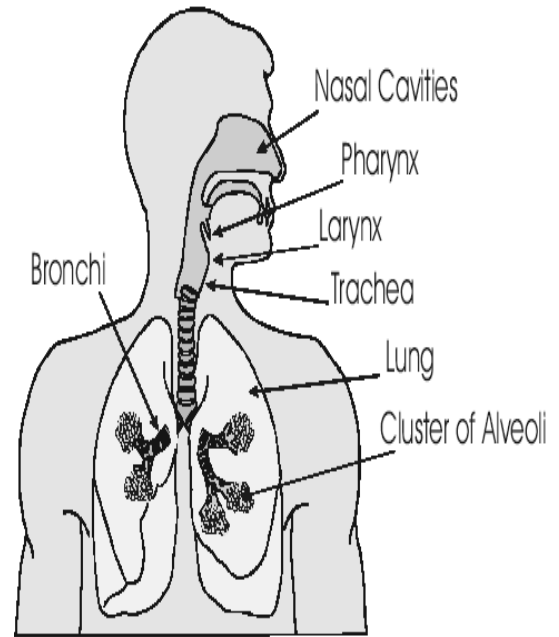


Name: _____

RESPIRATORY SYSTEM NOTES!



The Respiratory System: Outline

I. Purpose of Respiratory System

The purpose of the respiratory system is to get oxygen into the body and to remove carbon dioxide and water from the body

II. Stops along the way into the lungs

1. The nose warms, moistens, and filters air as it enters your body
2. The epiglottis controls whether material goes into the stomach or the lungs
3. The trachea carries air down to the lungs

a. At the top of the trachea is the larynx, or voice box, where the vocal cords create sound as air passes by them.

III. The Lungs

1. The bronchus is a branch at the bottom of the trachea that leads into either lung
2. At the end of each bronchus are tiny "balloons" (or air sacs) called alveoli. They are important because this is the place where oxygen is given to the capillaries and carbon dioxide gets pulled out.
3. Capillaries are the blood vessels found at the end of the alveoli that trade carbon dioxide for oxygen.

IV. Breathing

Muscles lift your ribs up and out.

The major muscle of breathing is the diaphragm.

As your lungs enlarge air rushes in to fill the empty space (due to lower air pressure).

V. Smoking

1. Smoking leads to damaging your alveoli and make them less stretchy and also leads to cancer