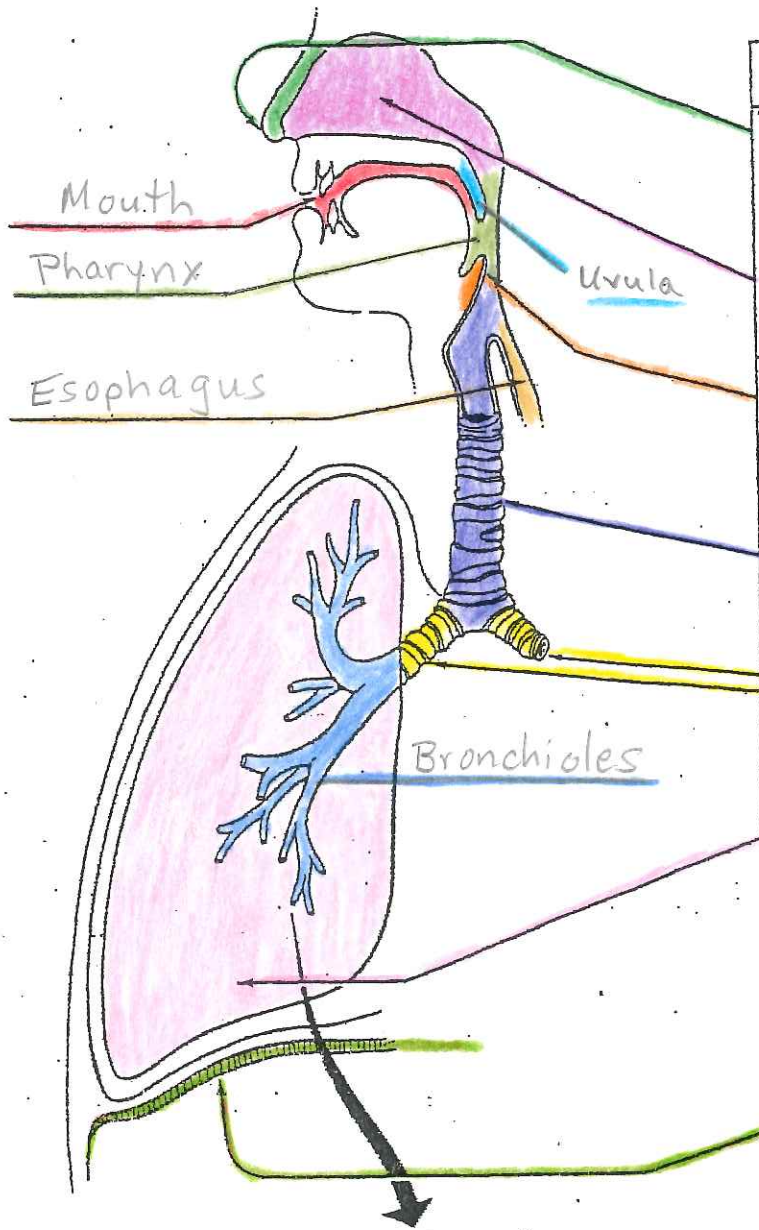


Name _____

Date _____

Class/Per. _____

HUMAN RESPIRATORY SYSTEM



| Respiratory system parts and functions | |
|--|--|
| <u>Nose</u> | <ul style="list-style-type: none"> • air enters • hairs block or trap dust and unwanted objects |
| <u>Nasal Cavity</u> | <ul style="list-style-type: none"> • warms air and adds moisture as it enters |
| <u>Epiglottis</u> | <ul style="list-style-type: none"> • flap that closes over trachea during swallowing • keeps food and liquid out of lungs |
| <u>Trachea</u> | <ul style="list-style-type: none"> • tube that carries air from nasal chamber to bronchi |
| <u>Bronchi</u> | <ul style="list-style-type: none"> • short tube that carries air from trachea to right and left lungs |
| <u>Lung</u> | <ul style="list-style-type: none"> • main organ of respiratory system • tiny air sacs and blood capillaries where oxygen moves into blood and carbon dioxide moves out |
| <u>Diaphragm</u> | <ul style="list-style-type: none"> • muscle at bottom of chest cavity • moves up when relaxed and helps with breathing out • moves down when contracted and helps with breathing in |
| <u>Capillary</u> | <ul style="list-style-type: none"> • blood vessel that surrounds alveoli • site of gas exchange between blood and air |
| <u>Alveoli</u> | <ul style="list-style-type: none"> • air sacs • site of gas exchange between blood and air |

enlarged view of alveoli
X 2000

