1	The sum of the partial processor of all space in the atmountage makes up the
1	The sum of the partial pressures of all gases in the atmosphere makes up the  At sea level this is mmHg.
2	Since inhaled air mixes with the air in the air passages,
	a. the oxygen content of inhaled air is (higher, lower) than that of the atmosphere
	<ul> <li>the carbon dioxide content of inhaled air is (higher, lower) than that of the atmosphere.</li> </ul>
3.	Since the air passes over moist surfaces in the respiratory passages, it usually becomes saturated with
	a. This water does not increase the total gas pressure, but does it contribute its own partial pressure?
	<ul> <li>b. Therefore, it causes the partial pressure of oxygen to (increase, decrease).</li> </ul>
4.	The partial pressure of oxygen in the air entering the alveoli is normally mmHg.
	a. The partial pressure of oxygen in the pulmonary arteries is normally mmHg.
	b. This means that the net flow of oxygen would be (into, out of) the blood.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<ul> <li>The partial pressure of oxygen in the pulmonary veins is normally mmHg.</li> </ul>
	d. Therefore, would the net flow of oxygen continue if the blood remained in the lungs for a longer period of time?
5.	In what part of the body does the blood normally lose oxygen?
6	The difference in the partial pressures of carbon dioxide in the systemic arteries and systemic veins indicates that carbon dioxide (enters, leaves) the blood at the systemic tissues.
	The difference in the partial pressures of carbon dioxide in the pulmonary arteries and pulmonary veins indicates that carbon dioxide (enters, leaves) the blood at the respiratory membrane.