

Respiratory System Worksheet

Name:

Date:

Directions: Complete each of the questions below, using your notes if you need.

A. Complete

- _____ are small hairs on the inside of the nasal cavity and trachea that help trap dust and keep it from entering into the lungs.
- _____ is not used directly by the body to provide energy. Instead, energy is produced through a process called _____.
- When you breath in, the pressure inside the lungs _____, pulling air inside. When you breath out, the pressure inside lungs _____, pushing air out.
- A tube called the _____ connects the pharynx with the lungs.
- One function of the respiratory system is to move _____ inside the body.

B. True or False

- The diaphragm is a muscle at the bottom of the lungs shaped like a dome. _____
- Breathing is a mechanical process. _____
- Alveoli are specialized structures in the lungs that allow the exchange of gases to take place easily. _____
- Carbon dioxide and water vapor are waste products of cellular respiration and need to be moved outside the body. _____
- When the bond between oxygen and phosphorus in ATP is broken, energy is released which can be used by the body. _____

C. Multiple Choice

- Air enters the body through which of the following?
 - trachea
 - pharynx
 - nose and mouth
 - bronchi