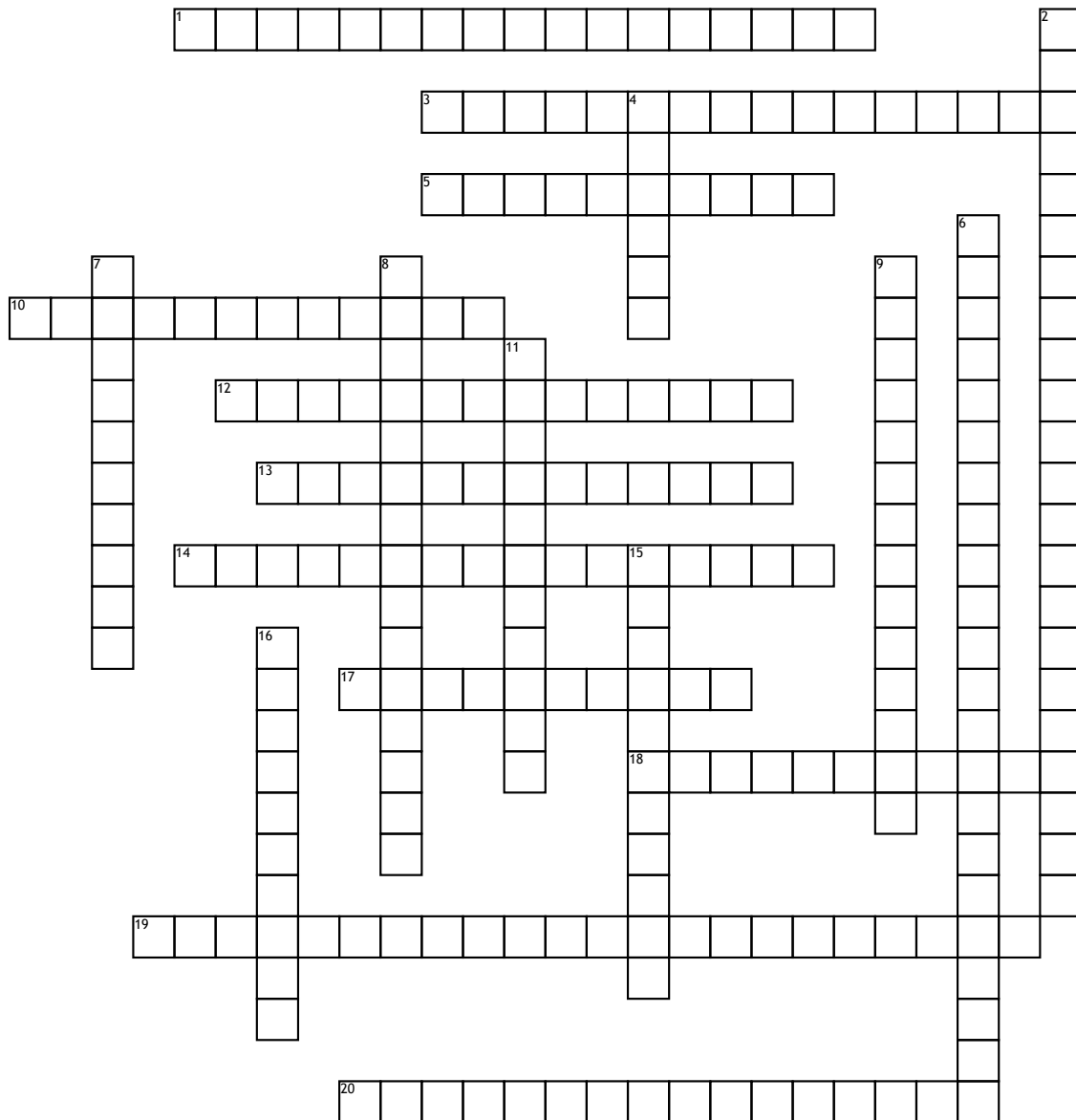


Name: _____

Date: _____

Anatomy of the heart



Across

1. Separates the two atria
3. The cusps are attached to the ventricular wall by tough fibrous bands of tissue
5. Middle layer of the heart, thickest of the three layers
10. The large blood vessels attached to the heart
12. These branches send out numerous long fibers
13. The left AV valve is called
14. The arteries supplying the myocardium are called
17. Study of the heart

18. When the left ventricle contracts, thus increasing intraventricular pressure, blood from the ventricles forces the? open and flows into the aorta
19. Valves located between the atria and the ventricles
20. It also supplies blood to the parts of the electrical ? including the sinoatrial (SA) node and the atrioventricular (AV) node

Down

2. The record of these electrical signals
4. The upper chambers and receive the blood into the heart

6. Separates the two ventricles

7. Lower chambers and pump blood out of the heart
8. Cusps of the valves resemble a half-moon
9. The right AV valve because it has three cusps
11. The heart is supported by a slinglike structure
15. The heart's innermost layer
16. Refers to the area of the anterior chest wall overlying the heart and great vessels