

Name \_\_\_\_\_

Date \_\_\_\_\_

# YOUR BODY: LUNGS

No other planet in our solar system contains air like ours. The air in our planet contains **oxygen**, which is what humans and animals need to survive. Your **lungs** help take in that oxygen and share it with the rest of your body.

Your body has **two lungs**, and they are the second largest organs in your body (the largest organ is your **skin**). They work together with your **heart** to draw in oxygen, which is carried by **red blood cells** across your body.

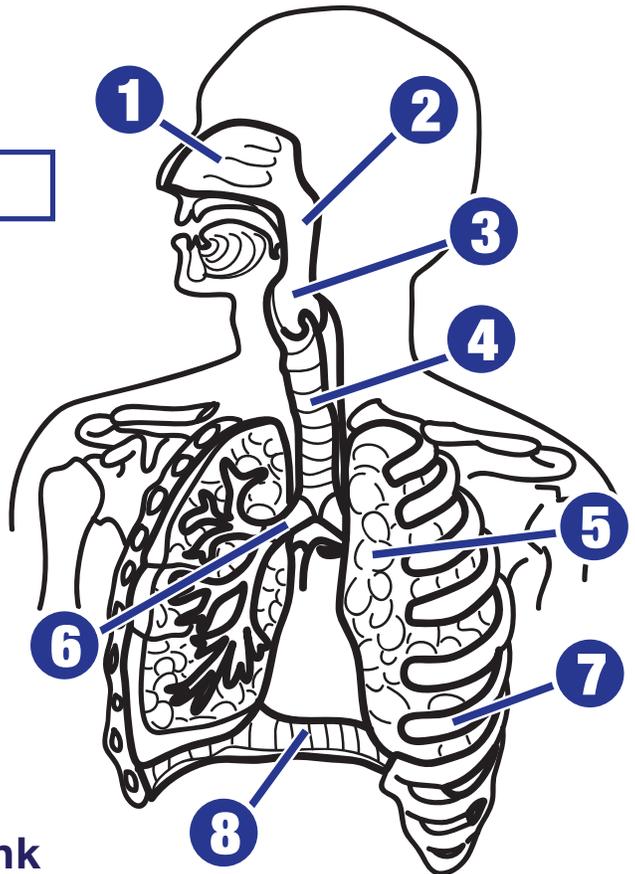
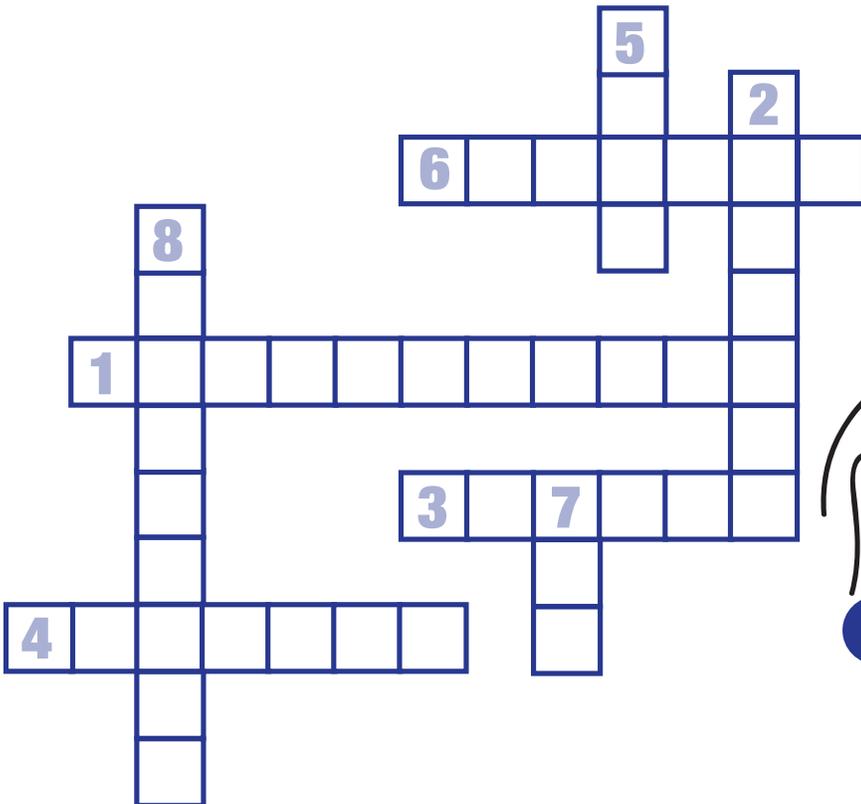
A large muscle called the **diaphragm** works with your lungs to get air in and out of your body. It rests just

below your lungs, near the upper part of your belly.

When you breathe in (**inhale**), air travels through your **nasal cavity**, where your **nose hairs** filter dust and other gross stuff before it enters your body. Air then travels down the **trachea**, the **pharynx**, and the **larynx** in that order before passing through two large tubes called **bronchi**. These large tubes kind of look like trees, expanding and branching out into the spongy part of your left or right lung.

Your **ribcage** protects this delicate system, and each **rib** embraces a soft, spongy lung on the left or right side of your body so you don't accidentally hurt them.

Use the reading, word bank, and diagram to solve the crossword.



## Word Bank

Larynx Pharynx Lung Nasal Cavity Bronchi Trachea Rib Diaphragm

# Your Respiratory System

**Directions:** Look at the diagram. Read about what each part of the respiratory system does. Label each part of the respiratory system on the diagram.

**nose** – contains two nostrils which brings air in and out of the body

**answer:** \_\_\_\_\_

**trachea or windpipe** – a tube that connects the upper respiratory system to the lungs

**answer:** \_\_\_\_\_

**lungs** – the main part of the respiratory system; it puts oxygen into the bloodstream

**answer:** \_\_\_\_\_

**mouth** – can be used to suck in or expel air

**answer:** \_\_\_\_\_

**bronchi** – smaller tubes that bring air to and from the lungs

**answer:** \_\_\_\_\_

**diaphragm** – muscle that moves up and down to help expand your lungs

**answer:** \_\_\_\_\_

(oxygen and carbon dioxide are exchanged in the alveoli, the small bulbs at the ends of the bronchi)

