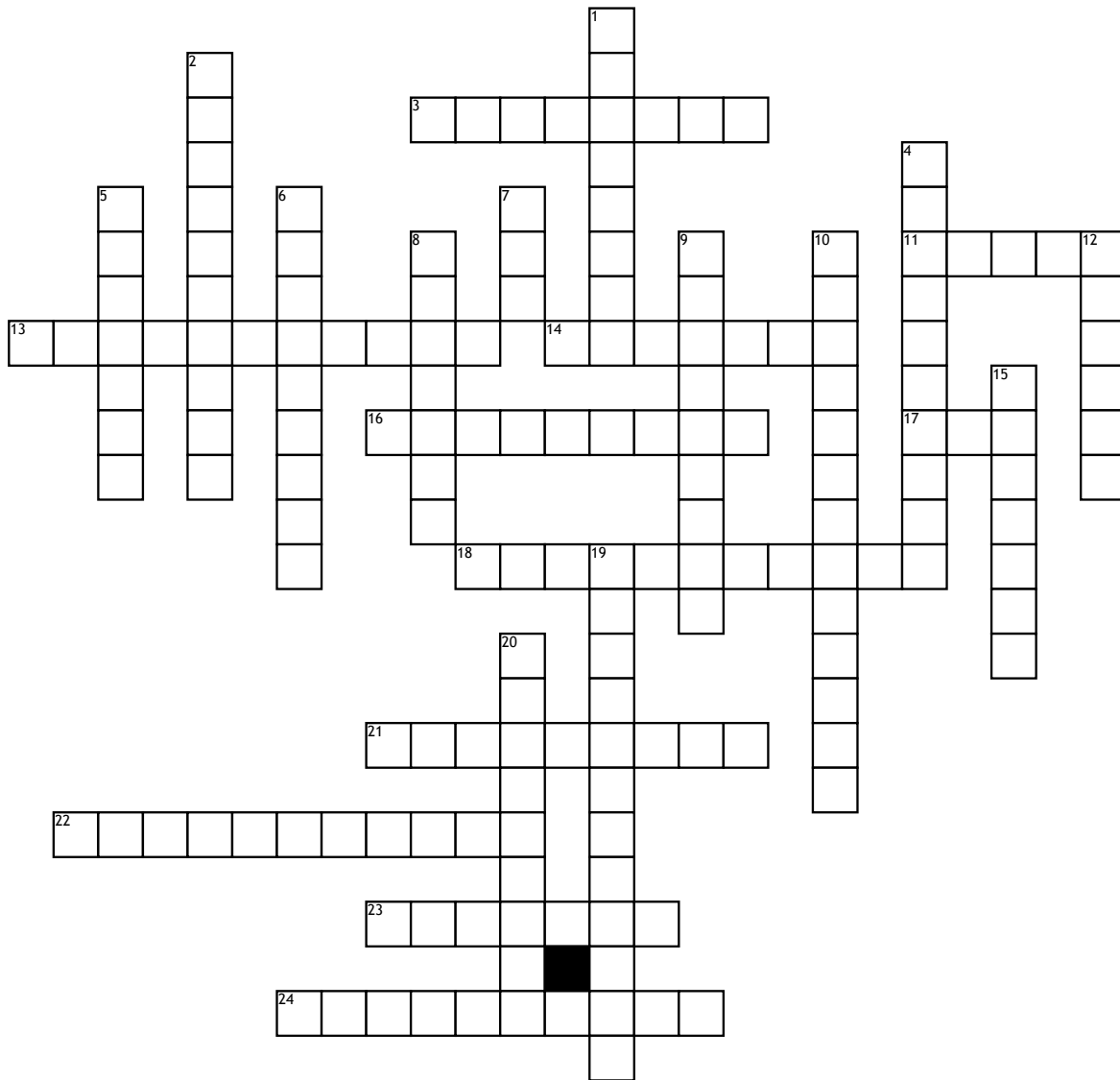


Gas exchange



Across

3. Has an effect on breathing rate, the more you do the higher your breathing rate
11. Found centrally in the thorax
13. the process of drawing air into and out of the lungs
14. This model represents the lungs in a limited way
16. Process by which gas exchange occurs in the lungs
17. A carcinogen found in cigarette smoke
18. A chemical process by which energy is released
21. Sheet of muscle that allows the thorax to ventilate

22. A good _____ maintains the concentration gradient in the lungs
23. Small sac where gas exchange takes place

24. the process of breathing in

Down

1. An addictive chemical found in cigarettes
2. An infection of the bronchi
4. The process of breathing out air
5. Two of these carry air into each lung
6. A mechanical process to get oxygen into, and carbon dioxide out of, the lungs

7. An abbreviation for a disease that affects the heart, caused by the nicotine and carbon monoxide found in cigarettes
8. Causes a range of lung conditions
9. Artery that carries blood between the heart and lungs
10. A gas produced in respiration that is passed out of the body from the lungs
12. Another name for the chest cavity
15. Allows air to pass from the mouth to the lungs
19. Allows the lungs to move over one another without friction
20. Where the walls of the alveoli are damaged and fuse together