

Name_____

Spies: The Second Journey Begins. Read pages 77 & 78 and pages 85-89 in the HBS book and answer the following questions using complete sentences:

1. What is the respiratory system?
2. What causes a person to sneeze?
3. What two things in our nose help filter particles from the air we breathe?
4. What is the larynx and what does it do?
5. What makes a vocal (voice) sound loud or soft?
6. In which part of the lungs does gas exchange take place? What two gases are exchanged?

7. How do the rib muscles and diaphragm work together when you breathe?

8. When the muscles in your chest move (see question #7) the volume of the chest cavity increases. What happens to the air pressure inside your chest and what happens because of the changing pressure?

9. What do the lungs have inside of them that increases their surface area? Why is increased surface area important?