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Physiology Review

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| **Across**  **1.** Process of exhalimg  **2.** Lung that has three lobes  **3.** Protects front of windpipe  **5.** Muscle under lungs  **6.** Second portion of the pharynx  **10.** Uppermost cartilage of the pharynx  **11.** Flap that keeps food from entering lungs  **14.** Air entering nose is cleaned, moistened, and \_\_\_  **16.** Other substance released during expiration  **18.** Location where external respiration takes place  **19.** Double layered serous membrane that encloses each lung  **24.** Caused by the spasm of the diaphragm  **26.** Number of cartilage pieces to form larynx  **27.** The \_\_\_ respirator system includes the trachea and lungs  **31.** Inflammation of the pharynx  **33.** Gas released during expiration  **35.** Second step of respiration  **39.** Abbreviation for hemoglobin  **40.** The function of mucus  **42.** System that involves breathing  **43.** Esophagus is \_\_\_ to the trachea  **44.** Third portion of the pharynx  **45.** Part of brain that controls respiratory system and cardiac system  **46.** Adam's apple  **47.** Fourth step of respiration | **Down**  **4.** First portion of the pharynx  **7.** Cessations in breathing while sleeping  **8.** At the ends of bronchioles  **9.** Adenoids are a collection of \_\_\_ tissue  **12.** Fifth step of respiration  **13.** Trachea splits into two \_\_\_  **15.** Inflammation of the larynx  **17.** Whooping Cough  **20.** First step of respiration  **21.** What bronchiodilators treat  **22.** Control the length and tension of the vocal chords  **23.** Third step of respiration  **25.** Muscles between ribs  **28.** Job of cilia  **29.** Lack of oxygen in tissues  **30.** Creation of hole in trachea to insert tube  **32.** What the voice box is known as  **34.** Separates the two nasal airways  **36.** Process of inhaling  **37.** The \_\_\_ respiratory system includes the nares, pharynx, and larynx  **38.** Small hairs throughout respiratory tract  **41.** Gas needed for inspiration |