is the correct lifecycle order?

- Webu › Egg › Pupa › Larva › Adult mosquito
- Egg › Larva › Pupa › Adult mosquito
- Egg › Larva › Pupa › Adult mosquito

2. Which statement about the female *Aedes Aegypti* mosquito is correct?

- She lives about 6 weeks.
- She prefers to bite pets.
- She lays about 500 eggs in her lifetime.

3. What does the adult female mosquito need to produce eggs?

- Sunlight
- Water
- Blood

4. How long can mosquito eggs survive on the edges of objects?

- Up to a week.
- Up to a month.
- Up to a year.

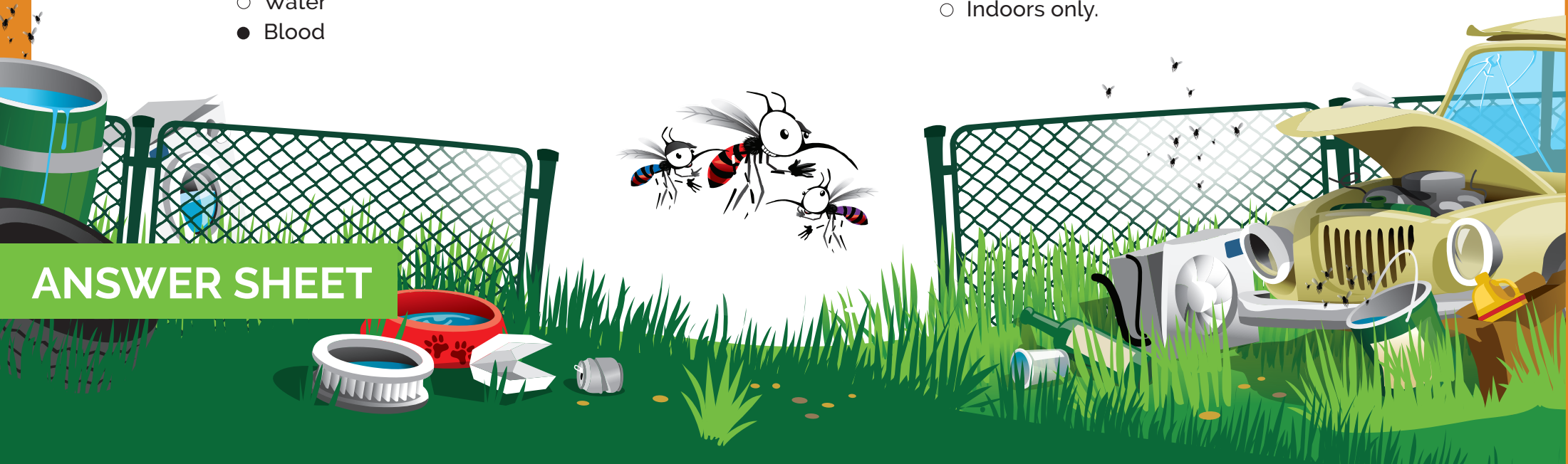
5. Which statement about the *Aedes Aegypti* mosquito is correct?

- The mosquito lays its eggs in stagnant water.
- The mosquito lays its eggs in running water.
- The mosquito lays its eggs in the sand.

6. When does the *Aedes Aegypti* mosquito bite people?

- Only at sunrise and sunset.
- The whole day long.
- Indoors only.

ANSWER SHEET



Color the circle with the correct answer.

7. What kind of clothing attracts mosquitoes?

- Light-colored clothing.
- Dark clothes.
- Hip clothes.

8. When is the *Aedes Aegypti* mosquito most active?

- At sunrise and sunset.
- In the winter.
- During the night.

9. What viral disease is not spread by the *Aedes Aegypti* mosquito?

- Chikungunya
- Dengue
- Malaria

10. Which of these viruses can be dangerous for pregnant women?

- Chikungunya
- Dengue
- Zika

11. Which ingredient does not protect against mosquito bites?

- DEET
- Eucalyptus lemon oil
- Suntan lotion

12. Which inspectors can help to detect mosquito breeding grounds?

- Safety inspectors.
- Health inspectors.
- Cleaning service inspectors.



ANSWER SHEET