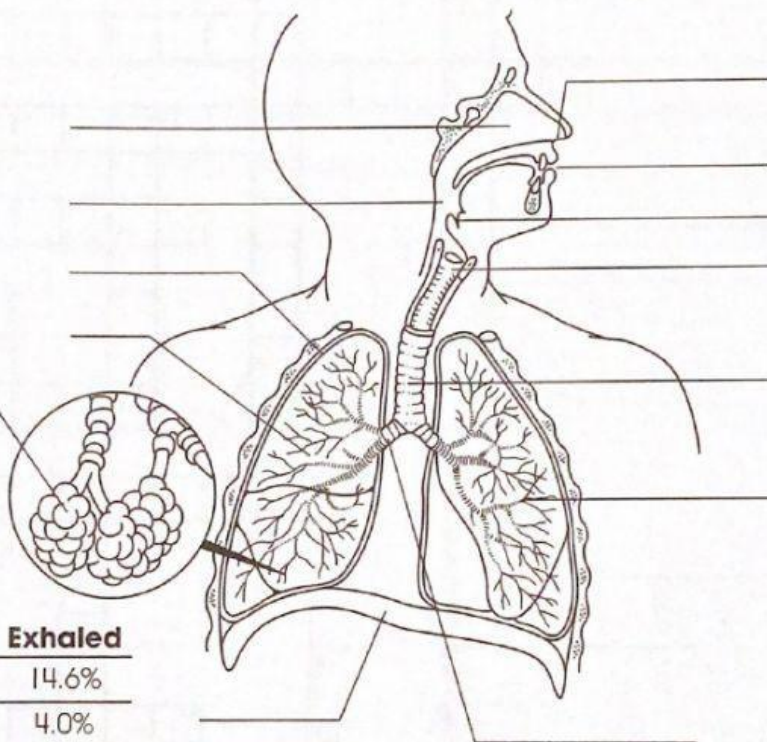


Name \_\_\_\_\_

# The Human Respiratory System

Label the parts of the human respiratory system.

alveoli	mouth
bronchi	nasal
bronchiole	passage
diaphragm	nostrils
epiglottis	pharynx
larynx	pleura
lung	trachea



## Gas Exchange

The table shows what happens to the air we inhale.

Gas	Inhaled	Exhaled
oxygen (O <sub>2</sub> )	20.71%	14.6%
carbon dioxide (CO <sub>2</sub> )	0.04%	4.0%
water (H <sub>2</sub> O)	1.25%	5.9%

1. What gas is removed from inhaled air? \_\_\_\_\_
2. What gases are added to inhaled air and then exhaled? \_\_\_\_\_ and \_\_\_\_\_
3. Which gas shows the greatest difference in percent between inhaled and exhaled air? \_\_\_\_\_

Complete each sentence.

Inspired air, rich in \_\_\_\_\_, enters the body through the \_\_\_\_\_, or \_\_\_\_\_. It passes through the \_\_\_\_\_ and \_\_\_\_\_, or voice box, and into the \_\_\_\_\_. Air then enters each \_\_\_\_\_, which branches into \_\_\_\_\_, and finally into the air sacs or \_\_\_\_\_ of the \_\_\_\_\_. The lungs are housed in the \_\_\_\_\_ cavity that is bound on the bottom by a thin layer of muscle, the \_\_\_\_\_. Each lung is covered by a very thin \_\_\_\_\_ membrane. In the alveoli, \_\_\_\_\_ is exchanged for oxygen.