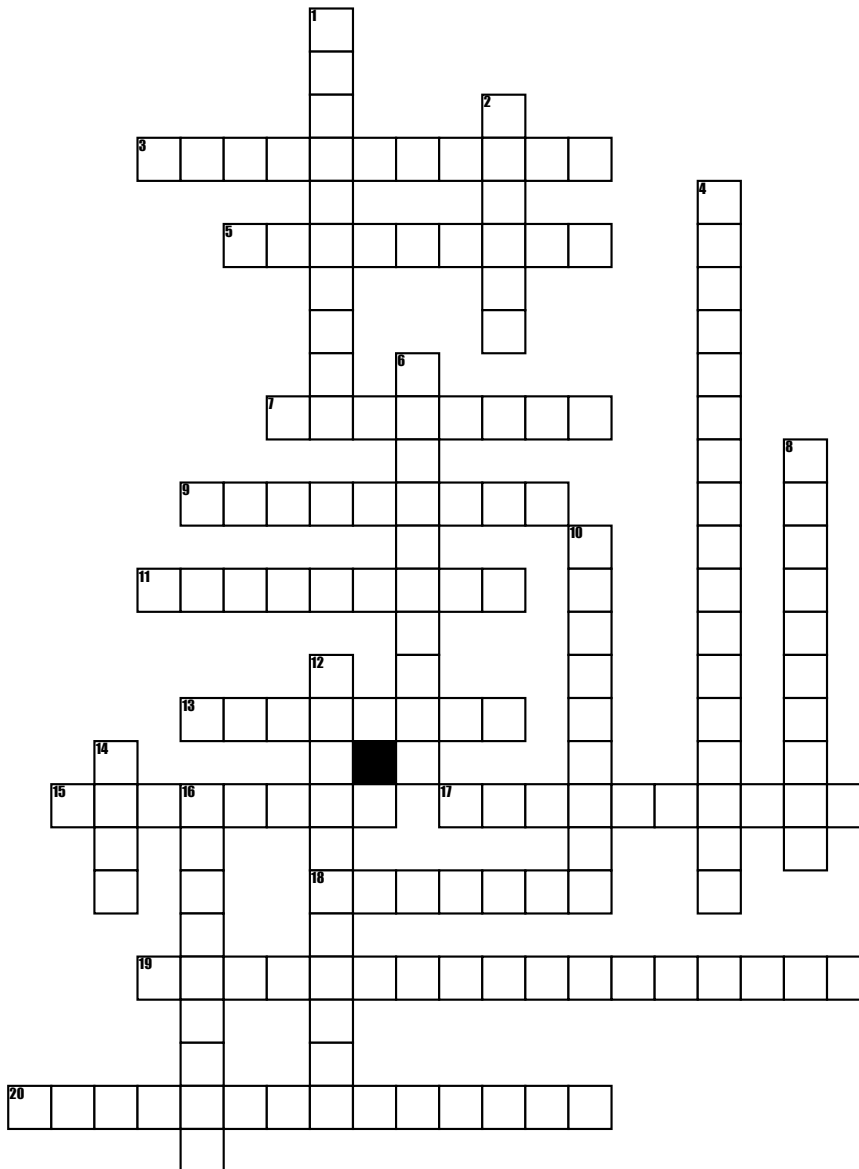


Name: _____

Date: _____

Ventilation- Perfusion Coupling



Across

3. breathing

5. space in respiratory system in which air does not undergo significant gaseous exchange

7. less blood flow to lungs or increase in ventilation

9. low levels of oxygen in the blood

11. the pulmonary arterioles serving those alveoli _____ in low V/ high Q

13. more blood flow to the lungs or decrease in ventilation

15. another word for mismatching

17. amount of blood passing thru lungs every minute

18. low levels of oxygen in tissues

19. a blood clot in the lungs which usually begins as a clot in the legs which breaks off and travels to the lungs

20. excess fluid in the lungs

Down

1. foreign body in the lungs

2. in low V and high Q bronchioles will _____.

4. combo of bronchospasm, mucus plugs, inflammation, and airway obstruction

6. Po2 controls perfusion by altering WHAT diameter

8. amount of oxygen passing thru lung every minute

10. damage to alveoli, results in air becoming trapped causing to expand and rupture

12. Pco2 controls ventilation by changing WHAT diameter

14. V/Q mismatching is a symptom of _____

16. blood flow