

Why and How Do We Breathe?

Name: _____

Date: _____

Student quiz — *Answer key*

DIRECTIONS: Select one correct answer for each question below.

1. Which of the following best describes the process of inhalation?

- a. The person sucks in air, making the lungs expand (become larger), which pushes the diaphragm down.
- b. The diaphragm moves down, making the lungs expand (become larger). This makes air automatically flow in.
- c. The diaphragm moves up, making the lungs expand (become larger). This makes air automatically flow in.
- d. Air flows in, making the lungs shrink (become smaller). This pulls the diaphragm up.

2. Why do humans need to breathe?

- a. Because it is a habit.
- b. To provide the cells in their body with oxygen.
- c. To be able to sing.
- d. To make blood flow through the body.

3. Which of the following statements is false?

- a. Some animals breathe through their skin.
- b. Humans breathe out carbon dioxide.
- c. Some aquatic animals use lung breathing.
- d. Insects do not breathe.

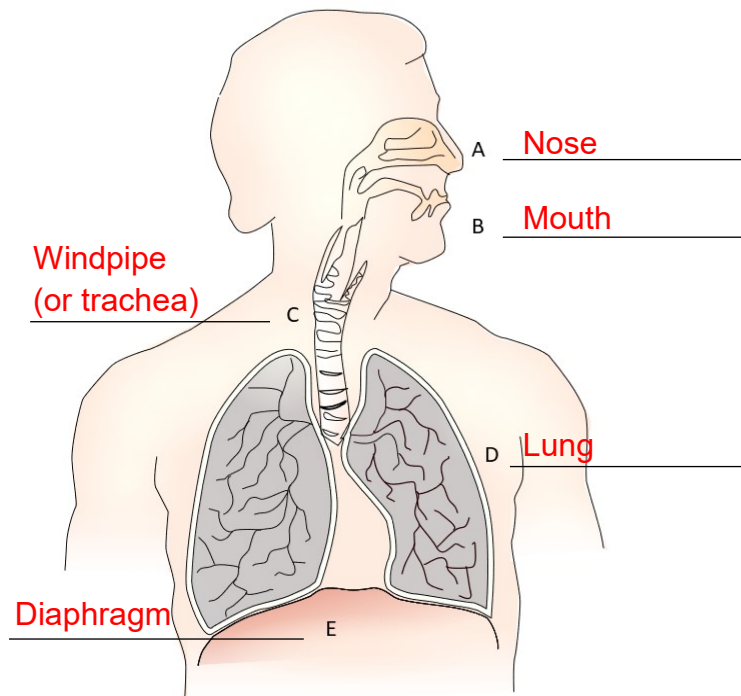
DIRECTIONS: Answer the questions below.

4. In your own words, explain why lung breathing is a good fit for animals who live on land and are quite large?

*Animals that are quite large need a lot of oxygen as they have a lot of cells.
Lungs allow them to extract a lot of oxygen from the air in a short time span.
Lungs are also a good fit for animals living on land as they do not need to stay wet.*

5. Use the figures below to complete the steps.

- a. Label parts A – E.



- b. Connect the letters in the body with the numbers on the model.

1 has a similar function as E

2 has a similar function as D

3 has a similar function as C

4 has a similar function as A and B