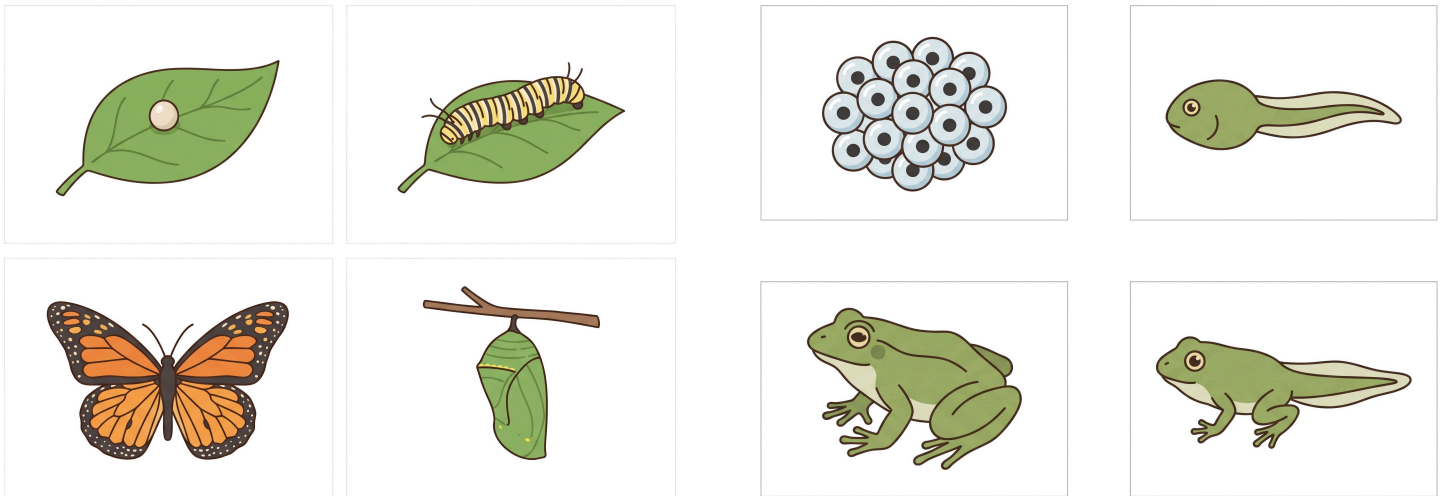


Life Cycles of a Butterfly and a Frog

How two animals change as they grow up



9

printable sheets

20

pages

All

answer keys included

Life Cycles of a Butterfly and a Frog Teaching Pack

How two animals change as they grow up

How to use this pack. The sheets are in a suggested teaching order: show the labeled diagrams, have students label the blank ones, then work through the practice sheets and finish with the quiz. Use them all over a week or pick the ones you need. The answer keys are together at the back.

What is inside

1. Teach

Life Cycle of a Butterfly Diagram	3
Life Cycle of a Frog Diagram	4

2. Label

Blank Life Cycle of a Butterfly	5
Blank Life Cycle of a Frog	6

3. Match

Butterfly and Frog Life Cycle Words	7
-------------------------------------	---

4. Read

Two Big Changes	8
-----------------	---

5. Compare

Butterfly or Frog?	10
--------------------	----

6. Review

Butterfly and Frog Crossword	11
------------------------------	----

7. Check

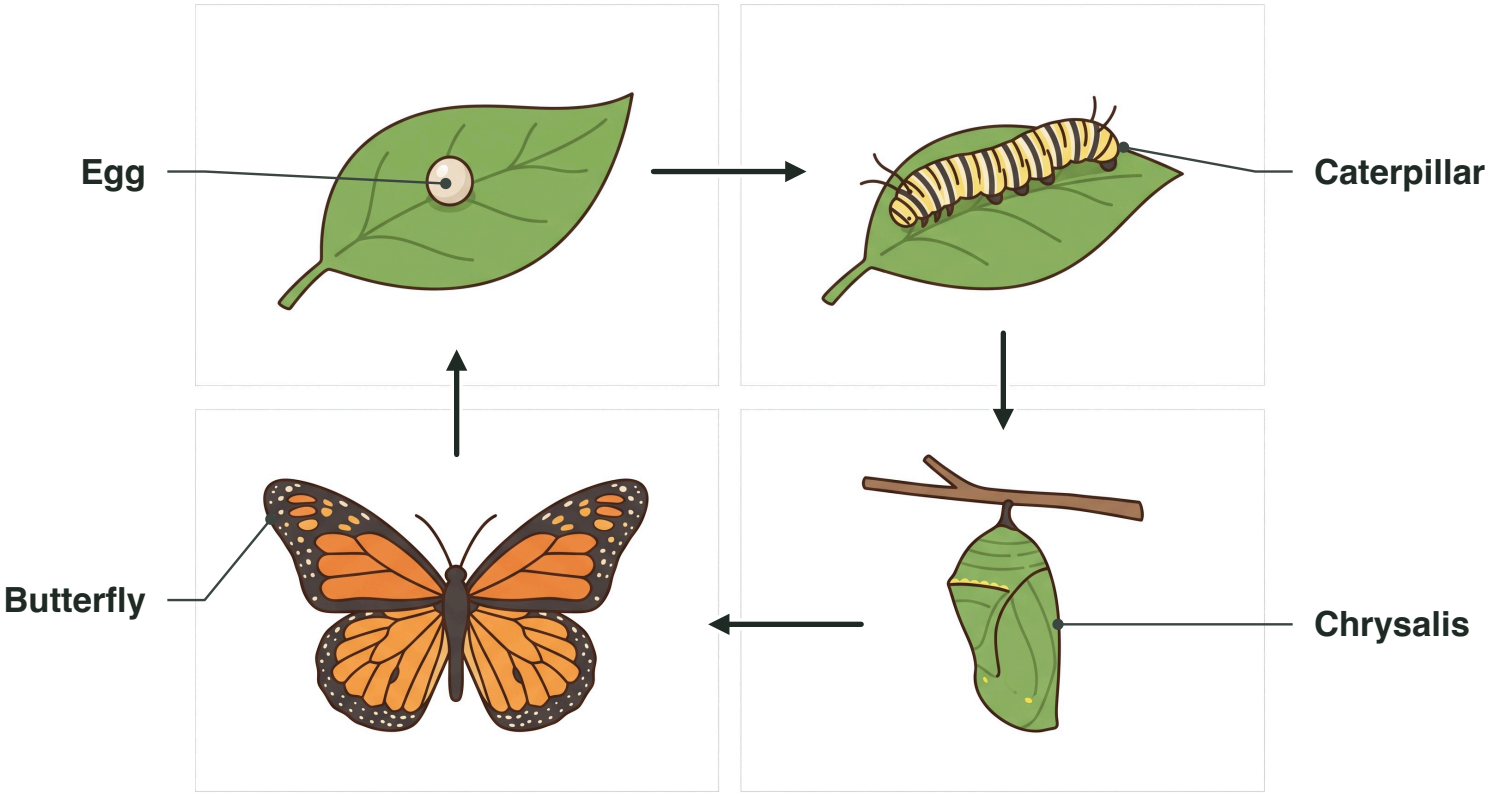
Butterfly and Frog Life Cycles Quiz	12
-------------------------------------	----

Answer keys

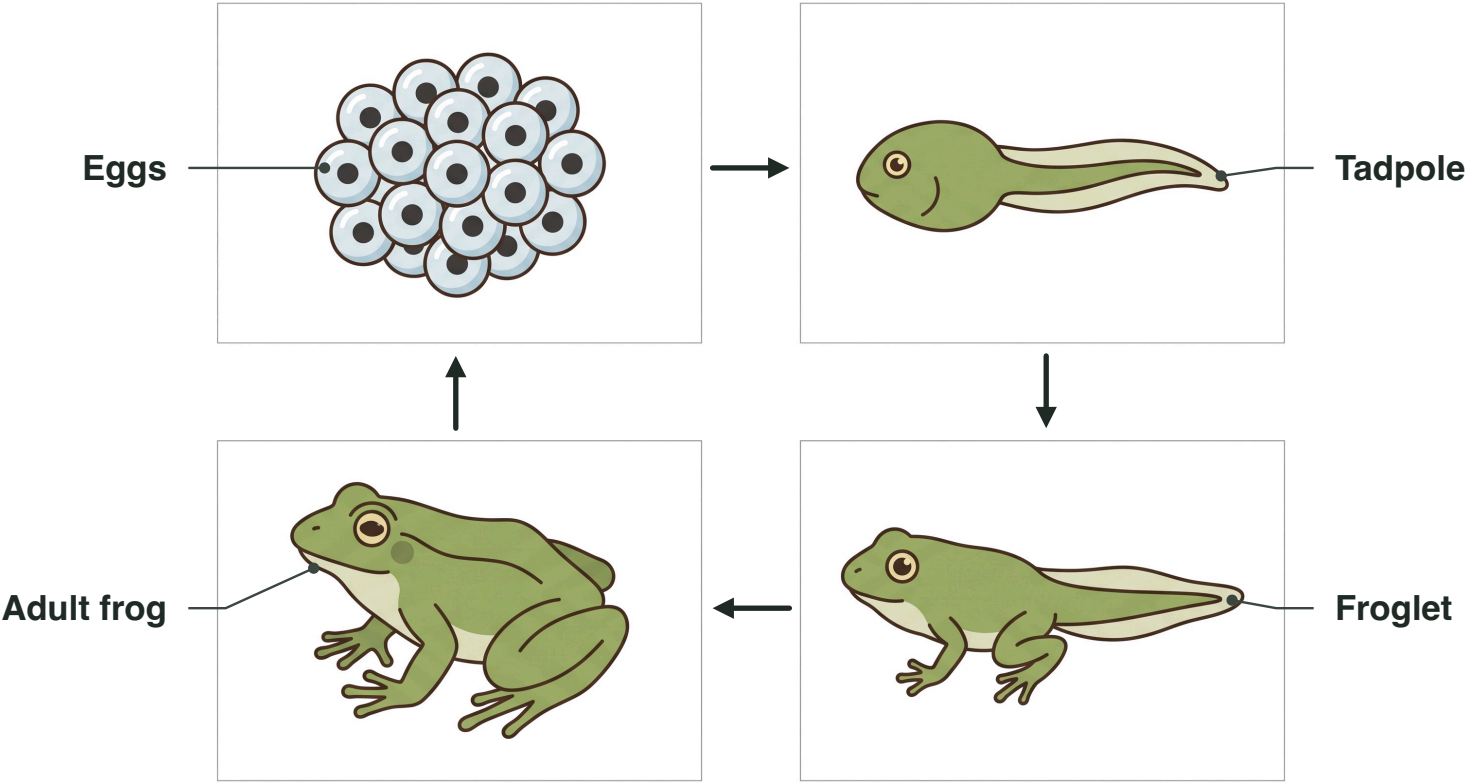
Every answer key, in the same order	14
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Life Cycle of a Butterfly



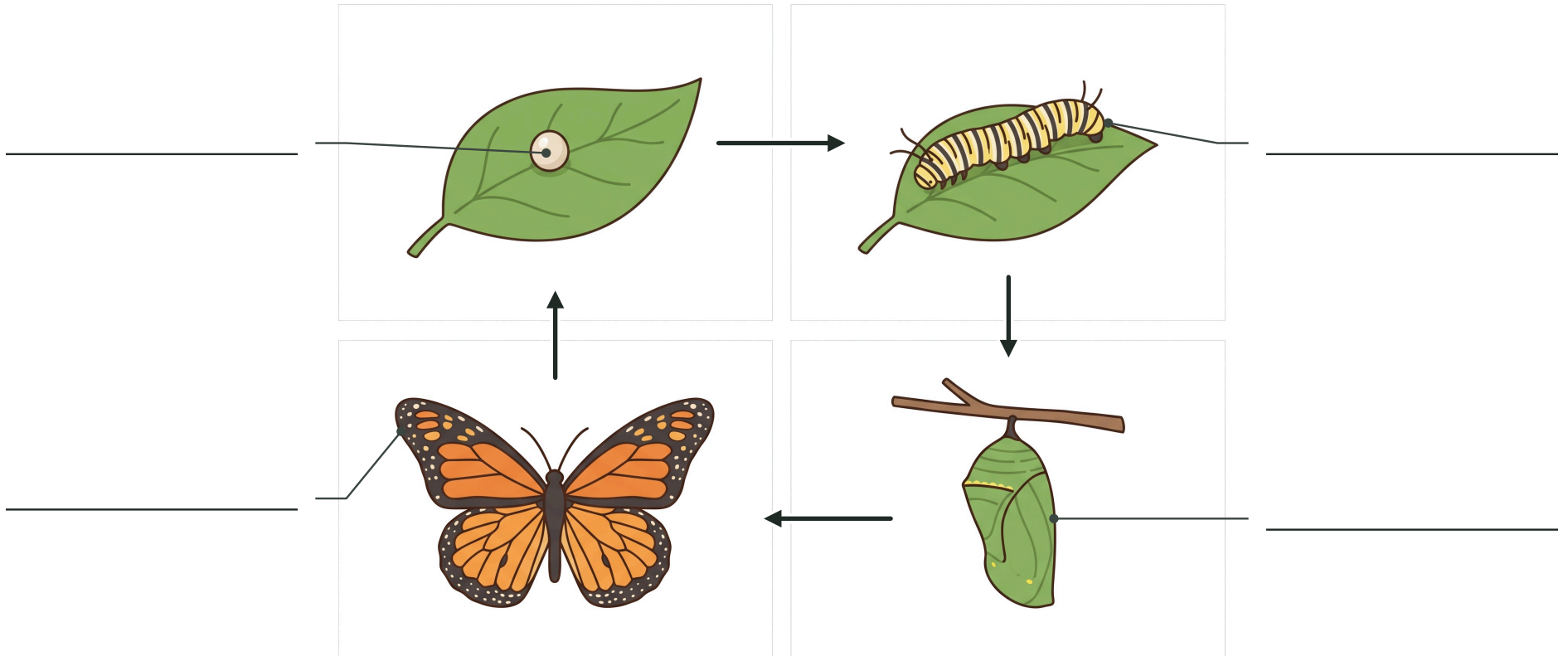
Life Cycle of a Frog



Life Cycle of a Butterfly

Name: _____

Write the name of each part on its line. Use the word bank.



Word bank

Butterfly

Caterpillar

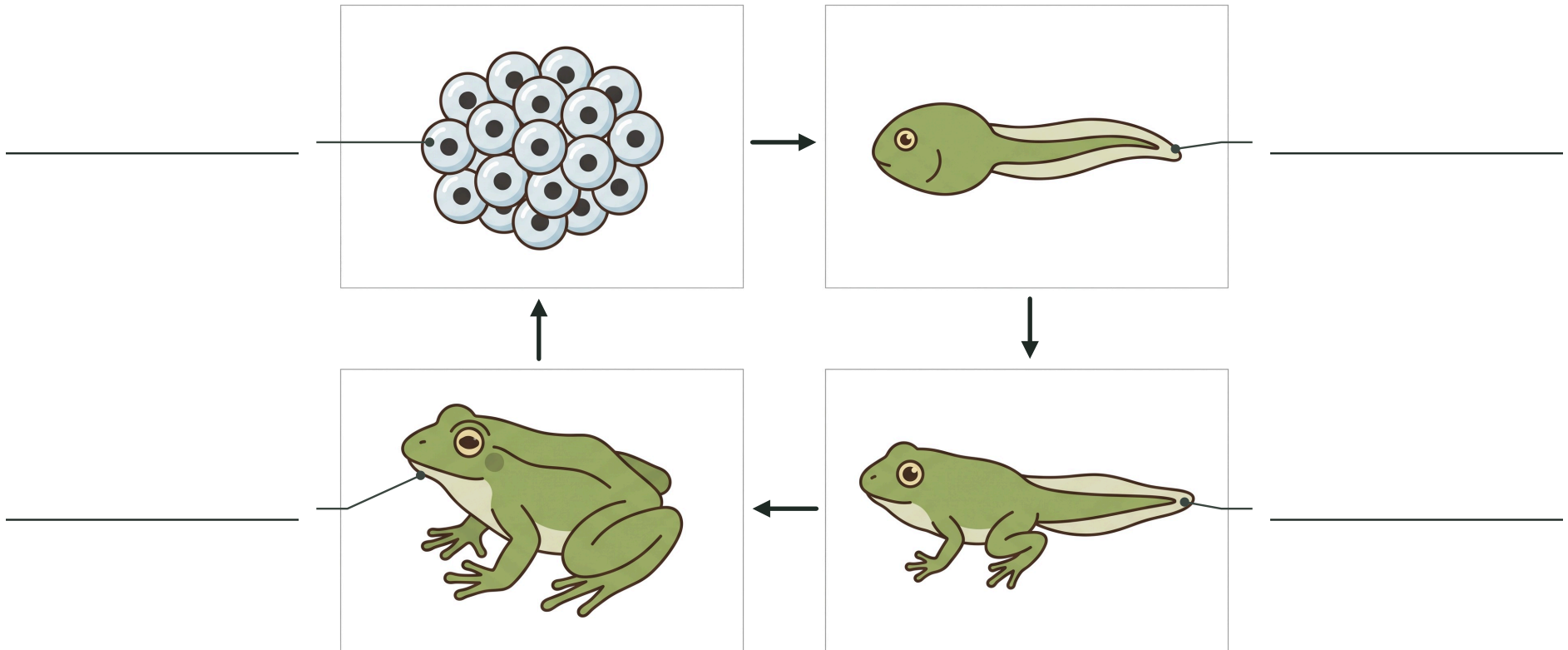
Chrysalis

Egg

Life Cycle of a Frog

Name: _____

Write the name of each part on its line. Use the word bank.



Word bank

Adult frog

Eggs

Froglet

Tadpole

Butterfly and Frog Life Cycle Words

Use the two labeled life cycle diagrams to help you.

Part A. Write the word or words that fit each description.

Word bank

Adult frog

Butterfly

Caterpillar

Chrysalis

Egg

Eggs

Froglet

Gills

Lungs

Metamorphosis Tadpole

1. It swims with a long tail. At first it has no legs. _____
2. It hangs from a twig. Inside, the body changes completely. _____
3. A frog lays a clump of these in the water. They look like jelly. _____
4. The big change in body shape as some animals grow up. _____
5. It hatches on a leaf. It eats leaves and grows fast. _____
6. It has four legs and no tail. It can live on land. _____
7. A tadpole breathes under water with these. _____
8. A tiny round one of these sits on a leaf. A caterpillar will hatch from it. _____
9. It looks like a small frog, but it still has a tail. _____
10. A grown frog breathes air with these. _____
11. The adult insect. It has wings and can fly. _____

Part B. Answer the questions.

1. Which stage of a butterfly's life is the larva? Which stage is the pupa?

2. Which stage of each life cycle lays the eggs?

3. A newly hatched tadpole has no legs and breathes with gills. Write two ways a froglet is different.

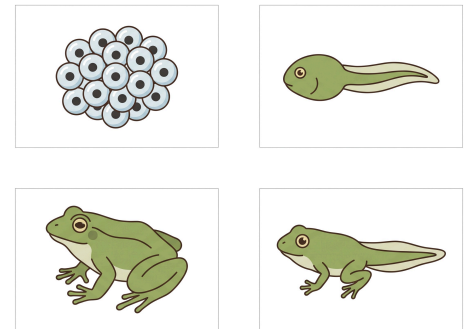
Two Big Changes

Read the text. Then answer the questions on the next page.

- 1 A kitten looks like a small cat. But some baby animals look nothing like their parents. Their bodies change shape completely as they grow up. This big change is called **metamorphosis**. Butterflies and frogs both go through it.
- 2 A butterfly starts life as a tiny **egg** on a leaf. A **caterpillar** hatches from the egg. The caterpillar is the **larva**. Its main job is to eat. It eats leaves and grows fast. It sheds its skin several times as it gets bigger.
- 3 Next the caterpillar hangs from a twig and becomes a **chrysalis**. This stage is the **pupa**. The chrysalis does not eat, but inside it the body is changing. At last an adult **butterfly** comes out. It has wings and can fly. Later a female butterfly lays eggs, and the cycle starts again.
- 4 A frog starts life in water. A female frog lays a clump of jelly-like **eggs** in a pond. A **tadpole** hatches from each egg. It has a long tail and no legs. It breathes under water with **gills**, as a fish does. Then the tadpole grows legs. The back legs come first, and the front legs come next. It also grows **lungs** for breathing air.
- 5 Now it is a **froglet**. It looks like a small frog with a tail. Slowly the tail shrinks away. The **adult frog** has no tail. It breathes with its lungs and through its skin, and it can live on land. It goes back to the water to lay eggs.



A butterfly's life: egg, caterpillar, chrysalis and butterfly.



A frog's life: eggs, tadpole, froglet and adult frog.

Two Big Changes: Questions

Go back to the text to find each answer. The paragraphs are numbered to help you.

1. What is this text mostly about?

- ☐ How to catch butterflies and frogs
- ☐ How butterflies and frogs change as they grow up
- ☐ What frogs eat in a pond
- ☐ Why kittens look like cats

2. What is metamorphosis?

3. What is a caterpillar's main job?

- ☐ To fly
- ☐ To lay eggs
- ☐ To eat
- ☐ To swim

4. Which stage of a butterfly's life is the pupa?

- ☐ The egg
- ☐ The caterpillar
- ☐ The chrysalis
- ☐ The butterfly

5. How does a newly hatched tadpole breathe?

- ☐ With lungs
- ☐ With gills
- ☐ Through its tail
- ☐ It does not breathe.

6. Number the steps 1, 2 and 3 to show how a tadpole changes (paragraphs 4 and 5).

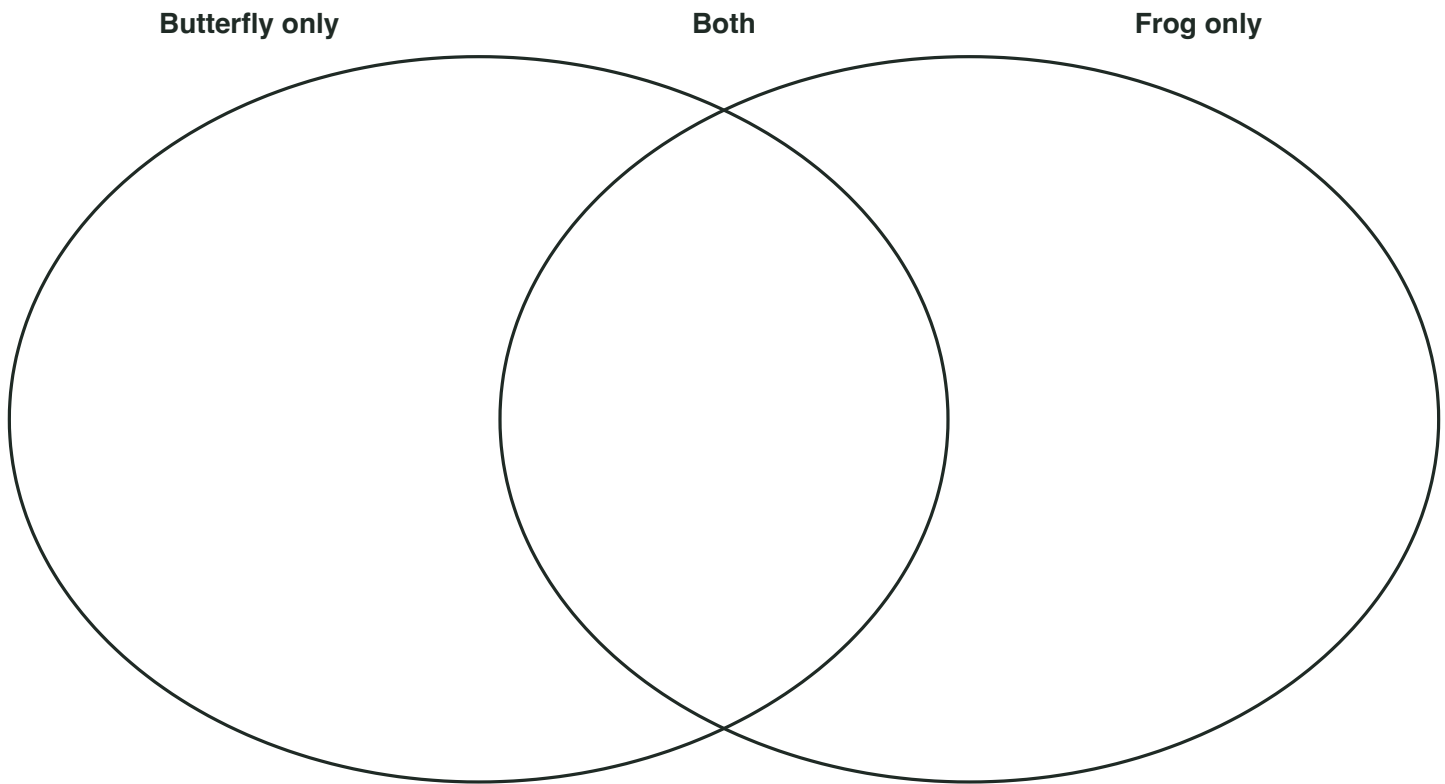
- ☐ The tail shrinks away.
- ☐ The back legs grow.
- ☐ The front legs grow.

7. How can you tell a froglet from an adult frog?

8. Write one way the life of a butterfly and the life of a frog are alike.

Butterfly or Frog?

Write each fact from the word bank in the part of the diagram where it belongs.

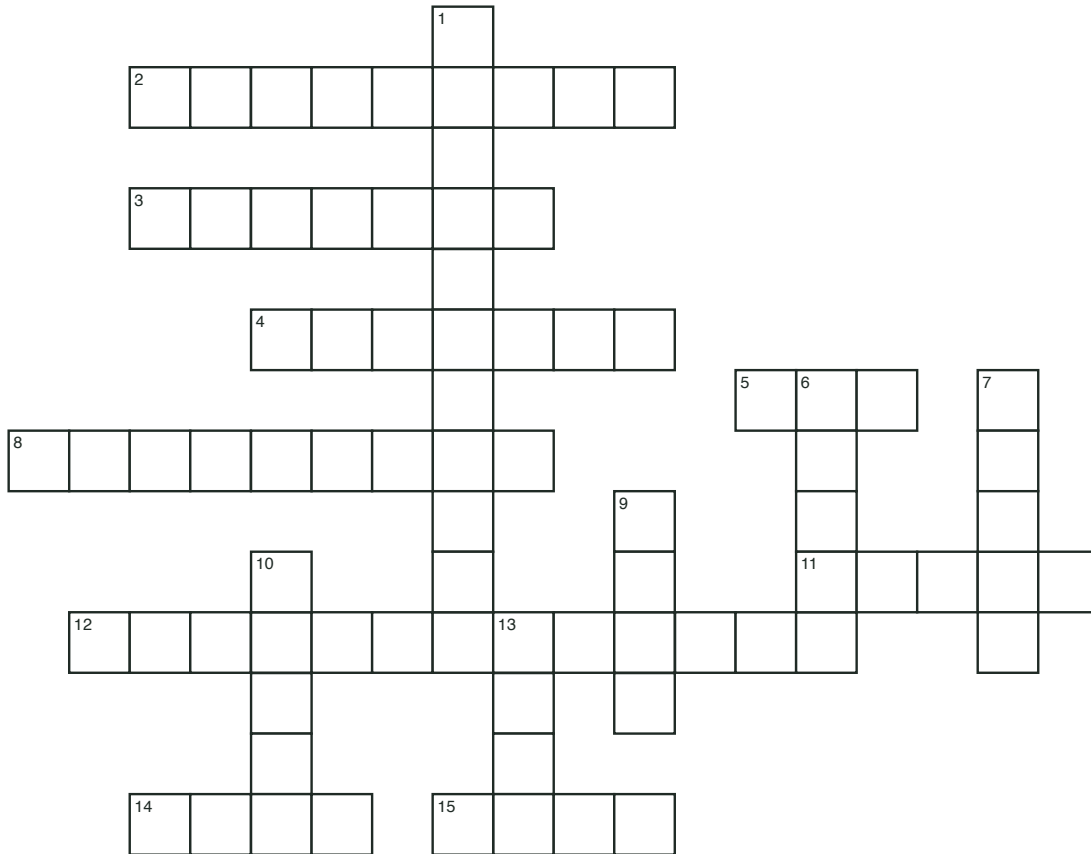
**Word bank**

Adult has lungs Adult has wings Adult lays eggs Egg is laid on a leaf
Eggs are laid in water Has a chrysalis stage Has a tadpole stage Has four stages Loses its tail
Metamorphosis Starts as an egg Young crawls on leaves Young has gills

A caterpillar and a tadpole look very different. Write one way they are alike.

Butterfly and Frog Crossword

Read each clue. Write the answer in the puzzle, one letter in each box. Use the word bank if you get stuck.



ACROSS

2. It hangs from a twig. A butterfly comes out of it.
3. It has four legs, but it has not lost its tail yet.
4. It hatches in a pond and swims with a long tail.
5. Both life cycles start with this.
8. An adult insect with four wings that began as a caterpillar.
11. A grown frog breathes air with these.
12. The big change in body shape as some animals grow up.
14. A butterfly lays its egg on one.
15. A froglet still has one. A grown frog does not.

DOWN

1. It hatches on a leaf, eats and grows fast.
6. A tadpole breathes under water with these.
7. A butterfly flies with these.
9. The adult of this animal has no tail and can live on land.
10. A caterpillar is this stage of a butterfly's life.
13. A chrysalis is this stage of a butterfly's life.

Word bank

butterfly caterpillar chrysalis egg frog froglet gills larva leaf lungs
metamorphosis pupa tadpole tail wings

Butterfly and Frog Life Cycles Quiz

Score _____ / 12

Show what you know about how a butterfly and a frog grow up.

Part A. This is the life cycle of a butterfly. Write the name of each stage.



A _____
B _____
C _____
D _____

Butterfly · Caterpillar · Chrysalis · Egg

Part B. Choose the best answer.

- What is metamorphosis?
 - ☐ A kind of frog
 - ☐ A big change in body shape as an animal grows up
 - ☐ The eggs of a butterfly
 - ☐ A place where frogs live
- Which stage of a butterfly's life is the larva?
 - ☐ The egg
 - ☐ The caterpillar
 - ☐ The chrysalis
 - ☐ The butterfly
- What does a newly hatched tadpole breathe with?
 - ☐ Lungs
 - ☐ Wings
 - ☐ Gills
 - ☐ Legs
- Which legs does a tadpole grow first?
 - ☐ The front legs
 - ☐ The back legs
 - ☐ All four at once
 - ☐ It never grows legs.
- How is a froglet different from an adult frog?
 - ☐ It has no legs.
 - ☐ It lives in a chrysalis.
 - ☐ It lays eggs.
 - ☐ It still has a tail.
- Where does a frog lay its eggs?
 - ☐ On a leaf
 - ☐ On a twig
 - ☐ In water
 - ☐ In a nest

Part C. Write your answer.

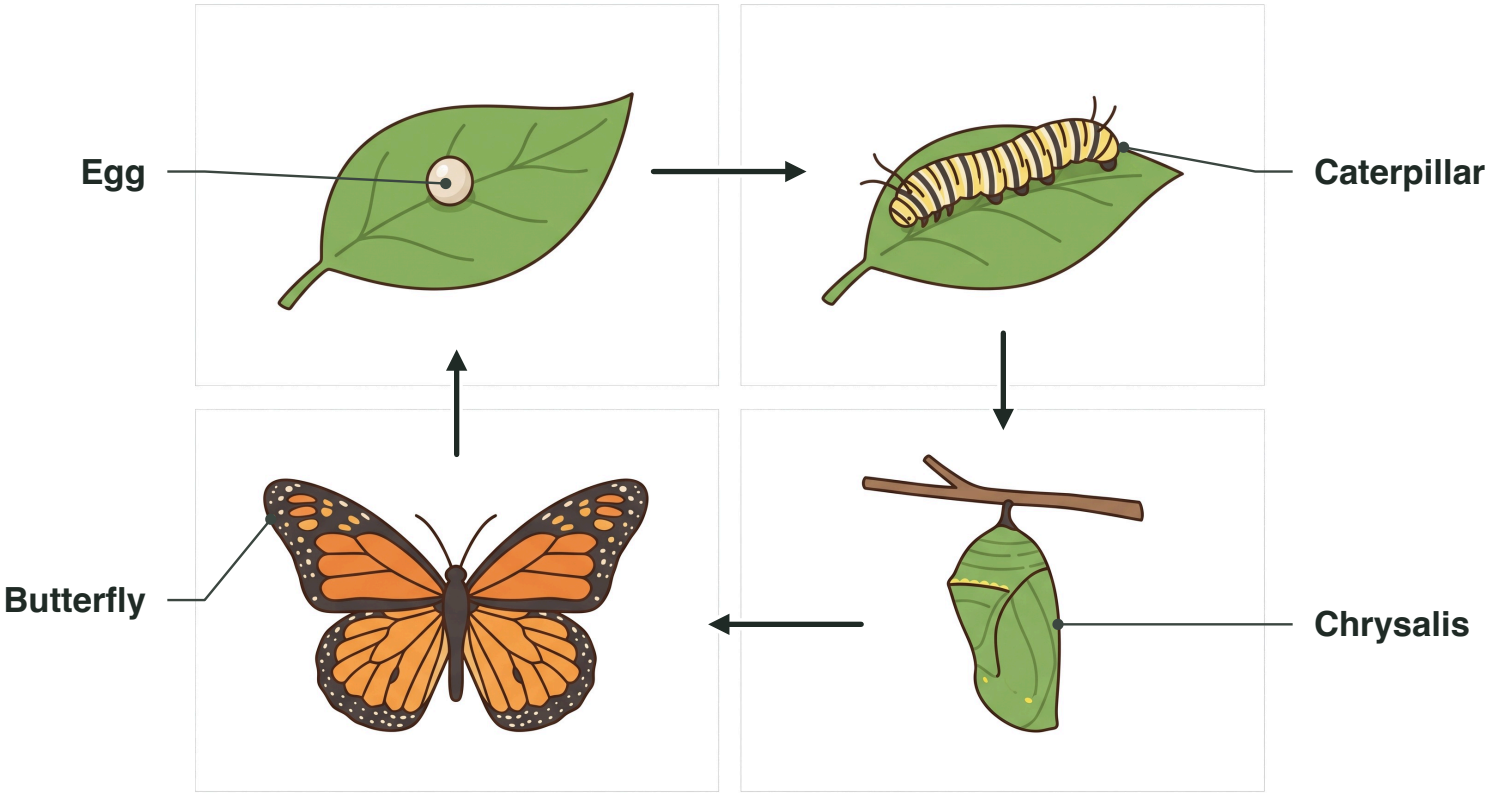
7. What happens inside a chrysalis?

8. Write the four stages of a frog's life in order. Start with the eggs.

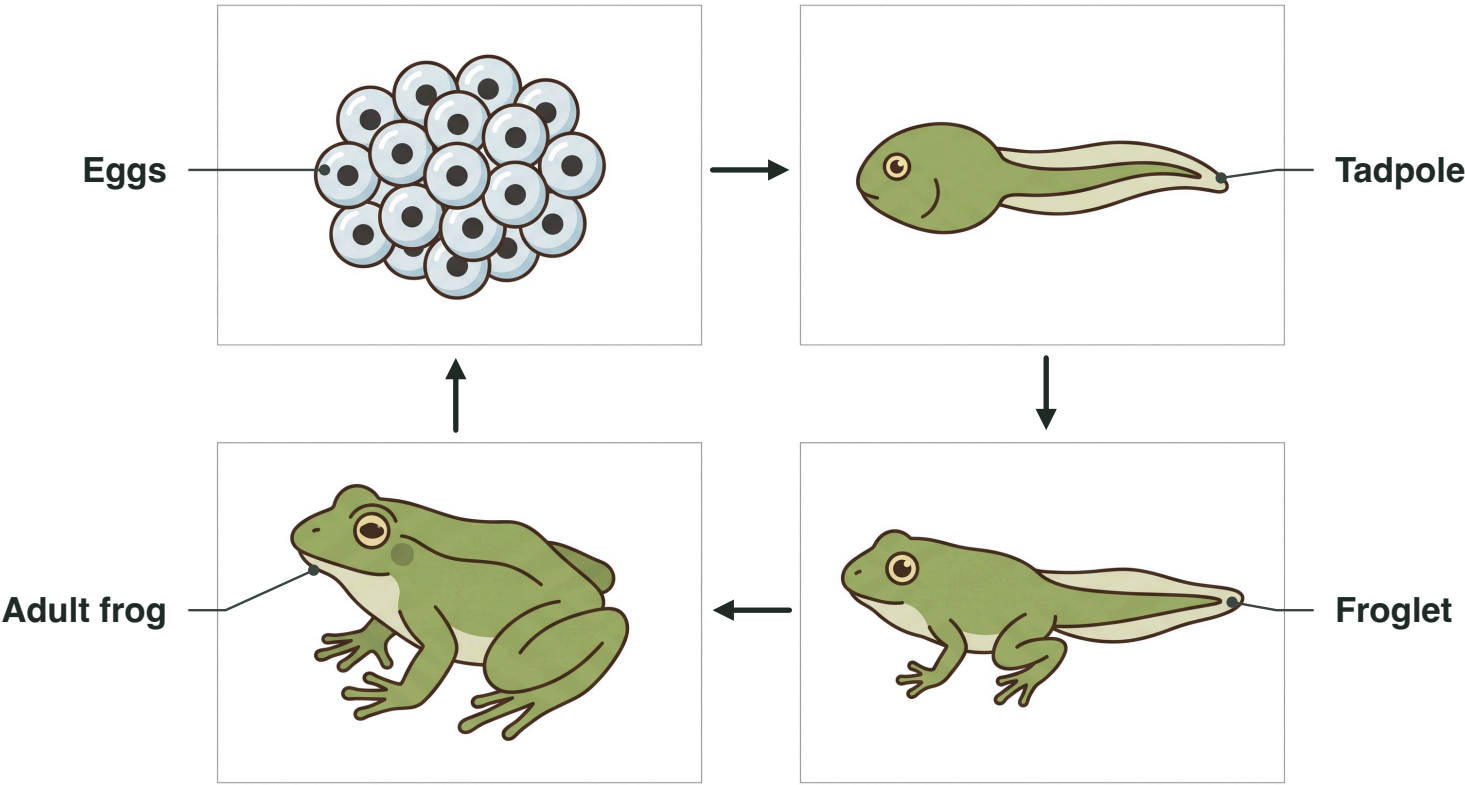
Answer Keys

In the same order as the sheets.

Life Cycle of a Butterfly: Answer Key



Life Cycle of a Frog: Answer Key



Butterfly and Frog Life Cycle Words: Answer Key

Answers are in green. Written answers will vary; these are examples.

Part A. Write the word or words that fit each description.

Word bank

Adult frog

Butterfly

Caterpillar

Chrysalis

Egg

Eggs

Froglet

Gills

Lungs

Metamorphosis Tadpole

- | | |
|--|----------------------|
| 1. It swims with a long tail. At first it has no legs. | Tadpole |
| 2. It hangs from a twig. Inside, the body changes completely. | Chrysalis |
| 3. A frog lays a clump of these in the water. They look like jelly. | Eggs |
| 4. The big change in body shape as some animals grow up. | Metamorphosis |
| 5. It hatches on a leaf. It eats leaves and grows fast. | Caterpillar |
| 6. It has four legs and no tail. It can live on land. | Adult frog |
| 7. A tadpole breathes under water with these. | Gills |
| 8. A tiny round one of these sits on a leaf. A caterpillar will hatch from it. | Egg |
| 9. It looks like a small frog, but it still has a tail. | Froglet |
| 10. A grown frog breathes air with these. | Lungs |
| 11. The adult insect. It has wings and can fly. | Butterfly |

Part B. Answer the questions.

- Which stage of a butterfly's life is the larva? Which stage is the pupa?
The caterpillar is the larva. The chrysalis is the pupa.
- Which stage of each life cycle lays the eggs?
The butterfly and the adult frog. Only the adults lay eggs.
- A newly hatched tadpole has no legs and breathes with gills. Write two ways a froglet is different.
A froglet has four legs. It has lungs and can breathe air.

Two Big Changes: Answer Key

Answers are in green. Written answers will vary; these are examples.

1. What is this text mostly about?

- ☐ How to catch butterflies and frogs
- ☒ **How butterflies and frogs change as they grow up**
- ☐ What frogs eat in a pond
- ☐ Why kittens look like cats

2. What is metamorphosis?

A big change in body shape as an animal grows up.

3. What is a caterpillar's main job?

- ☐ To fly
- ☐ To lay eggs
- ☒ **To eat**
- ☐ To swim

4. Which stage of a butterfly's life is the pupa?

- ☐ The egg
- ☐ The caterpillar
- ☒ **The chrysalis**
- ☐ The butterfly

5. How does a newly hatched tadpole breathe?

- ☐ With lungs
- ☒ **With gills**
- ☐ Through its tail
- ☐ It does not breathe.

6. Number the steps 1, 2 and 3 to show how a tadpole changes (paragraphs 4 and 5).

- 3** The tail shrinks away.
- 1** The back legs grow.
- 2** The front legs grow.

7. How can you tell a froglet from an adult frog?

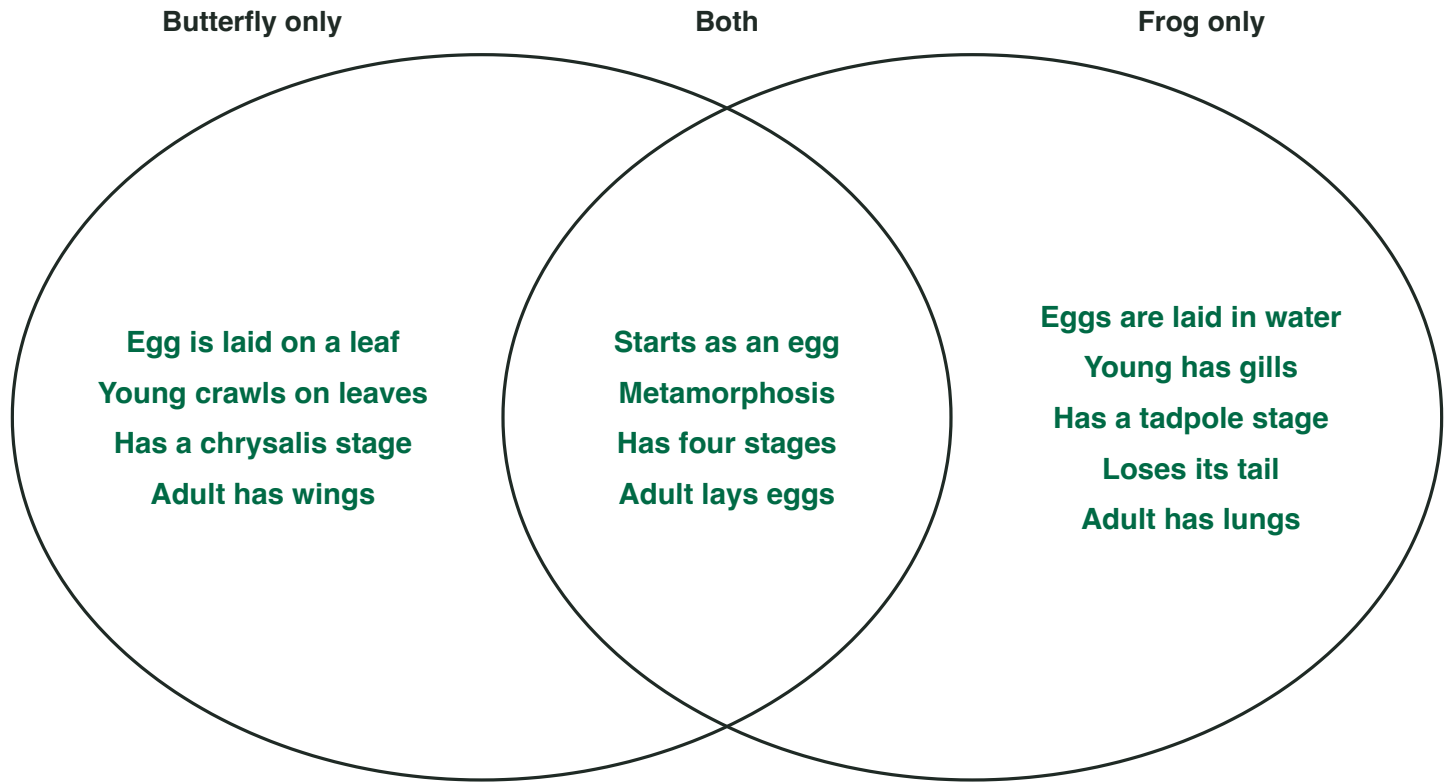
A froglet still has a tail. An adult frog has no tail.

8. Write one way the life of a butterfly and the life of a frog are alike.

Any one: both start as eggs, both go through metamorphosis, both adults lay eggs.

Butterfly or Frog?: Answer Key

Answers are in green.

**Word bank**

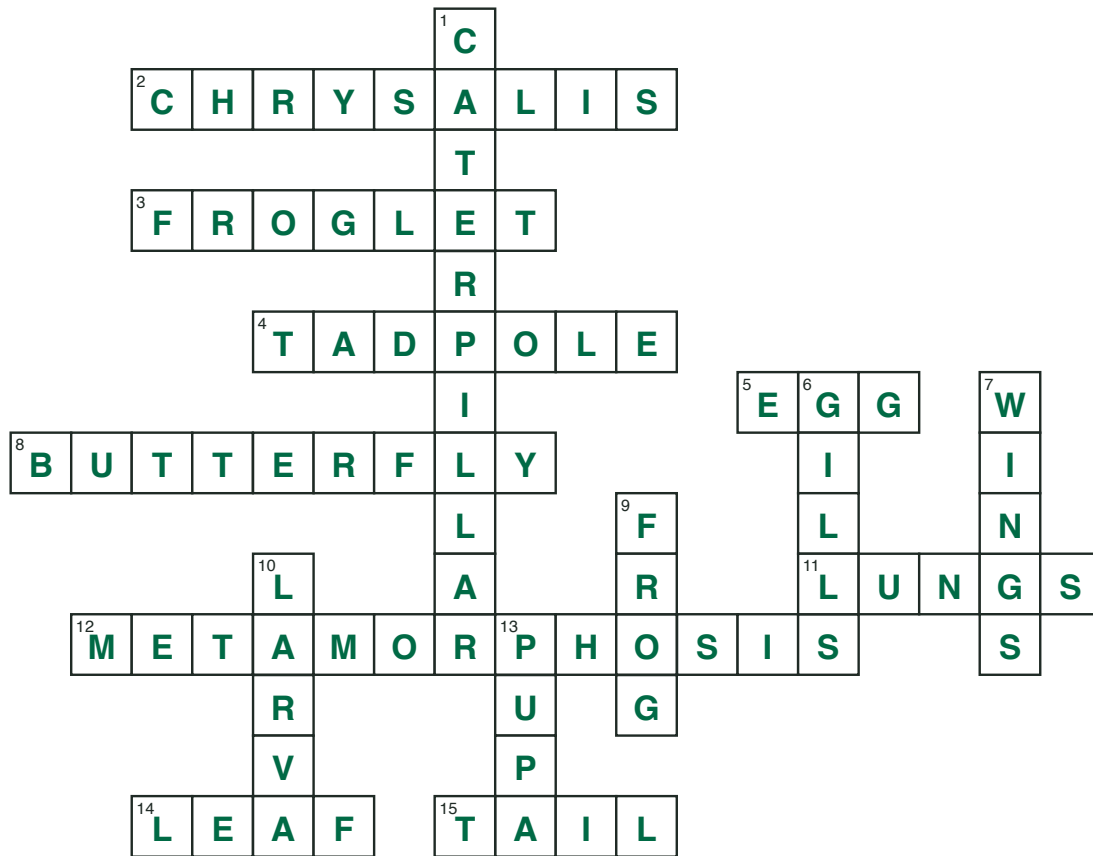
Adult has lungs Adult has wings Adult lays eggs Egg is laid on a leaf
Eggs are laid in water Has a chrysalis stage Has a tadpole stage Has four stages Loses its tail
Metamorphosis Starts as an egg Young crawls on leaves Young has gills

A caterpillar and a tadpole look very different. Write one way they are alike.

Answers will vary. Examples: Both hatch from eggs. Both are young animals that look nothing like their parents. Both change into adults.

Butterfly and Frog Crossword: Answer Key

Answers are in green.



ACROSS

2. It hangs from a twig. A butterfly comes out of it.
3. It has four legs, but it has not lost its tail yet.
4. It hatches in a pond and swims with a long tail.
5. Both life cycles start with this.
8. An adult insect with four wings that began as a caterpillar.
11. A grown frog breathes air with these.
12. The big change in body shape as some animals grow up.
14. A butterfly lays its egg on one.
15. A froglet still has one. A grown frog does not.

DOWN

1. It hatches on a leaf, eats and grows fast.
6. A tadpole breathes under water with these.
7. A butterfly flies with these.
9. The adult of this animal has no tail and can live on land.
10. A caterpillar is this stage of a butterfly's life.
13. A chrysalis is this stage of a butterfly's life.

Word bank

butterfly caterpillar chrysalis egg frog froglet gills larva leaf lungs
metamorphosis pupa tadpole tail wings

Butterfly and Frog Life Cycles Quiz: Answer Key

Answers are in green. Written answers will vary; these are examples.

Part A. This is the life cycle of a butterfly. Write the name of each stage.



A **Egg**

B **Butterfly**

C **Caterpillar**

D **Chrysalis**

Butterfly · Caterpillar · Chrysalis · Egg

Part B. Choose the best answer.

1. What is metamorphosis?

- ☐ A kind of frog
- ☒ **A big change in body shape as an animal grows up**
- ☐ The eggs of a butterfly
- ☐ A place where frogs live

2. Which stage of a butterfly's life is the larva?

- ☐ The egg
- ☒ **The caterpillar**
- ☐ The chrysalis
- ☐ The butterfly

3. What does a newly hatched tadpole breathe with?

- ☐ Lungs
- ☐ Wings
- ☒ **Gills**
- ☐ Legs

4. Which legs does a tadpole grow first?

- ☐ The front legs
- ☒ **The back legs**
- ☐ All four at once
- ☐ It never grows legs.

5. How is a froglet different from an adult frog?

- ☐ It has no legs.
- ☐ It lives in a chrysalis.
- ☐ It lays eggs.
- ☒ **It still has a tail.**

6. Where does a frog lay its eggs?

- ☐ On a leaf
- ☐ On a twig
- ☒ **In water**
- ☐ In a nest

Part C. Write your answer.

7. What happens inside a chrysalis?

The caterpillar's body changes into the body of a butterfly.

8. Write the four stages of a frog's life in order. Start with the eggs.

Eggs, tadpole, froglet, adult frog.