

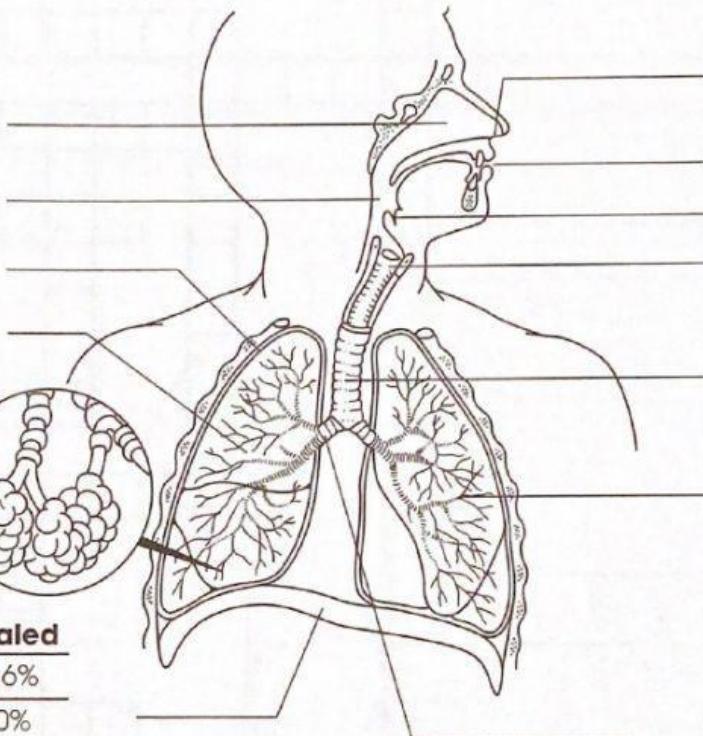
Name _____

The Human Respiratory System

Label the parts of the human respiratory system.

alveoli
bronchi
bronchiole
diaphragm
epiglottis
larynx
lung

mouth
nasal
passage
nostrils
pharynx
pleura
trachea



Gas Exchange

The table shows what happens to the air we inhale.

Gas	Inhaled	Exhaled
oxygen (O_2)	20.71%	14.6%
carbon dioxide (CO_2)	0.04%	4.0%
water (H_2O)	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.