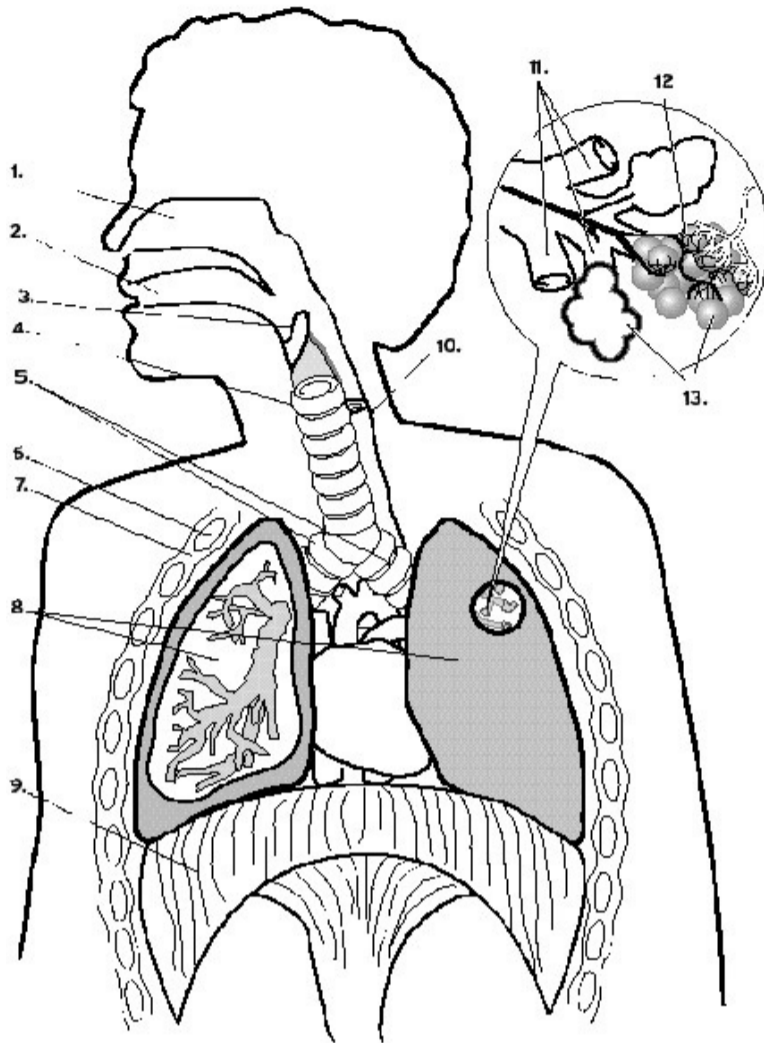


## Respiratory System Worksheet

1. Label the diagram of the respiratory system below:



2. List the structures below in the order in which air passes them as it travels from the nose to the lungs.

Alveoli, bronchi, bronchioles, larynx, pharynx, trachea

3. How are dust particles that enter the respiratory system in the air expelled?

4. Add the correct term from the list below to the following descriptions

diaphragm, pharynx, expiration, alveoli, trachea, epiglottis, palate, bronchioles

- a. Smallest respiratory passageways
- b. Separates mouth from nose
- c. Windpipe
- d. Where gas exchange takes place

- e. Stops food from going the wrong way
- f. Both air and food pass through this
- g. The movement of air out of the lungs
- h. The main muscle involved in inspiration

5. Arrange these statements in the right order to describe inspiration (inhalation).

- \_\_\_ Air is drawn into the lungs
- \_\_\_ Air pressure in the chest cavity decreases
- \_\_\_ Lungs expand
- \_\_\_ The diaphragm contracts and flattens
- \_\_\_ The muscles between the ribs contract to move the ribs up and out

6. Add the following labels to the diagram of the lung alveolus, below

alveolus, area of high oxygen concentration, area of high carbon dioxide concentration, movement of oxygen, movement of carbon dioxide

