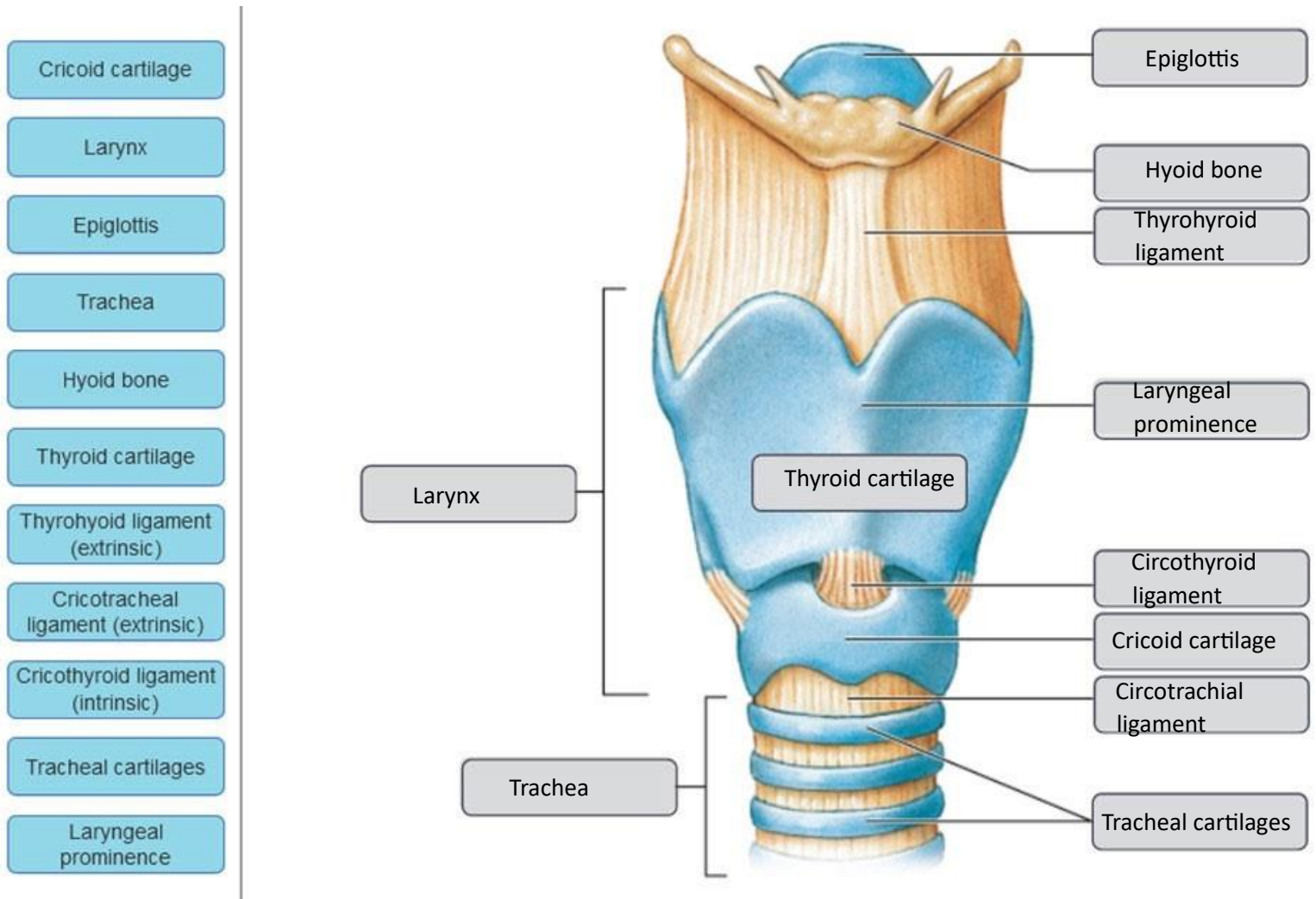
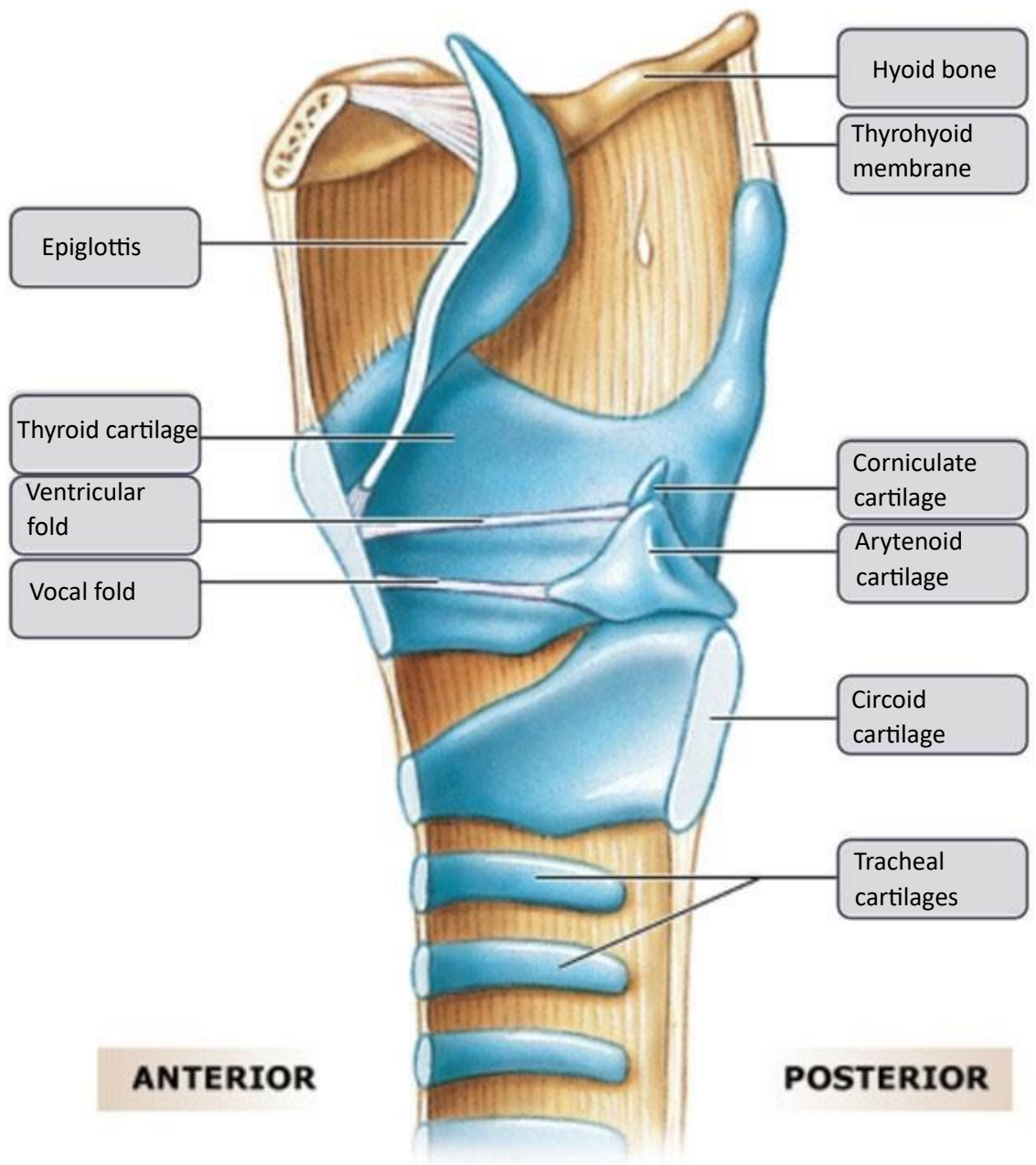
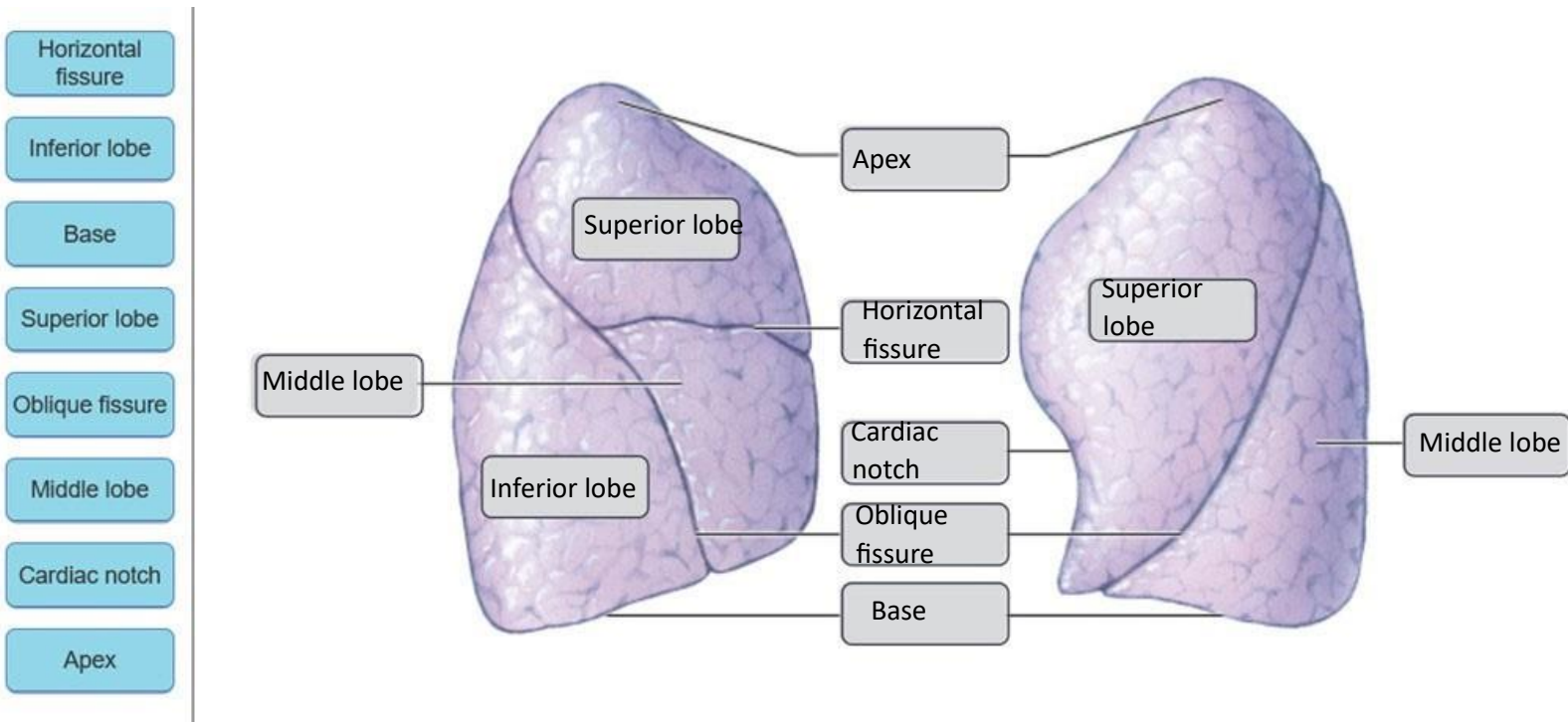


Lab 5: Post-Lab Activity
Label the following diagrams.



- Thyrohyoid membrane
- Tracheal cartilages
- Vestibular ligament
- Arytenoid cartilage
- Thyroid cartilage
- Cricoid cartilage
- Epiglottis
- Hyoid bone
- Corniculate cartilage
- Vocal ligament





Answer the following questions.

1. The respiratory system _____.
 - a. protects the heart surfaces from dehydration and temperature changes
 - b. provides a large surface area for gas diffusion
 - c. moves digestive nutrients to and from the respiratory surfaces
 - d. performs all of these functions

2. For which of the following activities is the respiratory system NOT responsible?

- a. regulating the pH of the blood, as well as the pressure and volume
 - b. providing a large surface area for the diffusion of gases into and out of the body
 - c. protecting the airways from pathogenic invasion
 - d. delivering oxygen-rich blood to the peripheral tissues
3. The upper respiratory tract _____.
- a. speeds up the passage of incoming air as it passes the nasal conchae
 - b. is the location where sound is produced
 - c. warms and humidifies incoming air
 - d. includes the larynx, pharynx, and trachea
4. Which of the following is found in the nasopharynx?
- a. the opening for the auditory tube
 - b. the superior nasal conchae
 - c. palatine tonsils
 - d. nares
5. The trachea _____.
- a. lies anterior to the esophagus.
 - b. is superior to the laryngopharynx
 - c. is surrounded by nine pieces of irregular cartilage
 - d. bifurcates to form the secondary bronchi